



04212

Second B.H.M.S. (2015) Examination, Summer 2017
FORENSIC MEDICINE AND TOXICOLOGY

Total Duration : 3 Hours

Total Marks : 100

Instructions : 1) Use **blue/black** ball point pen only.

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3) **All questions are compulsory.**

4) The number to the **right** indicates **full marks**.

5) Draw diagrams **wherever** necessary.

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1. Write short answer (any ten out of fifteen) :

(10×2=20)

- A) Contributory negligence.
- B) What are the powers of first class magistrate ?
- C) What is Dactylography ?
- D) Mention any 2 medicolegal importances of Algor Mortis.
- E) What is Defence Wound ?
- F) Mention any 2 medicolegal importances of Hallucination.
- G) Mention objectives of postmortem examination.
- H) What is artificial insemination ?
 - I) Cocaine bug.
- J) What is antidote for copper sulphate poisoning ?
- K) Active principles of Dhatura.
- L) Define Antidote.
- M) Fatal dose and Fatal period of Sulphuric acid poisoning.
- N) Fatal dose and Fatal period of Abrus Precatorius.
- O) Define Poison.

P.T.O.



2. Write short answer (**any four** out of six) :

(4×5=20)

- a) Summons.
- b) M.T.P. Act 1971.
- c) Mummification.
- d) Virginity.
- e) Medicolegal importances of burn injury.
- f) SIDS with its Medicolegal importances.

3. Write short answer (**any four** out of six) :

(4×5=20)

- a) Drug & Cosmetic Act 1940.
- b) Food Poisoning.
- c) Drug Addiction.
- d) Chronic phosphorus poisoning.
- e) Capsicum poisoning.
- f) Treatment of snake bite.

4. Long answer question (**any two** out of four) :

(2×10=20)

- a) What is death ? Mention types of death, modes of death. Add a note on rigor mortis with respect to definition, mechanism, factors affecting to rigor mortis, condition simulating to rigor mortis and Medicolegal importances of rigor mortis.
- b) What is Hanging ? Mention types, causes of death in Hanging. Write postmortem findings in antemortem hanging with its Medicolegal importances.
- c) What is Infanticide ? Mention the MLI of Infanticide. Write the signs of live birth baby. Mention act of omission and act of commission in Infanticide.
- d) What is personal identity ? Mention its Medicolegal importances. How will you determine race, age and sex of person ? Write its Medicolegal importances.

Long answer question (**any one** from Q.No. 5, 6 and 7) :

5. Long answer question.

Write in detail about organophosphorus poisoning with reference to its pharmacological action, signs and symptoms, fatal dose, fatal period treatment, Postmortem findings and Medicolegal importances.

(1×20=20)

6. Long answer question.

Write in detail about Alcohol Poisoning with references to signs and symptoms of acute and chronic alcohol poisoning, causes of death and its treatment. Add a note on drunkenness.

(1×20=20)

7. Long answer question.

Explain General line of treatment of poisoning with reference to removal of unabsorbed poison, use of antidote, elimination of poison, symptomatic treatment and general care of patient.

(1×20=20)



04213

Second B.H.M.S. (2015) Examination, Summer 2017
HOMOEOPATHIC MATERIA MEDICA

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Total Marks : 100

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1. Write short answer (any ten out of fifteen) :

(10×2=20)

- ☒ A) Write two characteristic symptoms of Aethusa Cynapium Mind.
- ☒ B) Write the haemorrhoids of Aloe Socotrina.
- ☒ C) Write two features of Allium Cepa Neuralgia.
- ☒ D) Write two characteristic features of Calcarea fluor.
- ☒ E) Write constipation of Bryonia Alba.
- ☒ F) Mention the thirst and Ailments from of Arsenic album.
- ☒ G) Write two characteristic features of Arum triphyllum.
- ☒ H) Write two characteristic features of Ipecac.
- ☒ I) Write two features of Apis Urinary complaints.
- ☒ J) Write two gastrointestinal complaints of Natrum Phos.
- ☒ K) Write two female symptoms of Nux Vomica.
- ☒ L) Write two respiratory complaints of Natrum-Sulph.
- ☒ M) Write two guiding indications of Symphytum.
- ☒ N) Write two characteristic features of Colchicum autumnale.
- ☒ O) Mention two characteristic features of Drosera.

P.T.O.

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2. Write short answer (**any four** out of six) :

(4×5=20)

- a) Write Physical general symptoms of Gelsemium.
- b) Describe Spongia Respiratory Symptoms.
- c) Describe Guiding indications of Calcarea sulph.
- d) Write Fever of Baptisia Tinctura.
- e) Describe Antim crud Skin.
- f) Describe Argentum nit Mind.

3. Write short answer (**any four** out of six) :

(4×5=20)

- a) Describe mind of Aconite.
- b) Describe bellis per Injury.
- c) Describe the basic concept and construction of Materia Medica with suitable examples.
- d) Describe the sources of Homoeopathic Materia Medica.
- e) Describe the sources of Drugs.
- f) Describe the types of Homoeopathic Materia Medica.

4. Long answer question (**any two** out of four) :

(2×10=20)

- a) Compare Cina and Chamomilla Child.
- b) Compare Guiding indications of Colocynth and Mag Phos.
- c) Describe the Science and Philosophy of Homoeopathic Materia Medica in detail.
- d) Compare guiding indications of Hepar sulph and Silicea.

Long answer question (**any one** from Q. No. 5, 6 and 7)

5. Long answer question :

(1×20=20)

Define Biochemic system of Medicine and give a note of its history, concepts and principle.
Explain the major difference of it with Homoeopathic system of Medicine.

6. Long answer question :

(1×20=20)

Describe in detail the drug picture of Thuja.

7. Long answer question :

(1×20=20)

Describe in detail the drug picture of Pulsatilla.



04211 B

Second B.H.M.S. (2015) Examination, Summer 2017
PATHOLOGY AND BACTERIOLOGY AND PARASITOLOGY – II

Total Duration : 3 Hours

Total Marks : 100

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1. Write short answer (any ten out of fifteen) : (10×2=20)
- A) Give 4 examples of Gram negative bacilli.
 - B) Give 4 toxins of staphylococci.
 - C) Name 2 media for *Vibrio cholerae*.
 - D) Describe colonies of human type of *Mycobacterium tuberculosis* on Lowenstein Jenson medium.
 - E) What is pseudomembrane of *Corynebacterium diphtheriae* made up of ?
 - F) Name 4 parasites producing anaemia.
 - G) Mention 2 parasitic infections in which Man acts as an intermediate host.
 - H) Enumerate 4 parasites transmitted through contaminated food.
 - I) Name methods of reproduction of *Plasmodium*.
 - J) Enumerate serological tests of diagnosis of Syphilis.
 - K) Enumerate 4 parasites which can be detected in stool examination.
 - L) Name 4 DNA viruses.
 - M) Name 2 diseases caused by *Varicella zoster* virus.
 - N) Write 2 differences between viruses and bacteria.
 - O) Enumerate 3 dermatophytes.

P.T.O.



2. Write short answer (**any four** out of six) :

(4×5=20)

- a) Antistreptolysin O Titre
- b) Virulence factors of *Clostridium tetani*
- c) *Trichomonas vaginalis*
- d) Hydatid cyst
- e) Human influenza virus
- f) Bacterial spore.

3. Write short answer (**any four** out of six) :

(4×5=20)

- a) Peripheral blood smear examination in *Plasmodium* highlighting thick and thin smears.
- b) Bacterial growth curve.
- c) Enumerate and describe different types of hosts in parasitic infections with examples.
- d) Different routes of infection.
- e) Basic structure of viruses.
- f) Laboratory diagnosis of Hepatitis B Virus.

4. Long answer question (**any two** out of four) :

(2×10=20)

- a) What are the methods of sterilisation by moist heat ? Discuss sterilisation by moist heat under pressure in detail.
- b) Define and classify medias mention advantages and disadvantages of each over other and examples of each types with its use.
- c) Write a note on morphology of various developmental forms of *Ancylostoma duodenale* and discuss its pathogenicity in detail.
- d) Describe morphology and life cycle of *Entamoeba histolytica*.

Long answer question (**any one** from Q. No. 5, 6 and 7) :

5. Long answer question :

(1×20=20)

Write in detail about the a case of pulmonary tuberculosis with respect to morphology, pathogenesis and laboratory diagnosis.

6. Long answer question :

(1×20=20)

Discuss morphology, life cycle, pathogenicity and laboratory diagnosis of *Ascaris lumbricoides*.

7. Long answer question :

(1×20=20)

Discuss in detail morphology, pathogenesis and laboratory diagnosis of HIV.

Second B.H.M.S. (2015) Examination, Summer 2017
ORGANON OF MEDICINE

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1. Write short answer (**any ten** out of fifteen) :

(10×2=20)

- A) Define causa occasionalis.
- B) Write two contributions of Dr. Mahendralal Sirkar.
- C) Define doctrine of drug proving.
- D) State Nature's law of cure.
- E) Define accessory symptom of disease with example.
- F) Define case taking.
- G) Write four primary manifestations of Psora.
- H) Mention four indications of palliation according to Dr. Hahnemann.
- I) Define primary action of medicine with one example.
- J) Define totality of symptoms.
- K) Define Health according to Dr. Hahnemann.
- L) Define sick according to Dr. Kent.
- M) Write four contributions of Dr. Hering.
- N) Define emotion.
- O) Define unprejudiced observer.

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2. Write short answer (**any four** out of six) :

(4×5=20)

- a) Actions of medicine.
- b) Ideals of cure.
- c) Secondary action of medicine.
- d) Individualisation.
- e) Knowledge of true physician.
- f) Contributions of Dr. Boenninghausen.

3. Write short answer (**any four** out of six) :

(4×5=20)

- a) Acute disease.
- b) Non miasmatic diseases.
- c) Memory.
- d) Sources of totality.
- e) Characteristic symptom.
- f) Differentiate cure and palliation.

4. Long answer question (**any two** out of four) :

(2×10=20)

- a) Explain logic according to Dr. S. Close.
- b) Write origin, evolution and spread of homoeopathy in India.
- c) Define susceptibility. Write factors affecting it. What is the role of susceptibility in homoeopathic prescription ?
- d) Write conversion of Dr. Kent to Homoeopathy with his contributions.

Long answer question (**any one** from Q. No. 5, 6 and 7) :

5. Long answer question :

(1×20=20)

Explain different systems of medicine with their advantages and disadvantages.

6. Long answer question :

(1×20=20)

Write in detail cardinal principles of Homoeopathy.

7. Long answer question :

(1×20=20)

Enumerate the life history of Dr. Hahnemann. Write his contributions.



04211 A

Second B.H.M.S. (2015) Examination, Winter 2017
PATHOLOGY AND BACTERIOLOGY AND PARASITOLOGY – I

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Total Marks : 100

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1. Write short answer (any ten out of fifteen) :

(10×2=20)

- A) Define Hyperaemia and write its types.
- B) Routes of infection.
- C) Define Hyperplasia with examples.
- D) Granuloma.
- E) Define Leucopenia and Leucocytosis.
- F) Physical carcinogens.
- G) Antigen.
- H) Megaloblastic anaemia.
- I) Polycythemia.
- J) 4 distinguishing features of pathology Crohn's disease.
- K) Goitre.
- L) Glossitis.
- M) Causes of Acute Renal failure.
- N) Definition and types of Cardiomyopathy.
- O) Write names of COPD'S.

P.T.O.

04211 A

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2. Write short answer (any four out of six) :

(4×5=20)

- a) Thrombosis.
- b) Necrosis.
- c) Write five differentiating features between Transudate and Exudate Fluids.
- d) Hyaline Degeneration.
- e) Laboratory diagnosis of Myocardial Infarction.
- f) Lepromin test.

3. Write short answer (any four out of six) :

(4×5=20)

- a) Acute Pyelonephritis.
- b) Hepatitis.
- c) Aetiopathogenesis of Emphysema.
- d) Protein Energy Malnutrition.
- e) Importance of bleeding time and clotting time.
- f) Hemoglobinopathies.

4. Long answer question (any two out of four) :

(2×10=20)

- a) Define and explain Hypersensitivity reactions.
- b) Define Gangrene. Explain types of gangrene with examples.
- c) Complications of Diabetes Mellitus.
- d) Describe Pancreatitis. Write its types, aetiopathogenesis, pathological features and Lab diagnosis.

Long answer question (any one from Q. No. 5, 6 and 7)

5. Long answer question :

(1×20=20)

Define Immunity. Describe Cell mediated and Humoral Immunity. Write a note on Secondary immunodeficiency disease.

6. Long answer question :

(1×20=20)

Define Lobar Pneumonia. Write aetiology, pathologic changes and complications of Lobar Pneumonia.

7. Long answer question :

(1×20=20)

Define and classify Shock. Write aetiopathogenesis and complications of shock. Write Morphologic features of Shock in Organs.

Second B.H.M.S. (2015) Examination, Winter 2017
PATHOLOGY AND BACTERIOLOGY AND PARASITOLOGY – II

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1. Write short answer (**any ten out of fifteen**) :

(10×2=20)

- A) Organs of locomotion in Bacteria.
- B) 4 Gram positive Bacteria.
- C) Morphology of Pneumococci.
- D) Give 4 toxins produced by Staphylococcus.
- E) Different culture media use for Vibrio Cholerae.
- F) Name 4 intestinal Parasite.
- G) Host of Trypanosoma Cruzi.
- H) Name the Larval form of T. Saginata and T. Solium.
- I) 4 Characteristics of Cestodes.
- J) NIH swab.
- K) Name 4 Parasites in which examination of faeces is important.
- L) Name 4 RNA Virus.
- M) Name 2 viruses that produces Respiratory diseases.
- N) Give structure of HIV Virus.
- O) Give 4 classes of Fungi.

P.T.O.

2. Write short answer (any four out of six) :

(4×5=20)

- a) Pathology and Lab diagnosis of Mycobacterium Tuberculae.
- b) Cultural Characteristics of Meningococci.
- c) Enterobius vermicularis.
- d) Hydatid cyst.
- e) Dengue Virus.
- f) Streak Culture.

3. Write short answer (any four out of six) :

(4×5=20)

- a) Widal Test
- b) Staining properties of Bacteria
- c) Characteristics of Protozoas
- d) Hospital Acquired infection
- e) Properties of Virus
- f) Candida albicans.

4. Long answer question (any two out of four) :

(2×10=20)

- a) What is Sterilization ? Enumerate all the different types of sterilization with Physical and Chemical methods.
- b) Define Infection. Enumerate source and methods of transmission of infection.
- c) Morphology and life cycle of Ancylostoma Duodenale.
- d) Define virus and discuss etiopathogenesis of viral hepatitis along with lab investigation.

Long answer question (any one from Q. No. 5, 6 and 7)

5. Long answer question :

(1×20=20)

Describe Morphology cultural characteristics, Pathogenesis and lab diagnosis of Streptococcus pyogenes.

6. Long answer question :

(1×20=20)

Describe morphology, life cycle, Pathogenesis and lab diagnosis of Entamoeba Histolytica.

7. Long answer question :

(1×20=20)

Define culture media. Describe different types of cultural media and its use.



04213

Second B.H.M.S. (2015) Examination, Winter 2017
HOMOEOPATHIC MATERIA MEDICA

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Total Marks : 100

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1. Write short answer (any ten out of fifteen) :

(10×2=20)

- A) Define doctrine of signature with any one example.
- B) Define Modalities.
- C) Name any two books of Anatomical Materia Medica.
- D) Enumerate four sources of Homoeopathic Materia Medica.
- E) Name any two books of Comparative Materia Medica.
- F) Write the trio of pain.
- G) Write Common name and family of *Allium Cepa*.
- H) Write the Trio of thirst.
 - I) Write sensation of *Drosera* in the larynx.
 - J) Write the modalities of *Arsenic Album*.
 - K) Write characteristic desire and aversion of *Natrum Muraticum*.
 - L) Write the constipation of *Nux Vomica*.
 - M) Write the constitution of *Aethusa Baby*.
 - N) Write characteristic symptoms of menstrual complaint of *Euphrasia*.
 - O) Write common name and family of *Rhus Toxicodendron*.

P.T.O.



2. Write short answer (**any four** out of six) : (4×5=20)
- a) Write the rectal complaints of Aloe Socotrina.
 - b) Describe the injury of Arnica Montana.
 - c) Write the joint pains and modalities of Bryonia Alba.
 - d) Write the female complaints of Pulsatilla.
 - e) Write the Respiratory complaints of Natrum Sulphuricum.
 - f) Describe the skin complaints of Hepar Sulph.
3. Write short answer (**any four** out of six) : (4×5=20)
- a) Write guiding indications of Gelsemium.
 - b) Describe the Calcarea Carb baby.
 - c) Write the basic concept and construction of Homoeopathic materia medica.
 - d) Write the various methods of studying Homoeopathic Materia Medica.
 - e) Write any four sources Homoeopathic Materia Medica.
 - f) Write the differences between Homoeopathic and Biochemic system of medicine.
4. Long answer question (**any two** out of four) : (2×10=20)
- a) Compare and contrast Allium Cepa and Euphrasia in Respiratory complaints.
 - b) Compare and contrast gastric complaints of Colocynthis and Magnesium Phosphoricum.
 - c) Compare and contrast Baptisia Tinctoria and Gelsemium in typhoid fever.
 - d) Compare and contrast Child of Cina and Chamomilla.
- Long answer question (**any one** from Q. No. 5, 6 and 7)
5. Long answer question : (1×20=20)
Write the biochemic indications of Calcarea Phosphoricum in detail.
6. Long answer question : (1×20=20)
Define Homoeopathic Materia Medica and write scope and Limitations of Homoeopathic Materia Medica.
7. Long answer question : (1×20=20)
Describe in detail drug picture of Lycopodium Clavatum.
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**Second B.H.M.S. (2015) Examination, Winter 2017
ORGANON OF MEDICINE**

Total Duration : 3 Hours

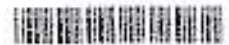
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1. Write short answer (any ten out of fifteen) :

(10×2=20)

- A) Define Health
- B) Inductive logic
- C) Contribution of kent
- D) Vital force
- E) Disease
- F) Objective symptom
- G) Susceptibility
- H) Natures law of cure
- I) Contribution of Boenninghausen
- J) Complex disease
- K) Secondary action
- L) Two disadvantage of allopathy
- M) Cause occasionalis
- N) Remedy
- O) Exciting cause.



2. Write short answer (**any four** out of six) :

(4×5=20)

- a) Mission of physician
- b) Aph. 26
- c) Action of medicine
- d) Psora
- e) Law of minimum
- f) Conversion of kent.

3. Write short answer (**any four** out of six) :

(4×5=20)

- a) Three necessary point for cure
- b) Acute disease
- c) Emotions
- d) Aph. 83
- e) Keynote symptoms
- f) Concept of cure.

4. Long answer question (**any two** out of four) :

(2×10=20)

- a) What is memory ? Describe its types in detail.
- b) Write down spread of Homeopathy in India.
- c) What is susceptibility ? Write in detail.
- d) Write life history of Constantine Hering.

Long answer question (**any one** from Q. No. 5, 6 and 7) :

5. Long answer question :

(1×20=20)

Write biography of Hahnemann including education, medical practice and discovery of Homeopathy.

6. Long answer question :

(1×20=20)

What happen when two dissimilar disease meet together in body ?

7. Long answer question :

(1×20=20)

What is case taking and describe analysis and evaluation in details ?



04214

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ORGANON OF MEDICINE

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1. Write short answer (**any ten** out of fifteen) :

(10x2=20)

- A) Mission of Physician.
- B) Hufeland's Statement.
- C) State Homoeopathic Law of Quantity and Dose.
- D) Define Susceptibility According To Dr. James T. Kent.
- E) How Many Minimum Characteristic Symptoms Required to Prescribe According Dr. Hering.
- F) Which Symptom Rank Highest in Analysis of Case.
- G) What is Medical Rogues Gallery ?
- H) Define Lucid dreams.
- I) Write any two Contributions of Dr. Kent.
- J) Why Medicines are not Proved on Animals ?
- K) Write two Examples of Palliative method.

P.T.O.



- L) Define Suspended Animation with one condition.
- M) Write First Possibility of Law of Dissimilars.
- N) Name the Physician Who Treated Ishwarchandra Vidyasagar.
- O) State Four Criteria of Law of Direction of Cure.

2. Write short answer (**any four** out of six) : (4x5=20)

- a) Explain Vital Force as Expressed in Function in Health.
- b) Fixed Principles.
- c) Brousseauic Method of Treatment.
- d) Complex Disease.
- e) Theory of Chronic Disease.
- f) Conversion of Dr.Constantine Hering.

3. Write short answer (**any four** out of six) (4x5=20)

- a) Acute Disease.
- b) True Natural Chronic Disease.
- c) Explain Conflict with it's types.
- d) Special Directions By Dr.Hahnemann During Case Taking in Chronic Diseases of Females.
- e) Objective Symptom and its Significance.
- f) Dr.Hahnemann's concept of Disease.

4. Long answer question (**any two** out of four) : (2x10=20)

- a) Write in detail about the Major Events took place during The Renaissance Period with contributions of Paracelsus.
- b) Write in detail about Spread of Homoeopathy in India.
- c) Explain totality of Symptoms is the only Guide in the choice of the remedy.
- d) Write in detail about Life, Conversion and Contributions of Dr. Boenninghausen.



Long answer question (**any one** from Q. No. 5, 6 and 7) :

5. Long answer question : (1x20=20)

Explain how Dr. Samuel Hahnemann's early days of Life made him a Wonderful Man to form a key to his future with note on his contributions.

6. Long answer question : (1x20=20)

For Individualizing examination of a case of disease, State General Instructions Given by Dr. Samuel Hahnemann.

7. Long answer question : (1x20=20)

State how the Therapeutic Law of nature can be applied in the treatment of the patients.



04213

Second B.H.M.S. (2015) Examination, Summer 2018
HOMOEOPATHIC MATERIA MEDICA

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) :

(10×2=20)

- A) Write the name who introduced biochemic system and in which year ?
- B) Define drug.
- C) Define doctrine of signature.
- D) What do you mean by concomitants and give example.
- E) Define homoeopathic materia medica.
- F) Cause of constipation in Arnica Montana.
- G) Describe the tongue of Antimonium crudum.
- H) Write common name and family of Thuja occidentalis.
 - I) Write important modalities of Natrum sulphuricum.
 - J) Write any two important indications of Calcarea phosphorica.
 - K) Write any two characteristic mental symptoms of Argentum Nitricum.
 - L) Write stools of Silicea.
 - M) Write any two characteristic symptoms of kali sulphuricum in skin.
 - N) Write characteristic tongue and side affinity of Rhus Tox.
 - O) Write characteristic pain of Allium cepa.

P.T.O.



2. Write short answer (**any four** out of six) :

(4×5=20)

- a) Guiding symptoms of *Aethusa cynapium*.
- b) Respiratory complaints of *Drosera rotundifolia*.
- c) Rectal complaints of *Aloe socotrina*.
- d) Guiding symptoms of *lycopodium clavatum*.
- e) Write skin complaints of *Hepar sulphur*.
- f) Guiding symptoms of *Cina*.

3. Write short answer (**any four** out of six) :

(4×5=20)

- a) Guiding symptoms of *Ipecacunha*.
- b) Describe headache of *Natrum muriaticum*.
- c) Scope and limitations of Homoeopathic Materia Medica.
- d) Write down various sources of Homoeopathic drugs.
- e) Describe in detail about empirical and accidental source.
- f) Describe in detail about knowledge of chemistry and knowledge of toxicology sources.

4. Long answer question (**any two** out of four) :

(2×10=20)

- a) Describe *Chamomilla* child.
- b) Compare and contrast *Arnica montana* and *Calendula* in injury.
- c) Compare and contrast *Gelsemium* and *Baptisia* in fever.
- d) Describe different types of Homoeopathic materia medica.

Long answer question (**any one** from Q. No. 5, 6 and 7)

5. Long answer question :

(1×20=20)

Define Homoeopathy and describe in detail about different ways of studying homoeopathic materia medica.

6. Long answer question :

(1×20=20)

Describe in detail the drug picture of *Silicea*.

7. Long answer question :

(1×20=20)

Describe in detail the drug picture of *Nux vomica*.



2. Write short answer (**any four** out of six) :

(4×5=20)

- a) Police Inquest.
- b) Sec. 320
- c) Algor mortis.
- d) Lochia.
- e) Workman's Compensation Act.
- f) Sexual Perversion.

3. Write short answer (**any four** out of six) :

(4×5=20)

- a) Chelating agent.
- b) Various schedules of poisons.
- c) Lead encephalopathy.
- d) Kerosene poisoning.
- e) Food Poisoning.
- f) Korsakoff's psychosis.

4. Long answer question (**any two** out of four) :

(2×10=20)

- a) Rule of nine.
- b) Define autopsy, what are the objectives of medicolegal post-mortem examination ?
- c) Define Hanging, types, its signs and symptom cause of death and PM appearance.
- d) What is natural sexual offences, examination of a victim of rape case ?

Long answer question (**any one** from Q. No. 5, 6 and 7)

5. Long answer question.

(1×20=20)

Explain organophosphorus compounds with reference to

- a) Signs and symptom
- b) Treatment
- c) P M finding
- d) Medicolegal aspects.



6. Long answer question.

(1×20=20)

Give details of Classification of Poisons

- a) Sign and symptom of Cardiac poisoning
- b) P M finding of death due to sulphuric acid poisoning
- c) Medicolegal aspect of alcohol poisoning
- d) Treatment, Fatal dose, Fatal period and PM finding of datura

7. Long answer question.

(1×20=20)

Give details of

- a) Universal antidote
 - b) Human poisoning and cattle poisoning
 - c) Various routes of administration of poison
 - d) Duties of doctor in case of suspected poisoning.
-

Second B.H.M.S. (2015) Examination, Summer 2018
PATHOLOGY AND BACTERIOLOGY AND PARASITOLOGY – I

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw **diagrams wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (any ten out of fifteen) : (10×2=20)
- A) What is Phagocytosis? Name three steps in Phagocytosis.
 - B) Enlist different Endogenous Pigments appear in Pigment disorders.
 - C) List 3 major types of shock with suitable examples.
 - D) Complications of wound healing.
 - E) Types of Hyaline change with it's examples.
 - F) Features of anaplasia.
 - G) Define Herd Immunity.
 - H) Define Kwashiorkor & Write microscopic changes in liver.
 - I) Name four Haemoglobinopathies.
 - J) Four risk factors of Gall stones.
 - K) Serum markers of Acute pancreatitis.
 - L) Enlist etiological factors of Peptic ulcers.
 - M) Serum markers of Ischaemic Heart Disease.
 - N) Enlist complications of Fracture healing.
 - O) Define Emphysema with classification of true Emphysema .



2. Write short answer (**any four** out of six) : (4×5=20)
- Define Granuloma with it's composition.
 - Difference between Transudate and Exudate.
 - Nutmeg Liver.
 - Definition and Types of Emboli.
 - Indications and contraindications of Bone marrow aspiration.
 - Proteinuria.
3. Write short answer (**any four** out of six) : (4×5=20)
- Bronchial asthma.
 - Leiomyoma of uterus.
 - Discuss in short about Acute renal Failure.
 - C.S.F. changes in Pyogenic Meningitis.
 - Importance of sputum Examination.
 - Megaloblastic anemia.
4. Long answer question (**any two** out of four) : (2×10=20)
- Define and classify Immunity. Explain the different types of Immunity with Examples.
 - Define Thrombosis. Explain Virchow's Triad of Thrombosis. Add a note on Fate of Thrombus.
 - Cirrhosis of liver.
 - Discuss pathogenesis and morphology of Rheumatic heart disease.
- Long answer question (**any one** from Q. No. 5, 6 and 7) :
5. Long answer question : (1×20=20)
Define Pneumonia with its classification .Pathogenesis of Lobar pneumonia .Add a note on complications of Lobar Pneumonia.
6. Long answer question : (1×20=20)
Define and classify Arteriosclerosis. Discuss the etiology and pathogenesis of Atherosclerosis. Mention complications of the same.
7. Long answer question : (1×20=20)
Enumerate Antigen Antibody reactions. Describe the principle and clinical applications of agglutination reactions with suitable examples.
-

Second B.H.M.S. (2015) Examination, Summer 2018
PATHOLOGY & BACTERIOLOGY & PARASITOLOGY – II

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) :

(10x2=20)

- A) Mention types of Staphylococcus.
- B) Name the Toxins of Streptococcus.
- C) Morphology of Neisseria Meningococcus.
- D) Name two sporing bacteria.
- E) Mention principal of Gram's staining.
- F) Write the types of female Nematodes.
- G) Contents of Hydatid cyst.
- H) Define Cysticercus cellulase.
- I) Which are the types of Plasmodium ?
- J) What are the types of Agglutination in Widal test ?
- K) Charcot Leyden crystals.
- L) Name two malignancies associated with HIV infection.

04211 A



2. Write short answer (**any four** out of six) :

(4×5=20)

- a) Define Granuloma with its composition.
- b) Difference between Transudate and Exudate.
- c) Nutmeg Liver.
- d) Definition and Types of Emboli.
- e) Indications and contraindications of Bone marrow aspiration.
- f) Proteinuria.

3. Write short answer (**any four** out of six) :

(4×5=20)

- a) Bronchial asthma.
- b) Leiomyoma of uterus.
- c) Discuss in short about Acute renal Failure.
- d) C.S.F. changes in Pyogenic Meningitis.
- e) Importance of sputum Examination.
- f) Megaloblastic anemia.

4. Long answer question (**any two** out of four) :

(2×10=20)

- a) Define and classify Immunity. Explain the different types of Immunity with Examples.
- b) Define Thrombosis. Explain Virchow's Triad of Thrombosis. Add a note on Fate of Thrombus.
- c) Cirrhosis of liver.
- d) Discuss pathogenesis and morphology of Rheumatic heart disease.

Long answer question (**any one** from Q. No. 5, 6 and 7) :

5. Long answer question :

(1×20=20)

Define Pneumonia with its classification. Pathogenesis of Lobar pneumonia. Add a note on complications of Lobar Pneumonia.

6. Long answer question :

(1×20=20)

Define and classify Arteriosclerosis. Discuss the etiology and pathogenesis of Atherosclerosis. Mention complications of the same.

7. Long answer question :

(1×20=20)

Enumerate Antigen Antibody reactions. Describe the principle and clinical applications of agglutination reactions with suitable examples.



Long answer question (**any one** from Q. No. 5, 6 and 7) :

5. Long answer question :

(1x20=20)

Describe in detail Morphology, cultural characteristics, pathogenesis and Lab. diagnosis of Mycobacterium Tuberculosis.

6. Long answer question :

(1x20=20)

Describe in detail the Morphology, Life cycle, pathogenesis and Lab. diagnosis of Ascaris Lumbricoides.

7. Long answer question :

(1x20=20)

Describe in detail the structure, pathogenesis and lab. diagnosis of HIV virus.



04211 A

Second B.H.M.S. (2015) Examination, Winter 2018
PATHOLOGY & BACTERIOLOGY & PARASITOLOGY – I

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) :

(10×2=20)

- a) Give 4 causes of pathologic atrophy with examples.
- b) Define amyloidosis.
- c) Enumerate the 5 cardinal signs of inflammation.
- d) Define 'hyperaemia' and 'congestion'.
- e) Define metaplasia.
- f) Give 4 differences between benign & malignant neoplasms.
- g) Write 4 differences between active immunity & passive immunity.
- h) Enumerate 2 metabolic changes in starvation.
 - i) Give 2 causes for eosinophilia.
 - j) Define Crohn's disease.
- k) Enumerate causes for predominantly unconjugated hyperbilirubinaemia.
 - l) Give 2 important causes for acute pancreatitis.
- m) Enumerate 4 main types of urinary calculi.
- n) Enumerate the major criteria in the modified Jones' criteria for the diagnosis of rheumatic fever.
- o) Give 2 important causes for bronchogenic carcinoma.

P.T.O.



2. Write short answer (**any four** out of six) : (4×5=20)
- a) Caseous necrosis.
 - b) Deep vein thrombosis.
 - c) Chronic Venous Congestion of lung.
 - d) Granuloma.
 - e) Early diagnosis of cervical cancer.
 - f) Ketonuria.
3. Write short answer (**any four** out of six) : (4×5=20)
- a) Aetiopathogenesis of goitre.
 - b) Differentiate between benign & malignant ^{tumours.} gastric ulcers.
 - c) Risk factors of atherosclerosis
 - d) Differentiate between intrinsic & extrinsic asthma.
 - e) Enumerate the various elements examined in the bone marrow smear with their significance.
 - f) Morphological classification of anaemias.
4. Long answer question (**any two** out of four) : (2×10=20)
- a) Define healing. Discuss healing by second intention.
 - b) Write in short about primary & secondary lymphoid organs.
 - c) Enumerate the complications of diabetes mellitus.
 - d) Write in detail about the pathogenesis and gross & microscopic features of alcoholic liver cirrhosis.

Long answer question (**any one** from Q. No. 5, 6 and 7)

5. Long answer question : (1×20=20)
- Define oedema. Describe mechanism behind pathogenesis of renal oedema. Explain the aetiopathogenesis of acute & chronic glomerulonephritis.
6. Long answer question : (1×20=20)
- Define Immunity. Describe cell mediated & humoral immunity, write a note on secondary immunodeficiency disease.
7. Long answer question : (1×20=20)
- Define infarction. What are the factors governing the development of an infarct ? Discuss the aetiopathogenesis and gross & microscopic features of myocardial infarct.
-



04211 B

Second B.H.M.S. (2015) Examination, Winter 2018
PATHOLOGY AND BACTERIOLOGY AND PARASITOLOGY – II

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) :

(10×2=20)

- A) Define Koch's postulate.
- B) Characters of gram negative bacterial cell wall, name two gram negative bacteria.
- C) Enlist organisms causing sore throat.
- D) Name bacteria which produces syphilis with its stages.
- E) Give two examples of enrichment media.
- F) Define and mention two zoonotic infections.
- G) Define healthy carrier. Enumerate various types of carriers with examples.
- H) What is protozoa ? Name some protozoa which are pathogenic to man.
- I) Enlist lesion produce by Entamoeba Histolytica.
- J) Enumerate Parasites that can be found Commonly in Stool of Human Being.
- K) Name two rapid test for diagnosis of Cholera.
- L) Enlist any four General Morphological characters of virus.
- M) Mention any four laboratory investigation for viral diseases.
- N) Name root of entry of all virus that cause hepatitis.
- O) Name the fungus and its toxins appear on groundnut which produces liver damage.

P.T.O.

04211 B



2. Write short answer (**any four** out of six) : (4×5=20)
- a) Pathogenesis and Morphology of streptococci.
 - b) Define endotoxin. Name toxin produced by *CORYNEBACTERIUM DIPHTHERIAE*.
 - c) Elephantitis.
 - d) Hydatid Cyst.
 - e) Explain laboratory investigations for Swine Flu.
 - f) Explain Chemical Disinfectants.
3. Write short answer (**any four** out of six) : (4×5=20)
- a) Widal Test.
 - b) Toxic shock syndrome.
 - c) General Laboratory investigations for parasitic infections.
 - d) Define infections. Discuss about different hospital infections.
 - e) Negri bodies.
 - f) Discuss about viral morphology and lesion produced by Mumps.
4. Long answer question (**any two** out of four) : (2×10=20)
- a) Define sterilization and discuss in short about different methods of sterilization add a note on principle of Autoclave.
 - b) Blood agar constituents, steps of preparations and uses.
 - c) Difference between Amoebic and Bacillary Dysentery.
 - d) Describe Morphology pathogenesis and laboratory investigations of *Ancylostoma Deodenale*.

Long answer question (**any one** from Q. No. 5, 6 and 7) :

5. Long answer question : (1×20=20)
Describe Morphology, Cultural characteristics, Pathogenicity and Lab diagnosis of *Mycobacterium Tuberculosis*.
6. Long answer question : (1×20=20)
Describe Morphological features, Route of transmission, Pathogenicity and Lab diagnosis of Human Immuno Deficiency Virus.
7. Long answer question : (1×20=20)
Describe Morphology, Life cycle, Pathogenicity and Laboratory Diagnosis of Malarial Parasite.
-



04212

Second B.H.M.S. (2015) Examination, Winter 2018
FORENSIC MEDICINE AND TOXICOLOGY

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (any ten out of fifteen) :

(10×2=20)

- A) Define inquest.
- B) Exhumation.
- C) Active principle of aconite.
- D) Name of peripheral nerve poisons.
- E) Define antidote.
- F) Fatal dose and fatal period of dhatura.
- G) Define forensic medicine.
- H) Dactylography.
- I) IPC for rape and injury.
- J) Antidote for opium poisoning.
- K) Bansdola.
- L) Fatal dose and fatal period of phenol.
- M) What is defence wound ?
- N) Name of two emetics.
- O) Two active principle of nux vomica.

P.T.O.



2. Write short answer (**any four** out of six) : (4×5=20)
- a) MTP ACT.
 - b) Rigor Mortis.
 - c) Artificial insemination and its types.
 - d) Virginity.
 - e) Presumptive signs of pregnancy in detail.
 - f) SIDS with its medicolegal importance.

3. Write short answer (**any four** out of six) : (4×5=20)
- a) Food poisoning.
 - b) Drug and Cosmetic Act.
 - c) Colocynthis poisoning.
 - d) PM appearance and medicolegal aspect of Hydrocyanic acid.
 - e) Stages produced by acute opium poisoning.
 - f) Alcohol poisoning.

4. Long answer question (**any two** out of four) : (2×10=20)
- a) What is hanging ? write in detail about types of hanging.
 - b) Write in detail about rape.
 - c) What is personal identity ? Write medicolegal importance of age, sex, race and write about tatoo mark.
 - d) Define injury and write in detail about abrasion.

Long answer question (**any one** from Q. No. 5, 6 and 7).

5. Long answer question : (1×20=20)

Describe in detail about lead poisoning.

6. Long answer question : (1×20=20)

Describe arsenic poisoning in detail.

7. Long answer question : (1×20=20)

Define poison. Name route of administration of poison. Describe action of poison. Write factors modifying action of poison. Describe the methods of removal of unabsorbed poison.



04213

Second B.H.M.S. (2015) Examination, Winter 2018
HOMOEOPATHIC MATERIA MEDICA

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) :

(10×2=20)

- A) Define Homoeopathy.
- B) Define Homoeopathic Materia Medica.
- C) Define Materia Medica Pura.
- D) Define Symptom.
- E) Define sign.
- F) Write the common name and family of Aconite Napellus.
- G) Write the characteristic thirst and tongue of Bryonia alba.
- H) Write the thermal relation and diathesis of Calcerea phos. child.
- I) Write the desires of Cina baby.
- J) Write common name and chemical formula of Natrum muriaticum.
- K) Write the causation of complaints in Colocynthis.
- L) Write the common name and family of Thuja occidentalis.
- M) Write down characteristic tongue and side affinity of Rhus tox.
- N) Write the general modalities of Nux vomica.
- O) Write the characteristic piles of Aloe socotrina.

P.T.O.



2. Write short answer (**any four** out of six) : (4×5=20)
- a) Write the eye complaints of *Euphrasia*.
 - b) Write the respiratory complaints of *Drosera rotundifolia*.
 - c) Write the guiding indications of *Allium cepa*.
 - d) Write the Fever of *Baptisia tinctoria*.
 - e) Write the Central nervous affection of *Gelsemium*.
 - f) Write the gastrointestinal disorders of *Arsenic album*.
3. Write short answer (**any four** out of six) : (4×5=20)
- a) Write the various types of Homoeopathic Materia Medica.
 - b) Write the different methods of studying Homoeopathic Materia Medica.
 - c) Explain various sources of Homoeopathic drugs.
 - d) Define constitution and describe various constitutions.
 - e) Write the biochemic indications of *Kali Muriaticum*.
 - f) Write the guiding indications of *Nux Vomica*.
4. Long answer question (**any two** out of four) : (2×10=20)
- a) Write the Mind complaints of *Argentum Nitricum*.
 - b) Write the *Chamomilla* baby.
 - c) Describe the *Pulsatilla* lady.
 - d) Compare injury of *Arnica montana* and *Calendula officinalis*.

Long answer question (**any one** from Q. No. 5, 6 and 7)

5. Long answer question : (1×20=20)
- What are the various sources of Homoeopathic Materia Medica and discuss in brief scope and limitations of Homoeopathic Materia Medica ?
6. Long answer question : (1×20=20)
- Write in detail the drug picture of *silicea*.
7. Long answer question : (1×20=20)
- Write in detail the drug picture of *lycopodium clavatum*.
-



04214

Second B.H.M.S. (2015) Examination, Winter 2018
ORGANON OF MEDICINE

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to **resort to unfair means**.
 - 3) **All questions are compulsory**.
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) :

(10×2=20)

- A) What is conjoint malady.
- B) Define epidemic disease.
- C) Write two examples of precipitating cause.
- D) Write two sources to collect totality of symptom.
- E) Write two advantages of record keeping.
- F) Write two significance of objective symptoms.
- G) State homoeopathic law of cure.
- H) Define unprejudiced observer.
- I) State functions of Id and Ego.
- J) Two contributions of father of american homoeopathy.
- K) Define Materia Peccans.
- L) Write two examples of causa occasionalis.
- M) State two characteristics of vital principles.
- N) Define auxiliary symptom.
- O) Write the name of book by Dr. Samuel Hahnemann on Miasms.

P.T.O.



2. Write short answer (**any four** out of six) : (4×5=20)
- a) Explain dynamic influence.
 - b) Examples of therapeutic law of nature.
 - c) Explain medicines are stronger than natural disease force.
 - d) Explain aphorism no. one.
 - e) Explain law of minimum.
 - f) Explain contributions of Dr. Kent.
3. Write short answer (**any four** out of six) : (4×5=20)
- a) Explain artificial chronic disease.
 - b) Explain acute miasms as per aphorism number 73.
 - c) Explain memory with it's Types.
 - d) Explain case taking in Hypochondriac Patients.
 - e) Explain characteristic symptoms.
 - f) Explain Dr. Hahnemann's concept of health and disease.
4. Long answer question (**any two** out of four) : (2×10=20)
- a) Explain perception with explaining difference between Illusion, delusion and hallucination.
 - b) Write in detail spread of Homoeopathy in Maharashtra.
 - c) Explain evaluation of symptoms according to Dr. Kent.
 - d) Write about conversion and contributions of Dr. Boenninghaussen.
- Long answer question (**any one** from Q. No. 5, 6 and 7)
5. Long answer question : (1×20=20)
Explain In Detail Logic.
6. Long answer question : (1×20=20)
Explain Susceptibility.
7. Long answer question : (1×20=20)
Explain with precise examples, What happens when two dissimilar natural diseases meet together in one person.
-

Second B.H.M.S. (2015) Examination, Summer (Phase - II) 2019
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY - I

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen): **[10 × 2 = 20]**
- a) Define degeneration mention two types of degeneration
 - b) Mention the types of pigments with one example of each type
 - c) Define shock
 - d) Define Gangrene mention its types
 - e) Define amyloidosis
 - f) Herd immunity
 - g) Teratoma
 - h) Etiology of pernicious anaemia
 - i) PAPS smear with respect to clinical indication and significance
 - j) Etiology of cirrhosis ANY TWO
 - k) Mention normal range of fasting and postprandial blood sugar levels and significance of glycosolated haemoglobin.
 - l) clinical and laboratory findings in hypothyroidism
 - m) Enumerate jones criteria any two and its significance
 - n) Tubercular meningitis with respect to C.S.F findings
 - o) Mention stages of lobar pneumonia

2. Write short answer (any four out of six).
 a) Chemical mediators in acute inflammation
 b) Etiopathogenesis of haemorrhage
 c) Cvc Liver
 d) Caseous necrosis
 e) Microscopic examination of urine
 f) Widal test
3. Write short answer (any four out of six): [4 × 5 = 20]
 a) Post streptococcal glomerulonephritis wrt microscopic pathology and laboratory investigations
 b) Hepatitis wrt etiology, pathogenesis and laboratory findings
 c) Fibroadenoma of breast
 d) Bronchial asthma with respect to definition and differentiate its types
 e) Laboratory investigations in nutritional anaemias
 f) Leukaemias with respect to definition classification and laboratory findings
4. Long answer question (any two out of four): [2 × 10 = 20]
 a) Define wound healing Describe and differentiate healing process by primary and secondary intention in detail with an example of each
 b) Define Thrombosis? Describe etiopathogenesis and fate of thrombosis
 c) Describe peptic ulcer in detail
 d) Write in detail about Acute myocardial infarction

Long answer question (any one from Q. No. 5, 6 and 7):

5. Define oedema. Describe etiopathogenesis of oedema & add notes on cardiac oedema & renal oedema. [1 × 20 = 20]
6. Define neoplasia Discuss neoplasia with respect to a) Types and differences b) Theories of carcinogenesis c) Ca colon d) laboratory markers of neoplasia [1 × 20 = 20]
7. Discuss Hypersensitivity with respect to a) definition and Types b) describe pathogenesis of each in brief c) one example of each type d) laboratory findings in each type. [1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Summer (Phase - II) 2019
PATHOLOGY & BACTERIOLOGY & PARASITOLOGY -II

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

I. Write short answer (any ten out of fifteen): [10 × 2 = 20]

- a) Write the cultural characteristic of *Clostridium tetani*.
- b) Write two Gram Negative cocci and two Gram Positive bacilli.
- c) Culture medias used for *Vibrio cholerae*.
- d) Write antigenic structure of *E.coli*.
- e) Write two differences between Bacteria and Viruses.
- f) Vector transmission with examples.
- g) Write four differences between Amoebic & Bacillary Dysentery.
- h) NIH Swab.
- i) Host of Guinea Worm.
- j) Mention the parasites responsible for Tropical Eosinophilia.
- k) Write any two lab investigations in Dengue Fever.
- l) Name two Viruses that produce Respiratory Diseases.
- m) Name two examples of RNA Viruses.
- n) What is Bacteriophage? Give two examples.
- o) Write name of two Mycoses.

2. Write short answer (**any four** out of six).
 a) Chemical mediators in acute inflammation
 b) Etiopathogenesis of haemorrhage
 c) Cvc Liver
 d) Caseous necrosis
 e) Microscopic examination of urine
 f) Widal test
3. Write short answer (**any four** out of six): [4 × 5 = 20]
 a) Post streptococcal glomerulonephritis wrt microscopic pathology and laboratory investigations
 b) Hepatitis wrt etiology ,pathogenesis and laboratory findings
 c) Fibroadenoma of breast
 d) Bronchial asthma with respect to defintion and differentiate its types
 e) Laboratory investigations in nutritional anaemias
 f) Leukaemias with respect to definition classification and laboratory findings
4. Long answer question (**any two** out of four): [2 × 10 = 20]
 a) Define wound healing Describe and differentiate healing process by primary and secondary intention in detail with an example of each
 b) Define Thrombosis? Describe etiopathogenesis and fate of thrombosis
 c) Describe peptic ulcer in detail
 d) Write in detail about Acute myocardial infarction

Long answer question (any one from Q. No. 5, 6 and 7):

5. Define oedema . Describe etiopathogenesis of oedema &add notes on cardiac oedema & renal oedema. [1 × 20 = 20]
6. Define neoplasia Discuss neoplasia with respect to a) Types and differences b) Theories of carcinogenesis c) Ca colon d) laboratory markers of neoplasia [1 × 20 = 20]
7. Discuss Hypersensitivity with respect to a)definition andTypes b)describe pathogenesis of each in brief c)one example of each type d)laboratory findings in each type. [1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Summer (Phase - II) 2019
PATHOLOGY & BACTERIOLOGY & PARASITOLOGY -II

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen): [10 × 2 = 20]

- a) Write the cultural characteristic of *Clostridium tetani*.
- b) Write two Gram Negative cocci and two Gram Positive bacilli.
- c) Culture medias used for *Vibrio cholerae*.
- d) Write antigenic structure of *E.coli*.
- e) Write two differences between Bacteria and Viruses.
- f) Vector transmission with examples.
- g) Write four differences between Amoebic & Bacillary Dysentery.
- h) NIH Swab.
- i) Host of Guinea Worm.
- j) Mention the parasites responsible for Tropical Eosinophilia.
- k) Write any two lab investigations in Dengue Fever.
- l) Name two Viruses that produce Respiratory Diseases.
- m) Name two examples of RNA Viruses.
- n) What is Bacteriophage? Give two examples.
- o) Write name of two Mycoses.

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2. Write short answer (any four out of six). [4 × 5 = 20]
a) Morphology & Cultural characteristic of *Clostridium welchii*.
b) Pathogenesis of *Treponema pallidum*. Describe VDRL.
c) Hydatid Cyst.
d) Lab diagnosis of Kala-Azar.
e) Influenza Virus.
f) Growth requirements of Bacteria.
3. Write short answer (any four out of six): [4 × 5 = 20]
a) Widal Test.
b) Bacterial Flagella.
c) Host-Parasite Relationship.
d) Bacterial Toxins.
e) Structure of HIV Virus.
f) Classification of Mycoses and Name sites of Dermatophytic Infection
4. Long answer question (any two out of four): [2 × 10 = 20]
a) Define Sterilization and Disinfection. Explain physical methods of sterilization.
b) What is Infection? Enumerate Classification, Sources and Methods of Transmission of Infection.
c) Describe Morphology and Life Cycle of *Ancylostoma duodenale*.
d) Describe Morphology and Pathogenesis of Hepatitis B.
- Long answer question (any one from Q. No. 5, 6 and 7):
5. Describe Morphology, Cultural characteristic, Pathogenesis and Lab diagnosis of *Staphylococci*. [1 × 20 = 20]
6. Describe Morphology, Life cycle, Pathogenesis and Lab diagnosis of *Wuchereria bancrofti*. [1 × 20 = 20]
7. Define Culture Media. Explain different types of Culture Media with examples. [1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Summer (Phase - II) 2019
FORENSIC MEDICINE AND TOXICOLOGY

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen):

[10 × 2 = 20]

- a) Define forensic nursing.
- b) Smothering.
- c) Fatal dose and fatal period of strychnine.
- d) Indecent assault.
- e) Active principle of yellow oleander.
- f) Lead line.
- g) Dangerous weapon.
- h) Antidote.
- i) Cocaine bug.
- j) Medical evidence.
- k) Fatal dose and fatal period of ricinus communis.
- l) Dead body challan.
- m) Inquest.
- n) What is artificial insemination.
- o) ~~Hase~~ rule.

Haase

2. Write short answer (**any four** out of six). [4 × 5 = 20]
- Mental Health Act.
 - Define injury? Describe classification of injury.
 - Hydrostatic test.
 - Impotency.
 - Rule of Nine.
 - Types of Abortion.
3. Write short answer (**any four** out of six): [4 × 5 = 20]
- Drug and Cosmetic Act 1940.
 - War gases.
 - CO₂ poisoning.
 - Sign and symptoms and treatment of barbiturates poisoning.
 - Differential diagnosis and treatment of organophosphorus poisoning.
 - Kerosene poisoning.
4. Long answer question (**any two** out of four): [2 × 10 = 20]
- What is asphyxia ? Write in detail about strangulation.
 - What is death? Mention types of death, medicolegal importance of rigor mortis.
 - Write in detail about infanticide.
 - Write in detail about contusion and laceration.

Long answer question (**any one** from Q. No. 5, 6 and 7):

5. Write in detail about mercury poisoning. [1 × 20 = 20]
6. Write in detail about phosphorus poisoning. [1 × 20 = 20]
7. Define poison. Describe classification of poison. Write action of poison. Explain general line of treatment of poisoning. [1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Summer (Phase - II) 2019
HOMOEOPATHIC MATERIA MEDICA

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen): **[10 × 2 = 20]**
- a) Define Homoeopathic materia medica.
 - b) Write two sources of Homoeopathic materia medica.
 - c) Write two names of Clinical type of Homoeopathic materia medica.
 - d) Define Clinical symptom and give one example.
 - e) Define Sign with one example.
 - f) Write two Keynotes of Aconitum N.
 - g) Write four remedies for Injury.
 - h) Write the cough of Drosera.
 - i) Write two modalities of Bryonia Alba.
 - j) Write the stools of Silicea.
 - k) Write the Trio of Pain.
 - l) Give the causation of complaints in Nux Vomica.
 - m) Write the constitution of Pulsatilla N.
 - n) Write the Common Name and Family of Arum Triphyllum.
 - o) Write two Keynotes of Thuja Occidentalis.

2. Write short answer (**any four** out of six). [4 × 5 = 20]
- Describe in brief the gastric complaints of *Colchicum Autumnale*.
 - Give the indications of *Rhus Toxicodendron* in Joint complaints with modalities.
 - Write the Keynote indications of *Hepar Sulph.*
 - Write the *Aethusa Baby* in detail.
 - Write the Respiratory complaints of *Antimonium Tartaricum*.
 - Describe the injury of *Bellis Perrenis*.
3. Write short answer (**any four** out of six): [4 × 5 = 20]
- Write the eye complaints of *Euphrasia*.
 - Write the indications of *Antimonium Crudum*.
 - Define the Biochemic system of medicine and write the differences with the Homoeopathic system.
 - Enumerate the various sources of Homoeopathic *Materia Medica*.
 - Write the Basic concept and construction of Homoeopathic *Materia Medica*.
 - Write the various ways of studying Homoeopathic *Materia Medica*.
4. Long answer question (**any two** out of four): [2 × 10 = 20]
- Compare and contrast the *Cina* and *Chamomilla Baby*.
 - Compare and Contrast *Apis* and *Lycopodium* in urinary complaints.
 - Describe the *Pulsatilla lady* in detail.
 - Write the various types of Homoeopathic *Materia Medicas* with examples.
- Long answer question (**any one** from Q. No. 5, 6 and 7):
5. Write the Scope and Limitations of Homoeopathic *Materia Medicas* in detail. [1 × 20 = 20]
6. Enumerate the twelve tissue remedies and write *Natrum Muriaticum* in detail. [1 × 20 = 20]
7. Write the drug picture of *Arsenicum Album* in detail. [1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Summer (Phase - II) 2019
ORGANON OF MEDICINE

Total Duration : 3 Hours

Total Marks : 100

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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen):

[10 × 2 = 20]

- ✓ a) Causa Occasionalis.
- b) What is Materia picans.
- c) P.Q.R.S Symptoms.
- d) Three Points Necessary For Cure.
- ✓ e) Write two contributions of Dr. Hering.
- ✓ f) Define Susceptibility.
- ✓ g) Define Complete Symptom.
- ✓ h) What is Emotion.
- ✓ i) Write Two Contributions of Dr. Boenninghausen.
- ✓ j) Write Four Criteria of Inductive Logic.
- k) Define Prima Causa Morbi.
- l) What is Unprejudiced Observation.
- ✓ m) Define Deductive Logic With Example.
- n) What is primary action.
- ✓ o) Define Subjective Symptom with one example.

2. Write short answer (**any four** out of six). [4 × 5 = 20]
- Secondary Action.
 - Suspended Animation.
 - Preserver of Health.
 - Criminal Treason Against Divine Homoeopathy.
 - Law of Simplex.
 - Contributions of Dr. Mahendralal Sirkar.
3. Write short answer (**any four** out of six): [4 × 5 = 20]
- Epidemic Disease.
 - Difference Between Acute And Chronic Miasm.
 - Memory.
 - Investigations of Maintaining Cause During Case Taking.
 - Totality of Symptoms.
 - Difference Between Cure And Recovery.
4. Long answer question (**any two** out of four): [2 × 10 = 20]
- Write Origin of ~~Ayurveda~~ ^{Homoeopathy} With The Concept of Health, Disease And Cure.
 - Spread of Homoeopathy In ~~America~~ ^{India}.
 - One Man's Meat Is Another Man's Poison' Explain In Reference To Susceptibility.
 - Write How Dr. Kent Was A Blend of Science, Reason, Experience And Faith With His Contributions For Homoeopathy.

Long answer question (any one from Q. No. 5, 6 and 7):

5. Write About Dr. Samuel Hahnemann's Life Focusing On His First Medical Practice, His Nomadic Life, Discovery of Homoeopathy and His Contributions. [1 × 20 = 20]
6. Write In Detail About Clinical Classification of Disease According To Dr. Hahnemann. [1 × 20 = 20]
7. Write In Detail About Heteropathy, Enantiopathy, Isopathy and Homoeopathy. [1 × 20 = 20]



Second BHMS (2015) Examination, Winter
(Phase - III All Other remaining UG/PG Course) - 2019
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY - I

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen): **[10 × 2 = 20]**
- a) Give 4 causes of fatty liver.
 - b) Define necrosis & enumerate its types.
 - c) Write 4 differentiating features between nephrotic & nephritic oedema.
 - d) Name 4 diseases in which chronic granulomatous inflammation is seen.
 - e) Give 2 possible causes of CVC liver.
 - f) Define 'anaplasia'.
 - g) Give 2 functions of T cells.
 - h) Name 4 conditions in which ESR is raised.
 - i) Give any 4 causes of lymphocytosis.
 - j) Give morphological classification of cirrhosis.
 - k) Give 4 differentiating features between duodenal & gastric ulcers.
 - l) Define hypothyroidism.
 - m) Write 2 differentiating features in CSF in acute pyogenic & viral meningitis.
 - n) Define angina pectoris.
 - o) Name 4 aetiologic microbial agents for lobar pneumonia.

2. Write short answer (**any four** out of six) :

[4 × 5 = 20]

- a) Hypovolaemic shock
- b) Define & classify amyloidosis.
- c) Differentiate between dry & wet gangrene.
- d) Hyaline degeneration
- e) Unconjugated hyperbilirubinaemia
- f) Fine Needle Aspiration Biopsy

3. Write short answer (**any four** out of six):

[4 × 5 = 20]

- a) Laboratory diagnosis of acute myocardial infarction
- b) Risk factors for cholelithiasis
- c) squamous cell carcinoma
- d) Aetiopathogenesis of chronic bronchitis
- e) Liver function test
- f) Iron deficiency anaemia

4. Long answer question (**any two** out of four):

[2 × 10 = 20]

- a) Explain the vascular & cellular changes in acute inflammation.
- b) Discuss the agglutination reactions in detail.
- c) Write in detail the difference between Crohn's disease & ulcerative colitis.
- d) Explain the classification & aetiopathogenesis of diabetes mellitus.

Long answer question (any one from Q. No. 5, 6 and 7)

5. Define neoplasia. Explain the difference between benign & malignant neoplasm. Describe gross & microscopic features and aetiopathogenesis of renal adenocarcinoma.

[1 × 20 = 20]

6. Define embolism. Describe types of embolism. Explain sources, risk factors, pathogenesis & effects of pulmonary embolism.

[1 × 20 = 20]

7. Define immunity. Write difference between active immunity & passive immunity. Write a detailed note on natural & artificial active immunity.

[1 × 20 = 20]

x x x

Second BHMS (2015) Examination, Winter
(Phase - III All Other remaining UG/PG Course) - 2019
PATHOLOGY & BACTERIOLOGY & PARASITOLOGY - II

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (any ten out of fifteen): [10 × 2 = 20]
- a) Name four Gram negative bacilli.
 - b) Name two culture media for *Corynebacterium diphtheriae*.
 - c) Name types of Flagellar arrangement.
 - d) Name three types of clostridia.
 - e) Name four diseases caused by *E.coli*.
 - f) Write down larval stage of *Taenia saginata* and *Taenia solium*.
 - g) Name two parasites where portal of entry is skin.
 - h) Name types of Malarial parasites.
 - i) Write two diagnostic method of *Schistosoma haematobium*.
 - j) What is ASO titre and write two diseases in which it is raised.
 - k) Name four parasites in which stool examination is diagnostic.
 - l) Write the function of Capside.
 - m) Name any four RNA viruses.
 - n) Name two examples of Oncogenic virus.
 - o) Write down four classes of fungi.

2. Write short answer (**any four** out of six) : [4 × 5 = 20]
- Morphology and pathogenicity of staphylococcus aureus.
 - Pathogenicity and lab diagnosis of Neisseria meningitidis.
 - Difference in stool between Amoebic and Bacillary dysentery.
 - Kala azar.
 - Varicella zoster virus.
 - Types of stains.
3. Write short answer (**any four** out of six): [4 × 5 = 20]
- Widal test.
 - Different shapes of bacteria with examples.
 - Write different classes of parasites.
 - Methods of transmission of infections.
 - Pathogenesis and lab diagnosis of polio virus.
 - Negri bodies.
4. Long answer question (**any two** out of four): [2 × 10 = 20]
- Define sterilization, write physical method of it and write a note on hot air oven.
 - Define culture media and write down types of culture media.
 - Describe pathogenicity of Influenza virus and lab diagnosis.
 - Describe morphology, life cycle, pathogenicity of Giardia lamblia.
- Long answer question (any one from Q. No. 5, 6 and 7)**
5. Describe Pneumococcus under following: [1 × 20 = 20]
- Morphology.
 - Cultural characters.
 - Pathogenicity.
 - Lab diagnosis.
6. Describe Echinococcus granulosus under following: [1 × 20 = 20]
- Morphology.
 - Life cycle.
 - Pathogenicity.
 - Lab diagnosis.
7. Describe H.I.V. virus under following: [1 × 20 = 20]
- Structure.
 - Routes of entry.
 - Pathogenesis.
 - Lab diagnosis.

X X X

**Second BHMS (2015) Examination, Winter
(Phase - III All Other remaining UG/PG Course) - 2019
FORENSIC MEDICINE AND TOXICOLOGY**

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen):

[10 × 2 = 20]

- a) Define state medicine.
- b) Panchnama report.
- c) Court.
- d) Tattoo marks.
- e) Define Inquest.
- f) Exhumation.
- g) Define judicial hanging.
- h) Hesitation cuts.
- i) Define oxaluria.
- j) Lead line.
- k) Fatal dose and fatal period of insulin.
- l) Tourniquet.
- m) Alkaloids of opium poison.
- n) Active principles of strychnine poison.
- o) Run amok.

2. Write short answer (any four out of six) : [4 × 5 = 20]
- Subpoena.
 - Duties of R.M.P.
 - Factors modifying the appearance of a bruises.
 - Presumptive signs of pregnancy.
 - CCH and its functions.
 - Death from starvation.
3. Write short answer (any four out of six): [4 × 5 = 20]
- Diagnosis of poison in dead.
 - Signs & symptoms ^{of treatment} in paracetamol. Alcoholic intoxication
 - Classify Mechanical Poisons with its sign and symptoms.
 - Preparation of abrus precatorious (sui.) needles.
 - Signs & symptoms of vasculotoxic venom.
 - Carbon monoxide symptoms & signs.
4. Long answer question (any two out of four): [2 × 10 = 20]
- Discuss rigor mortis in detail.
 - Define sodomy? Examination of passive agent and active agent in case of sodomy.
 - Medicolegal importance of age.
 - Discuss stab wound in detail.

Long answer question (any one from Q. No. 5, 6 and 7)

- Describe sign symptoms, fatal dose, fatal period, treatment, pm and medicolegal importance of sulphuric acid poison. [1 × 20 = 20]
- Discuss arsenic poisoning in detail (acute & chronic). [1 × 20 = 20]
- General lines of treatment in detail in case of poisoning. [1 × 20 = 20]

X X X

Second BHMS (2015) Examination, Winter
(Phase - III All Other remaining UG/PG Course) - 2019
HOMOEOPATHIC MATERIA MEDICA

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (any ten out of fifteen): [10 × 2 = 20]
- a) Write the common name and family of Cinchona officinalis
 - b) Write thirst and intolerance of Aethusa Cynapium.
 - c) Write two ailments from of Aconite Napellus.
 - d) Write any two peculiar mentals of Sulphur.
 - e) Name of two remedies for suppuration.
 - f) Define Diathesis.
 - g) Write any two characteristic mentals of Argentum Nitricum.
 - h) Trios of restlessness
 - i) Write any two red line symptoms of Kali. Sulph. in skin affection.
 - j) Define Polycrest remedies.
 - k) Write common name and family of Bryonia Alba.
 - l) Define Modalities
 - m) Trios of Burning.
 - n) Write down any two red line symptoms of Magnesia Phosphorica.
 - o) Write peculiar menses of Euphrasia.

2. Write short answer (any four out of six) :

- Skin complaints - of Sulphur
- Respiratory Complaints - of Antimonium tartaricum.
- Gastrointestinal disorder - of Ipecacunha
- Female genital disorder - of Bryona alba
- Rheumatism - of Ledum pal
- Biochemic indications of Calcarea flour.

3. Write short answer (any four out of six):

[4 × 5 = 20]

- Respiratory complaints - of Drosera rotundifolia.
- Concept of Homoeopathy.
- Describe various methods of studying Homoeopathic materia medica.
- Gastrointestinal disorder of - Thuja occidentalis.
- Asthma - of Spongia toasta
- Abdominal colic of Colocynthis.

4. Long answer question (any two out of four):

[2 × 10 = 20]

- Write down various types of Homoeopathic materia medica.
- Compare Nat Mur and Pulsatilla - Lady.
- Biochemic indications of Kali. phos.
- Compare Arnica montana and Hypericum perforatum in injury.

Long answer question (any one from Q. No. 5, 6 and 7)

5. Define Homoeopathic Materia Medica. Explain in detail the various sources of Homoeopathic materia medica and write in brief about scope and limitations of Homoeopathic materia medica.

[1 × 20 = 20]

6. Describe the drug picture of Silicea.

[1 × 20 = 20]

7. Describe the drug picture of Nux Vomica.

[1 × 20 = 20]

x x x

Second BHMS (2015) Examination, Winter
(Phase - III All Other remaining UG/PG Course) - 2019
ORGANON OF MEDICINE

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (any ten out of fifteen): [10 × 2 = 20]
- a) Define Materia Peccans with example.
 - b) Define Health & Disease.
 - c) Define preserver of health according to Dr. Hahnemann.
 - d) Define Psychology.
 - e) State the Law of Simplex.
 - f) Define exciting & maintaining cause?
 - g) Define logic & mention the types of it.
 - h) Define subjective symptom with example.
 - i) Write the Aph.1 of 6th edition of Organon.
 - j) Write the Therapeutic law of nature.
 - k) Write two contributions of Dr. Mahendralal Sirkar.
 - l) Define susceptibility.
 - m) Write two contributions of Boenninghausen.
 - n) Define characteristic symptoms.
 - o) Define portrait of disease.

2. Write short answer (any four out of six) :

- Knowledge of true physician.
- Unprejudiced observer.
- Pathogenetic power of drug.
- Vital principle.
- Conversion & contributions of Dr. Kent.
- Ideals of Cure.

3. Write short answer (any four out of six):

[4 × 5 = 20]

- Totality of symptoms.
- Do's & Don'ts in case taking.
- Memory.
- Acute disease.
- Complete symptom.
- Differentiate cure & palliation.

4. Long answer question (any two out of four):

[2 × 10 = 20]

- Enumerate the Spread of Homoeopathy in India.
- Explain Analysis & Evaluation of symptoms.
- Write life History & contributions of Dr. Hering.
- Explain the susceptibility with its significance in Homoeopathy.

Long answer question (any one from Q. No. 5, 6 and 7)

5. Write in details about cardinal principles of Homoeopathy. [1 × 20 = 20]

6. Write life history of Dr. Samuel Hahnemann with reference to his education, discovery of Homoeopathy and other contributions. [1 × 20 = 20]

7. Explain different systems of medicine with their scope & limitations.

[1 × 20 = 20]

x x x

**Second BHMS (2015) Examination, Summer (Phase - III All Other
Remaining UG/PG Courses) - 2020**

PATHOLOGY & BACTERIOLOGY & PARASITOLOGY - I

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) : [10 × 2 = 20]

- a) Give 4 characteristic features of wet gangrene.
- b) Give 4 differences between transudate & exudate.
- c) Give 2 causes of pathologic hyperplasia.
- d) Define granuloma.
- e) Define shock & enumerate 3 aetiological types of shock.
- f) Give 2 examples of agglutination type of antigen-antibody reactions.
- g) Define metastasis & name any 2 routes of metastasis of tumours.
- h) Give 4 causes of leukocytosis.
- i) Enumerate 4 causes for proteinuria.
- j) Enumerate 4 aetiological factors for chronic peptic ulcers.

- k) Give 2 aetiological factors for cirrhosis.
- l) Give 2 aetiological factors for simple goitre.
- m) Enumerate 4 risk factors for ischaemic heart disease.
- n) Define gout.
- o) Fungal infections of Lung.

2. Write short answer (any four out of six):

[4 × 5 = 20]

- a) Fate of thrombus.
- b) Liquefactive necrosis.
- c) Kwashiorkor.
- d) Pathogenesis of chemical carcinogenesis.
- e) Immunological test for pregnancy on urine.
- f) CSF findings in pyogenic meningitis.

3. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) Laboratory diagnosis of diabetes mellitus.
- b) Causes of hydronephrosis.
- c) Aetiopathogenesis of bronchial asthma.
- d) Risk factors for CA breast.
- e) PAP smear.
- f) Aetiology of B 12 deficiency anaemia.

4. Long answer question (any two out of four) :

[2 × 10 = 20]

- a) Define oedema. Explain the mechanisms behind pathogenesis of oedema.
- b) Enumerate the functions of humoral & cell mediated immunity in our body.
- c) Describe aetiopathogenesis and gross & microscopic appearances of stomach in chronic gastritis.
- d) Define jaundice & give its classification. Differentiate the 3 types of jaundice on the basis of laboratory tests.

Long answer question (any one from Q. No.5, 6 and 7) :

5. Define Shock, give its classification, etiology, pathogenesis stages of shock & add a note on Hypoxic encephalopathy. [1 × 20 = 20]
6. Define & classify immunity. Describe hypersensitivity reactions in detail. [1 × 20 = 20]
7. Define inflammation. Describe the cellular & vascular changes in acute inflammation. Explain the aetiology & morphology of lobar pneumonia. [1 × 20 = 20]



**Second BHMS (2015) Examination, Summer (Phase - III All Other
Remaining UG/PG Courses) - 2020**

PATHOLOGY & BACTERIOLOGY & PARASITOLOGY - II

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) : **[10 × 2 = 20]**
- a) Write four gram positive bacteria.
 - b) Write two media for culture of *Vibrio cholera*.
 - c) Give two examples of diplococci.
 - d) Name four toxins of *Staphylococcus*.
 - e) Write types of diphtheria bacilli.
 - f) Definitive and intermediate host of *Taenia Saginata*.
 - g) Four characteristics of Haydatid cyst.
 - h) Two parasites transmitted by oral route.
 - i) Two clinical features of *Enterobius vermicularis*.
 - j) Mantoux test

- k) Advantage of using iodine stained preparations of stool during stool examination.
- l) Name any four DNA viruses.
- m) Name methods for cultivation of viruses.
- n) Write causative agent of chicken pox, its route of transmission.
- o) Write two culture media for fungi.

2. Write short answer (any four out of six):

[4 × 5 = 20]

- a) Pathogenicity of *Mycobacterium tuberculosis*.
- b) Lab diagnosis of *Corynebacterium diphtheriae*.
- c) Amoebic liver abscess.
- d) Pathogenicity of *Ancylostoma duodenale*.
- e) Pathogenicity of Polio virus
- f) Classification of bacteria.

3. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) VDRL test.
- b) Bacterial spore.
- c) Staining methods for parasitological studies.
- d) Difference between exotoxin and endotoxin.
- e) Herpes simplex virus.
- f) Pathogenesis of rabies virus.

4. Long answer question (any two out of four) :

[2 × 10 = 20]

- a) Discuss in detail physical agents of sterilization.
- b) Anaerobic culture media and Anaerobic culture methods.
- c) Life cycle and pathogenesis of *Leishmania donovani*.
- d) HIV virus.

Long answer question (any one from Q. No.5, 6 and 7) :

5. Describe streptococcus pyogenes under following. : [1 × 20 = 20]
- a) Morphology.
 - b) Cultural characteristics.
 - c) Pathogenicity.
 - d) Lab diagnosis.
6. Write morphology, life cycle, pathogenesis and lab diagnosis of Plasmodium falciparum. [1 × 20 = 20]
7. Explain hepatitis-B virus under following : [1 × 20 = 20]
- a) Morphology.
 - b) Transmission.
 - c) Pathogenesis.
 - d) Lab diagnosis.



**SECOND BHMS (2015) Examination, Summer (Phase - III All
Other Remaining UG/PG Courses) - 2020
FORENSIC MEDICINE AND TOXICOLOGY**

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (any ten out of fifteen) :

[10 × 2 = 20]

- a) Name any two documentary evidences.
- b) Define tattoo marks.
- c) Define abrasion.
- d) Explain Cadaveric Spasm.
- e) What do you mean by goodell's sign?
- f) Explain rule of nine.
- g) What do you mean by incest?
- h) Define Ligitimacy.
- i) Explain dying declaration.
- j) Describe sec 320 IPC.

- k) Define lead line.
- l) Write about phossy jaw.
- m) What is fatal dose, fatal time of strychnine.
- n) Active principle of cannabis indica.
- o) Define Posion ~~Act~~.

2. Write short answer (**any four** out of six):

[4 × 5 = 20]

- a) Battered baby syndrome. ✓
- b) Exhumation. ✓
- c) Artificial insemination.
- d) Consumer protection act.
- e) Signs and symptoms of starvation. ✓
- f) MTP act 1971.

3. Write short answer (**any four** out of six) :

[4 × 5 = 20]

- a) Universal antidote. ✓
- b) Kerosene poisoning. ✓
- c) Drug and cosmetic act. ✓
- d) Food poisoning. ✓
- e) Sui poisoning.
- f) Treatment of snake poisoning.

4. Long answer question (**any two** out of four) :

[2 × 10 = 20]

- a) Write about rigor mortis in detail.
- b) Write about drowning in detail.
- c) Classify unnatural sexual offences and explain sodomy in detail.
- d) Infanticide.

Long answer question (**any one** from Q. No.5, 6 and 7) :

5. Write about dhatura poisoning in detail. [1 × 20 = 20]
6. Discuss alcohol poisoning. [1 × 20 = 20]
7. Define poison, classify poisons and write about gastric lavage in detail. [1 × 20 = 20]



**Second BHMS (2015) Examination, Summer (Phase - III
All Other Remaining UG/PG Courses) - 2020
HOMOEOPATHIC MATERIA MEDICA**

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (any ten out of fifteen) : [10 × 2 = 20]
- a) Define Homoeopathic materia medica.
 - b) Define Drug proving.
 - c) Write two keynote symptoms of *Symphytum*.
 - d) Write the common name and family of *Thuja Occidentalis*.
 - e) Write two characteristic symptoms of *Spongia Tosta*.
 - f) Define Sign.
 - g) Write two guiding indications of *Natrum phos*.
 - h) Write two indications of *Hypericum*.
 - i) Write the common name and family of *Ledum Palustre*.
 - j) Write the tongue and thirst of *Ipecacuanha*.

- k) Write the common name and family of *Arum triphyllum*.
- l) Write two examples of picture type of Homoeopathic materia medica.
- m) Write two clinical indications of *Colchicum*.
- n) Write the common name and family of *Ruta Graveolens*.
- o) Write two characteristic symptoms of *Apis Mellifica*.

2. Write short answer (any four out of six):

[4 × 5 = 20]

- a) Write the Gastric complaints of *Arsenicum Album*.
- b) Describe the *Arnica* Injury.
- c) Write the mind complaints of *Argentum Nitricum*.
- d) Describe the Respiratory symptoms of *Antim tart*.
- e) Write the skin complaints of *Antimonium crudum*.
- f) Write the fever of *Baptisia Tinctoria*.

3. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) Write the Guiding indications of *Calcarea Carb*.
- b) Write the keynote indications of *Aconitum Napellus*.
- c) Describe the various sources of Homoeopathic materia medica.
- d) Write the Scope and limitations of Homoeopathic materia medica
- e) Write the Classification of Homoeopathic materia medica.
- f) Write the Basic construction of various Homoeopathic Materia Medica.

4. Long answer question (any two out of four) :

[2 × 10 = 20]

- a) Compare *Cina* and *Chamomilla* Child.
- b) Compare Respiratory symptoms of *Ipecac* and *Natrum sulph*.
- c) Compare fever of *Gelsemium* and *Aconitum Napellus*.
- d) Define Biochemic system of medicine and enumerate the 12 tissue remedies.

Long answer question (**any one** from Q. No.5, 6 and 7) :

5. Describe the drug picture of Pulsatilla in detail. [1 × 20 = 20]
6. Describe in detail the Biochemic indications of Natrum mur. [1 × 20 = 20]
7. Describe various methods of studying Homoeopathic materia medica with examples. [1 × 20 = 20]



Second BHMS (2015) Examination, Summer (Phase - III All Other
Remaining UG/PG Courses) - 2020

ORGANON OF MEDICINE

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) : [10 × 2 = 20]
- a) Define Common symptom with two examples. ✓
 - b) Define logic. ✓
 - c) What is meaning of Organon? ✓
 - d) Define memory with its types. ✓
 - e) Define susceptibility. ✓
 - f) Define mission of Physician. ✓
 - g) Define Isopathy with example. ✓
 - h) Define drug Potentiation. ✓
 - i) Any two contributions of Dr. Hering. ✓
 - j) State aphorism number two. ✓

- k) Define exciting cause with example.
- l) Define Evaluation of symptoms.
- m) What is law of minimum.
- n) Any two qualities of ideal prover.
- o) Define secondary action.

2. Write short answer (any four out of six): [4 × 5 = 20]

- a) Explain Theoretic Medicine.
- b) Explain Dynamic influence.
- c) Explain Vital force in Health.
- d) Explain Antipathy with its limitations.
- e) Explain Theory of other chronic diseases.
- f) Explain Conversion of Dr. Mahendralal Sirkar towards Homoeopathy.

3. Write short answer (any four out of six): [4 × 5 = 20]

- a) Explain Pseudo-chronic diseases.
- b) Explain Genus Epidemicus.
- c) Explain Theories of Motivation.
- d) Explain Do's of case taking.
- e) Explain General symptoms with types and examples according to Dr. Kent.
- f) Define homoeopathic concept of disease and cure.

4. Long answer question (any two out of four): [2 × 10 = 20]

- a) Discuss the salient features of Pre-historic medicine.
- b) Discuss in brief the spread and development of homoeopathy in India.
- c) What is analysis of symptoms? Discuss Boenninghausen's method of analysis of Symptoms.
- d) Discuss brief life history and contribution of Dr. J.T. Kent.

Long answer question (any one from Q. No.5, 6 and 7) :

5. Discuss brief life history of Hahnemann with discovery of Homoeopathy and contributions of Dr. Hahnemann in the field of medicine. [1 × 20 = 20]
6. Explain knowledge of a physician as explained in 6th edition of Organon of Medicine. [1 × 20 = 20]
7. Discuss in detail the classification of the diseases as placed in Organon of Medicine. [1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Winter - 2020
PATHOLOGY & BACTERIOLOGY & PARASITOLOGY-I

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) **Draw diagrams wherever necessary.**
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

1. Write short answer (**any ten** out of fifteen):

[10 × 2 = 20]

- a) Define Metaplasia
- b) Name 4 Morphological changes in Reversible cell injury
- c) Transudate
- d) Name 4 endogenous pigments of the body
- e) Amyloidosis
- f) HLA System
- g) Grading of Tumours
- h) Haemophilia
- i) Uses of EDTA
- j) Define Hyperthyroidism and Hypothyroidism
- k) Causes of Pancreatitis
- l) Glossitis
- m) Mastitis
- n) Meningitis
- o) Define Emphysema

04211A

2. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) Coagulative Necrosis
- b) Chemical mediators of Inflammation
- c) Fatty liver
- d) Difference between Benign and malignant tumour
- e) Microscopic examination of Urine
- f) Mountoux test

3. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) Complications of Myocardial Infraction
- b) Pneumoconiosis
- c) Gastritis
- d) Nephrotic Syndrome
- e) Hb estimation
- f) Iron deficiency Anemia

4. Long answer question (any two out of four) :

[2 × 10 = 20]

- a) Define Healing and repair and describe healing by primary and secondary intention.
- b) Define Embolism. Describe types with examples.
- c) Define cirrhosis of liver and write etiology, pathogenesis and lab diagnosis of the same.
- d) Define Pneumonia. Describe the stages of Pneumonia.

Long answer question (any one from Q.No. 5, 6 and 7)

5. Describe Oedema with reference to definition, pathogenesis of the oedema with suitable examples. Add a note on Pulmonary Oedema. [1 × 20 = 20]

6. Define Inflammation. Explain etiology, pathogenesis, clinical features and complication of Peptic ulcer. [1 × 20 = 20]

7. Define immunity. Mention differences between Active and Passive immunity. Describe various Hypersensitivity reactions in brief.

[1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Winter - 2020
PATHOLOGY & BACTERIOLOGY & PARASITOLOGY- II

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

1. Write short answer (**any ten** out of fifteen): [10 × 2 = 20]
- a) Draw a labelled diagram of a typical bacterial cell.
 - b) Write two gram negative Bacterias.
 - c) Significance of Bacterial spore and draw its diagram.
 - d) Mantoux test with respect to amount of purified protein derivative required and its clinical significance.
 - e) Iatrogenic infection with respect to etiology and examples any two.
 - f) Draw the Morphology of leishmania donovani with the help of label diagram.
 - g) Hydatid cyst
 - h) Elephantiasis.
 - i) Stool findings in Amoebic dysentery.
 - j) Mentions various cysts/ovae found in stool examination.
 - k) Mention etiology of malaria.
 - l) Define virus.
 - m) Pathogenesis of adenovirus.
 - n) Dengue
 - o) Oculomycosis

04211B

2. Write short answer (any four out of six) : [4 × 5 = 20]
- Pathogenicity of salmonella typhi.
 - Pathogenicity of streptococcus.
 - Life cycle of E. Vermicularis.
 - Kalaazar
 - Herpes simplex
 - Hypersensitivity reactions with respect to types and its examples.
3. Write short answer (any four out of six) : [4 × 5 = 20]
- Pathogenicity of Ascaris lumbricoides.
 - Autoclave.
 - Relation between Host & parasites any two examples
 - Methods of Transmission of infection
 - Classification of viruses
 - Candidiosis
4. Long answer question (any two out of four) : [2 × 10 = 20]
- Define culture media? Discuss about its types with examples and their uses.
 - Define sterilisation? Describe in detail chemical sterilization and disinfection.
 - Describe life cycle, lab diagnosis of Echinococcus granulosus? Add a note on hydatid cyst.
 - Describe morphology, life cycle pathogenesis, laboratory diagnosis of Taenia solium.
- Long answer questions (any one from Q.No. 5, 6 and 7)
5. Describe morphology, cultural characteristics, pathogenesis of clostridium tetani & add notes on Tetanus. [1 × 20 = 20]
6. Describe morphology, life cycle, pathogenicity, laboratory Diagnosis of ancylostoma duodenale. [1 × 20 = 20]
7. Describe morphology, with antigenic structure, pathogenesis and laboratory diagnosis of Hepatitis B virus. [1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Winter - 2020
FORENSIC MEDICINE AND TOXICOLOGY

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank** portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

1. Write short answer (any ten out of fifteen):

[10 × 2 = 20]

- a) What are Diatoms?
- b) Kidnapping-2 sections
- c) Define bruise.
- d) 2 objectives of magistrates inquest.
- e) What is Dichotomy?
- f) What is bansdola?
- g)- What is Poroscopy?
- h) Define artificial insemination.
- i) Active principles of Nux vomica.
- j) Erythism
- k) Fatal dose and fatal period of Iodine.
- l) Fatal dose and period of paracetamol.
- m) 2 Examples of pharmacological antidotes
- n) Hashish insanity.
- o) Fatal dose and period of croton Tiglium.

2. Write short answer (any four out of six) :

[4 × 5 = 20]

- ☒ a) Workmen compensation Act.
- ☒ b) Professional negligence.
- ☒ c) Signs and symptoms of starvation.
- ☒ d) Incised injury.
- ☒ e) Schizophrenia
- ☒ f) Criminal abortion

3. Write short answer (any four out of six) :

[4 × 5 = 20]

- ☒ a) Narcotic drugs and psychotropic substances act.
- ☒ b) Drugs and cosmetic act.
- ☒ c) Kerosene poisoning.
- ☒ d) Phossy jaw.
- ☒ e) Drug dependence.
- ☒ f) Signs and symptoms of snake bite.

4. Long answer question (any two out of four) :

[2 × 10 = 20]

- ☒ a) Discuss rape in detail.
- ☒ b) Define sudden death. What is its medico legal significance? Mention it's various causes.
- ☒ c) Classify mechanical injuries and discuss laceration.
- ☒ d) Discuss estimation of age in detail.

Long answer question (any one from Q.No. 5, 6 and 7)

5. Discuss poisoning by organophosphorus compounds.

[1 × 20 = 20]

6. Discuss Hydrocyanic acid poisoning in detail.

[1 × 20 = 20]

7. Discuss the general principles of treatment of a case of poisoning. Add a note on toxicological evidence.

[1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Winter - 2020
HOMOEOPATHIC MATERIA MEDICA

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

1. Write short answer (any ten out of fifteen):

[10 × 2 = 20]

- a) Mention the Common name and family of Thuja.
- b) Write two characteristic symptoms of Sulphur.
- c) Write two mental symptoms of Silicea.
- d) Mention the tongue and ailments from of Rhus tox.
- e) Write two characteristic symptoms of Nux vomica.
- f) Mention the tongue and discharge of Natrum phos.—
- g) Write two characteristic symptoms of Mag phos Colic.
- h) Mention the Modalities and Ailments from of Ledum pal.
- i) Write two characteristic symptoms of Kali phos.
- j) Write two gastrointestinal symptoms of Ipecac.
- k) Write two respiratory symptoms of Hepar sulph.
- l) Mention tongue and discharge of Ferrum phos.—
- m) Write two characteristic symptoms of Symphytum.
- n) Write two characteristic symptoms of Kali mur.
- o) Mention two characteristic symptoms of Ruta.

2. Write Short answer (any four out of six) :

[4 × 5 = 20]

- Pulsatilla - Female affections
- Aethusa - Mind
- Allium cepa-Respiratory symptoms
- Antim crud-Mind
- Apis-Female
- Arnica-Injury

3. Write short answer (any four out of six) :

[4 × 5 = 20]

- Antim tart - Respiratory symptoms
- Arum triphyllum - Characteristic symptoms
- Sources of Materia medica
- Sources of Drugs
- Scope and limitations of Homoeopathic Materia Medica.
- Types of Homoeopathic Materia Medica

4. Long answer question (any two out of four) :

[2 × 10 = 20]

- Compare Cina child and Chamomilla child.
- Compare joint affections of Colchicum and Dulcamara.
- Compare Respiratory symptoms of Spongia and Drosera.
- Compare Characteristic symptoms of Bryonia and Arsenic alb.

Long answer question (any one from Q.No. 5, 6 and 7)

5. Describe the Drug Picture of Aconite in detail.

[1 × 20 = 20]

6. Describe the Drug Picture of Natrum Mur in detail.

[1 × 20 = 20]

7. Describe the Drug picture of Gelsemium in detail.

[1 × 20 = 20]

Define biochemic medicine with biochemic indica
Homeopathic materia write difference
type of materia medica



Second B.H.M.S. (2015) Examination, Winter - 2020
ORGANON OF MEDICINE

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for all sections.

1. Write short answer (any ten out of fifteen):

[10 × 2 = 20]

- a) Define Disease.
- b) Define behaviour?
- c) Give two examples of Causa occasionalis?
- d) What is Suspended animation?
- e) Give two examples of physical general symptom?
- f) What is simple substance?
- g) What is dynamic influence?
- h) Name the different types of drug actions.
- i) Write four contributions of Dr. Mahendralal Sircar?
- j) Write four contributions of Dr. Boenninghausen?
- k) What is a complete symptom?
- l) What is Logic of Homoeopathy?
- m) State Law of Similars.
- n) What is Pathogenetic symptom?
- o) Types of memory.

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2. Write Short answer (any four out of six) :

[4 × 5 = 20]

- a) Homoeopathic Law of Nature.
- b) Unprejudiced observer
- c) Suspended animation.
- d) Brousseau's Method of treatment.
- e) Doctrine of Drug Dynamization
- f) Contributions of Dr. Hering

3. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) Miasm
- b) Inappropriately named chronic diseases
- c) Intelligence
- d) Characteristic symptom
- e) Genus Epidemicus
- f) Exciting cause

4. Long answer question (any two out of four) :

[2 × 10 = 20]

- a) Describe simple substance with its qualities.
- b) Discuss the spread of Homoeopathy in India
- c) What is analysis and evaluation of symptoms? Describe different methods of it?
- d) Describe life history and conversion to Homoeopathy of Dr. J.T.Kent?

Long answer question (any one from Q.No. 5, 6 and 7)

5. Describe life history of Dr. Hahnemann with their contributions as a Chemist and Hygienist?

[1 × 20 = 20]

6. Describe case taking in detail with its instructions and method. [1 × 20 = 20]

7. Describe different modes of treatment with its advantages and disadvantages.

[1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Summer - 2021
PATHOLOGY & BACTERIOLOGY & PARASITOLOGY - I

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for all sections.

1. Write short answer (any ten out of fifteen) : [10 × 2 = 20]

- a) Pathologic hyperplasia.
- b) Enumerate mediators of inflammation.
- c) 4 differentiating points between transudate and exudate.
- d) Aetiology of Fat embolism.
- e) Give types of Amyloidosis.
- f) Give 2 types of physical carcinogenesis with examples.
- g) Antibody.
- h) What are 2 clinical syndromes as a result of Protein Energy Malnutrition?
- i) Give 4 differences regarding cerebrospinal fluid in bacterial and viral meningitis.

- j) Enumerate diagnostic tests of Diabetes mellitus.
- k) Give morphologic classification of cirrhosis.
- l) Give 4 differentiating points between benign and malignant gastric ulcers.
- m) Angina.
- n) Meningitis.
- o) Enumerate 4 COPDs.

2. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) Wound healing.
- b) CVC liver.
- c) Differentiate between benign and malignant neoplasm.
- d) Coagulative necrosis with examples.
- e) Indications and Procedure of bone marrow aspiration.
- f) Pulmonary Function Test.

3. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) Splenomegaly.
- b) Aetiology and types of pneumonia.
- c) Distinguishing features of Crohn's disease and Ulcerative colitis.
- d) Laboratory diagnosis of Myocardial Infarction.
- e) Proteinuria.
- f) Aetiology and Blood picture of B12 deficiency anaemia.

4. Long answer question (any two out of four) :

[2 × 10 = 20]

- a) Discuss in detail aetiopathogenesis of thrombosis.
- b) Write a detailed note on Anaphylaxis.
- c) Define Jaundice. Enumerate its types. How will you differentiate between different types of Jaundice.
- d) Define goitre. Discuss causes, clinical features & laboratory diagnosis of Hypothyroidism.

Long answer question (any one from Q.No. 5, 6 and 7) :

5. Write differentiating features between nephrotic and nephritic oedema. Enumerate causes of both. Discuss pathogenesis of acute post-streptococcal proliferative glomerulonephritis.

[1 × 20 = 20]

6. Define chronic granulomatous inflammation. Give 4 causes. Discuss morphological changes and complications of pulmonary tuberculosis.

[1 × 20 = 20]

7. What are the types of immune response? Discuss the process of cellular and humoral immune response in detail.

[1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Summer - 2021
PATHOLOGY & BACTERIOLOGY & PARASITOLOGY - II

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use blue/black ball point pen only.
 - 2) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) All questions are compulsory.
 - 4) The number to the right indicates full marks.
 - 5) Draw diagrams wherever necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for all sections.

1. Write short answer (any ten out of fifteen) :

[10 × 2 = 20]

- a) Enriched media with two examples.
- b) Bacterial cell wall.
- c) Cholera.
- d) Write two Staining methods of bacteria.
- e) Write four Gram positive bacteria.
- f) Giardiasis.
- g) Relation between Host & Parasite.
- h) 4 Parasites causing Anaemia.
- i) Brood capsule.

- j) Stool examination of acute amoebic dysentery.
- k) Laboratory Test for Enterobius Vermicularis.
- l) 4 RNA viruses.
- m) Rota Virus.
- n) Properties of Virus.
- o) Write Two Cutaneous diseases by fungal infection.

2. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) Pathology and Lab diagnosis of Neisseria Meningitis.
- b) Pathology of Clostridium.
- c) Pathology of Wuchereria Bancrofti.
- d) Life cycle of Plasmodium Vivax.
- e) General Characteristic of virus.
- f) Difference between Exotoxins and Endotoxins.

3. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) VDRL test.
- b) Bacterial Motility.
- c) Characteristic of Nematodes.
- d) Methods & Sources of Infection.
- e) Dengue Virus.
- f) Superficial Mycoses.

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4. Long answer question (any two out of four) : [2 × 10 = 20]
- a) Write in details about Sterilization Methods & disinfection with their merits & demerits.
 - b) Define Bacterial cultural media. Describe different type of cultural media with suitable example.
 - c) Describe HIV morphology, spread, pathogenesis and lab.diagnosis.
 - d) Describe morphology, life cycle, pathogenesis, lab.diagnosis of Hookworm.

Long answer question (any one from Q.No. 5, 6 and 7) :

5. Describe Morphology, life cycle, pathogenicity, lab.diagnosis of mycobacterium tuberculi with add notes on Tuberculosis. [1 × 20 = 20]
6. Describe Morphology, Cultural characteristic, toxins, lessions, lab.diagnosis of E.Coli. [1 × 20 = 20]
7. Describe Adenoviruses Morphology, Resistance, Classification, Pathogenesis, Lab.diagnosis. [1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Summer - 2021
FORENSIC MEDICINE AND TOXICOLOGY

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for all sections.

1. Write short answer (any ten out of fifteen) :

[10 × 2 = 20]

- a) Forensic Medicine.
- b) Panchnama Report.
- c) Saponification.
- d) Vicarious liability.
- e) Tattoo mark.
- f) Hesitation cut.
- g) Contact flattening.
- h) Tardeo spot.
- i) Oxalurea.

- j) Fatal dose and fatal period of dhatura.
- k) Fatal dose and fatal period of nux vomica.
- l) Define toxicology.
- m) Run amoke.
- n) Antidote.
- o) Fatal dose and fatal period of opium.

2. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) MTP Act 1971.
- b) Subpnoea.
- c) Bruise.
- d) Hydrostatic test.
- e) CCH - Functions.
- f) Write duties of R.M.P. in criminal abortion. Mention complications in criminal abortion.

3. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) Drugs and cosmetic rules 1945.
- b) Diagnosis of poisoning in living and dead.
- c) CO Poisoning.
- d) Signs and symptoms of vasculotoxic snake bite and its treatment.
- e) Food poisoning.
- f) Difference between arsenic poisoning and cholera.

4. Long answer question (any two out of four) : [2 × 10 = 20]
- a) Define hanging. Write types of hanging, causes of death, post mortem findings and medicolegal importances of hanging.
 - b) Define sexual offence. Classify sexual offences. How will you proceed the examination of victim and accused in alleged rape?
 - c) How will you determine race, age and sex and write it's medicolegal importances?
 - d) Define injury. Classify injuries on different bases. Add a note on abrasion.

Long answer question (any one from Q.No. 5, 6 and 7) :

5. Write in detail about strychnine poisoning with respect to it's alkaloids, signs and symptoms, fatal dose, fatal period, post mortem findings, treatment and medicolegal importances. [1 × 20 = 20]
6. Write in detail about alcohol poisoning with respect to signs and symptoms, post mortem findings, treatment and medicolegal importances. Add a note on Bombay prohibition Act. [1 × 20 = 20]
7. Explain general line of treatment of poisoning with respect to removal of unabsorbed poison, use of antidote, elimination of poison, symptomatic treatment. Add a note on duties of R.M.P. in poisoning. [1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Summer - 2021
HOMOEOPATHIC MATERIA MEDICA

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
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 - 3) All questions are **compulsory.**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
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 - 7) Use a common answer book for all sections.

1. Write short answer (any ten out of fifteen) :

[10 × 2 = 20]

- a) Define Homoeopathic Materia Medica.
- b) Define Doctrine of Signature with an example.
- c) Define Drug Proving.
- d) Define Clinical source with an example.
- e) Define Emperical source with an example.
- f) Write the character of sound of cough and its modality in Spongia.
- g) Write the physical constitution of Lycopodium.
- h) Mention the causative factor and modality for pain in Colocynth.
- i) Give the common name and family of Cinchona.

- j) Mention the characteristic indication of sweat in Thuja.
- k) Give the ailments from in Rhus tox. ✓
- l) Write down the ailments from and delirium of Bryonia. ✓
- m) Write down the causative factors and character of stool in diarrhoea of Argentum Nitricum.
- n) Mention the cause and character of stool in Arnica constipation. ✓
- o) Write down the character of Haemorrhoids in Aloes.

2. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) Give indications for colic in Mag Phos.
- b) Give the indications for Euphrasia in eye complaints. ✓
- c) Give the indications for headache in Natrum Mur. ✓
- d) Give the characteristic guiding indications for Ferrum phos.
- Xe) Give the mentals of Antim Crud. ✓
- f) Give the urinary complaints of Apis Mellifica. ✓

3. Write short answer (any four out of six) :

[4 × 5 = 20]

- a) Give the characteristic indications of Aethusa convulsions. ✓
- b) Give the gastrointestinal symptoms of Aloes.
- c) Describe the sources of Homoeopathic Materia Medica. ✓
- d) Describe the sources of Drugs. ✓
- e) Describe the types of Homoeopathic Materia Medica.

~~f) Describe the Sources of Materia Medica.~~

~~(f) Arnica Injury Description.~~

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(f) Write the keynote indication of Aconite Napellus

4. Long answer question (any two out of four) :

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[2 × 10 = 20]

- a) Compare and Contrast the injuries of Arnica and Ledum Pal.
- b) Compare and Contrast the respiratory complaints of Antim Tart and Hepar Sulp.
- c) Compare and Contrast the child of Silicea and Chamomilla. ✓
- d) Compare and Contrast gastrointestinal symptoms of Bryonia and Arsenic alb. ✓

Long answer question (any one from Q.No. 5, 6 and 7) :

5. Explain in detail the Drug picture of Calcarea carb. [1 × 20 = 20]

6. Give the Biochemic indications of Calc Phos in detail. [1 × 20 = 20]

7. Give the Drug picture of Pulsatilla. ✓ [1 × 20 = 20]



Second B.H.M.S. (2015) Examination, Summer - 2021
ORGANON OF MEDICINE

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
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 - 3) **All questions are compulsory.**
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 - 5) Draw diagrams **wherever** necessary.
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 - 7) Use a common answerbook for all sections.

1. Write short answer (any ten out of fifteen) : [10 × 2 = 20]

- a) Aphorism No.1
- b) Define Totality of symptoms
- c) State Aphorism 26
- d) Define Primary action.
- e) Highest Ideal of Cure
- f) Define Psychology
- g) What is Unconditional Force?
- h) Law of Minimum Dose
- i) Define General symptom
- j) Define Logic
- k) Exciting Cause
- l) Two contributions of Dr.Kent
- m) Two contributions of Dr.Hering
- n) Define Analysis of symptoms
- o) Define Susceptibility

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2. Write short answer (any four out of six): [4 × 5 = 20]
- a) Mission of Physician
 - b) Hufeland's Criticism
 - c) Heteropathy
 - d) Secondary Action
 - e) Law of Similars
 - f) Contributions of Dr. Boenninghausen towards Homoeopathy
3. Write short answer (any four out of six) : [4 × 5 = 20]
- a) Theory of chronic disease
 - b) Indispositions
 - c) Motivation
 - d) Instructions of Case Taking
 - e) Key Note Symptom
 - f) Concept of Disease in Homoeopathy
4. Long answer question (any two out of four) [2 × 10 = 20]
- a) Explain in details the concept of Sick as given by Dr. Kent
 - b) Spread of Homoeopathy in India
 - c) Write in details about different Methods of Analysis & Evaluation.
 - d) Describe in details the Contributions & Conversion of Dr. Hering to Homoeopathy.

Long answer question (any one from Q. No. 5, 6 and 7)

5. Explain in detail the life history of Dr. Hahnemann. [1 × 20 = 20]
6. Explain Cardinal Principles of Homoeopathy. [1 × 20 = 20]
7. Write in details about the concept of Dynamic Influence with examples as given by Dr. Hahnemann. [1 × 20 = 20]



Second B.H.M.S. (2015) Examination (Phase - III) Winter - 2021
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY - I
(Paper - I)

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

2. Short Answer Questions (Solve any 4 Out of 6):

[4 × 5 = 20]

- a) Pulmonary oedema
- b) Frozen Section
- c) Chemical Mediators of Inflammation
- d) Complications of Blood Transfusions
- e) Caseous Necrosis
- f) Differentiate between healing by primary and secondary intention

3. Short Answer Questions (Solve any 4 out of 6):**[4 × 5 = 20]**

- a) Chronic Pyelonephritis kidney
- b) CSF examination
- c) Seminoma Testis
- d) Pathology of Rheumatic Heart Disease
- e) Acute Appendicitis
- f) Iron Deficiency Anemia

4. Long Answer Questions (Solve any 2 out of 4):**[2 × 10 = 20]**

- a) Discuss Etiopathogenesis, Gross, Microscopic features and complications of Enteric fever.

~~OR~~

Flamellation

- b) Define Antigen and Antibody. Describe Antigen Antibody reactions and their applications in diagnosis of various diseases.
- c) Define Cirrhosis. Discuss Alcoholic liver disease in detail.

~~OR~~

- d) Define Thrombosis and describe it's Etiopathogenesis. Add a note on Fate of Thrombosis.

Long Answer Questions (5,6,7) (Solve any 1 out of 3):**[1 × 20 = 20]**

- 5. Define infarct. Mention it's types. Discuss Myocardial Infarction with respect to its Etiopathogenesis, pathology and lab diagnosis.
- 6. Define Hypersensitivity reactions. Discuss them in detail. *79-6*
- 7. Define Neoplasia. Mention it's types. Differentiate between the two. Add a note on Squamous cell carcinoma.



Second B.H.M.S. (2015) Examination (Phase - III) Winter - 2021
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY-II
(Paper - II)

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

2. Short Answer Questions (Solve **any 4** out of 6):

[4 × 5 = 20]

- a) Polio virus
- b) Hydatid cyst
- c) Anaphylaxis
- d) Pathogenicity of *C diphtheriae*
- e) Lab diagnosis of *staph aureus*
- f) Dermatomycosis

3. Short Answer Questions (Solve **any 4** out of 6):

[4 × 5 = 20]

- a) Differences between bacillary dysentery & amoebic dysentery
- b) Graft versus host reaction
- c) Pathogenicity of *W bancrofti*

- d) Meningococcus
- e) Differences between exotoxin and endotoxin
- f) Lab diagnosis of rabies virus

4. Long Answer Questions (Solve any 2 out of 4): [2 × 10 = 20]

- a) Describe in details of morphology, cultural characters, pathogenicity & lab diagnosis of Pneumococcus.
- b) Describe in details of morphology, life cycle, pathogenicity & lab diagnosis of L donovani.
- c) Describe different methods of diagnosis of fungal illnesses.
- d) Describe in details morphology, pathogenicity & lab diagnosis of Hepatitis B virus.

Long Answer Questions (5, 6, 7) (Solve any 1 out of 3): [1 × 20 = 20]

- 5. Describe in details of morphology, life cycle, pathogenicity & lab diagnosis of E granulosus.
- 6. Describe in details of morphology, cultural characters, pathogenicity & lab diagnosis of S typhi.
- 7. Describe in details of morphology, pathogenicity & lab diagnosis of HIV virus.



Second B.H.M.S. (2015) Examination, (Phase - III) Winter - 2021
FORENSIC MEDICINE & TOXICOLOGY

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

2. Short answer questions (Solve any 4 out of 6): [4 × 5 = 20]

- a) Write in detail about dactylography.
- b) Write about legitimacy & illegitimacy, and explain about medico legal aspects related to it.
- c) Write in detail about hydrostatic test.
- d) Write about Consumer Protection Act.
- e) Write about professional secret and privileged communication.
- f) Exhumation.

3. Short answer questions (Solve any 4 out of 6) : [4 × 5 = 20]

- a) What are war gases? Classify them and briefly explain their action.
- b) Vitriolage
- c) Plumbism
- d) Write a note on Abrus Precatorius poisoning.
- e) Food poisoning
- f) Describe signs and symptoms of acute phosphorus poisoning.

P.T.O.

4. Long answer questions (Solve any 2 out of 4) : [2 × 10 = 20]

- a) What are the objectives of medicolegal postmortem examination. Write in detail about essential requirements and precautions for conducting postmortem examination.

OR

- b) Define injury, write in detail about Abrasion.
c) Define drowning, write classification of drowning and describe in detail about postmortem findings and medico legal aspect of drowning.

OR

- d) Write about Criminal abortion and describe in detail about methods in common use to procure criminal abortion.

Long answer questions (5, 6, 7) (Solve any 1 out of 3) : [1 × 20 = 20]

5. Discuss action of poison on the human body, describe different factors that modify the action of poison & write in detail about duties of doctor in case of suspected poisoning.
6. Write in detail about Alcohol poisoning.
7. Explain in detail about Dhatura poisoning



Second B.H.M.S.(2015) Examination (Phase - III) Winter - 2021
HOMOEOPATHIC MATERIA MEDICA

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

2. Short Answer Questions (Solve any 4 Out of 6): [4 × 5 = 20]

- a) Write different ^{types} ways of Homoeopathic Materia Medica.
- b) Write the modalities and ailments of Aresenic Alb.
- c) Write the sources of Homoeopathic Materia Medica.
- d) Natrum Mur - in mind.
- e) Write the types of Homoeopathic Materia Medica.
- f) Write the guiding indication of Calc - phos.

3. Short Answer Questions (Solve any 4 out of 6): [4 × 5 = 20]

- a) Write the guiding indication of Calc - Sulph.
- b) Write physical generals of Calc - carb.

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- c) Write scope and limitations of Homoeopathic Materia Medica.
- d) Define Homoeopathy and describe various methods of studying Homoeopathic Materia Medica.
- e) Write the guiding indication of Apis Melifica.
- f) Define Biochemic System of medicine and its concepts.

4. Long Answer Questions (Solve any 2 Out of 4): [2 × 10 = 20]

- a) Compare and contrast between Bryonia and Rhus - Tox.

OR

- b) Compare guiding indications of Hepar Sulph and Silica.

- c) Compare between Arnica and Baptisia in mind.

OR

- d) Compare guiding indication of Nux - Vomica and China

Long Answer Questions (5,6,7) (Solve any 1 out of 3) : [1 × 20 = 20]

- 5. Describe the Drug picture of Natrum - Mur.
- 6. Define Homoeopathic Materia Medica and basic concepts of Homoeopathic Materia Medica in detail.
- 7. Describe the Drug picture of Sulphur.



Second B.H.M.S. (2015) Examination (Phase-III) Winter - 2021
ORGANON OF MEDICINE

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for all sections.

2. Short Answer Questions (Solve any 4 out of 6): **[4 × 5 = 20]**

- a) Principles of Drug Dynamisation.
- b) Different types of Acute Disease.
- c) Law of Simplex.
- d) Contribution of Hering to Homeopathy.
- e) Conversion of Boenninghausen to Homeopathy.
- f) Reasons for Medicines being stronger than Natural Disease.

3. Short Answer Questions (Solve any 4 out of 6) : **[4 × 5 = 20]**

- a) Susceptibility by Kent.
- b) Discuss various types of Psychology.
- c) Various steps of inductive logic.

- d) Brousseau's Principles.
- e) Treatment of Suspended Animation.
- f) Different types of Memory and its clinical importance.

4. Long Answer Questions 4 (Solve any 2 out of 4): [2 × 10 = 20]

- a) Discuss symptomatology as given by Stuart close.

~~OR~~

- b) Discuss in detail the Knowledge of Physician.
- c) Discuss the Logic of Law of Similars as given in Organon.

~~OR~~

- d) Describe the totality of symptom?

Long Answer Questions (5,6,7) (Solve any 1 out of 3) : [1 × 20 = 20]

- 5. What is the concept of Vital Force? What are its qualities? Discuss its role in Life, Health, Disease, Cure and Recovery.
- 6. What are Hahnemann's contributions to medicine? Discuss the various editions of Organon of Medicine.
- 7. Describe the process of Case taking in Homeopathic practice. What is the purpose and Advantages of detailed case taking.



Second B.H.M.S. (2015) Examination, (Phase-II) Summer - 2022
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY-I
(Paper-I)

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

2. Short Answer Questions (Solve any 4 Out of 6): **[4 × 5 = 20]**

- a) Discuss about diagnostic methods for tumor in short.
- b) Definition and types of Emboli with short note on air sickness.
- c) Virchow's triad of Thrombosis.
- d) Nutmeg liver.
- e) Indications and contraindication of FNAC
- f) Importance of urine Examination.

3. Short answer questions (Solve any 4 Out of 6): **[4 × 5 = 20]**

- a) Ghon's complex.
- b) Note on investigations for anaemia in general.
- c) Investigation for UTI.

- d) Acute Gastritis.
- e) Name the virus which produces Hepatitis, add a note on morphology and route of entry for Hepatitis B.
- f) Enlist COPD and write note on emphysema.

4. Long Answer Questions (Solve Any 2 out of 4): [2 × 10 = 20]

- a) Define neoplasm enlist types of tumor and write in detail about spread of tumor.
- b) Define Pneumonia add a note on pathogenesis and complications of Pneumonia.
- c) Define Gangrene. Explain types of gangrene with examples.

OR

- d) Discuss pathogenesis and morphology of Rheumatic heart disease.

Long Answer Questions (Any one from Q.NO. 5,6 and 7): [1 × 20 = 20]

- 5. Define and classify Arteriosclerosis. Discuss the etiology and pathogenesis of Atherosclerosis. Mention complications of the same.
- 6. Define immunity. Write difference between active and passive immunity. write a detailed note on natural and artificial active immunity.
- 7. Define oedema give types of it. Describe pathogenesis of oedema in detail and write in detail about causes and effects of Cardiac oedema.



Second B.H.M.S. (2015) Examination, (Phase - II) Summer - 2022
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY - II
(Paper - II)

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

2. Short Answer Questions (Solve any 4 Out of 6):

[4 × 5 = 20]

- a) Antigen antibody reactions.
- b) Differences between active & passive immunity.
- c) Classification of fungi & fungal illness.
- d) Gonococcus
- e) General characters of viruses.
- f) Lab diagnosis of cholera

3. Short Answer Questions (Solve any 4 out of 6): [4 × 5 = 20]

- a) Leptospirosis.
- ☒ b) Lab diagnosis of viral illness.
- c) T saginata
- ☒ d) Influenza virus
- e) Anthrax bacilli
- f) Plague

4. Long Answer Questions (Solve any 2 out of 4): [2 × 10 = 20]

- a) Describe in details of morphology, life cycle, pathogenicity & lab diagnosis of D Latum.
- b) Describe in details of morphology, cultural characters, pathogenicity & lab diagnosis of Cl. Welchii.
- c) Describe in details of Herpes viruses.
- ☒ d) Describe different methods of sterilisation & disinfection.

Long Answer Question (any one from Q.No.5,6 and 7): [1 × 20 = 20]

- ☒ 5. Describe morphology, cultural characters, pathogenicity & lab diagnosis of Streptococcus pyogens.
- ☒ 6. Describe in details of HIV virus.
- 7. Describe in details of morphology, life cycle, pathogenicity & lab diagnosis of P. Vivax.

Second B.H.M.S. (2015) Examination, (Phase-II) Summer - 2022
FORENSIC MEDICINE & TOXICOLOGY

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) *Use blue/black ball point pen only.*
 - 2) *Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.*
 - 3) *All questions are compulsory.*
 - 4) *The number to the right indicates full marks.*
 - 5) *Draw diagrams wherever necessary.*
 - 6) *Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.*
 - 7) *Use a common answerbook for all sections.*

2. Short answer question: (Solve any 4 out of 6) : [4 × 5=20]

- a) The Mental Health act 1987
- b) Write about s/s of pregnancy.
- c) Explain about sudden infant death syndrome.
- d) Bruise.
- e) Define consent and explain different types of consent.
- f) Write about documentary evidences in short.

3. Short answer questions (Solve any 4 out of 6) : [4 × 5 = 20]

- a) Discuss in detail about Carbon monoxide poisoning.
- b) Write a note on Chronic Arsenic poisoning.
- c) Note on kerosene poisoning.

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- d) Enumerate examples of cardiac poison and write in detail about Nicotine poisoning.
- e) The Drug and Cosmetic Act. 1940
- f) Treatment of snake poisoning.

4. Long answer questions: (Solve any 2 out of 4) : [2 × 10 = 20]

- a) Define infanticide. What is stillborn and dead-born child? Explain the signs of live birth seen during postmortem of the infant.

OR

- b) What are the early signs of death? Explain in detail about post mortem lividity with its medicolegal aspect.
- c) Define Abortion, classify abortion and add a note on MTP Act 1971.

OR

- d) Define injury and give its classification and write in detail about grievous hurt.

Long answer question (any one from Q.No. 5, 6 and 7) [1×20=20]

- 5. What are the routes of administration of the poison? How will you diagnose the case of poisoning? Write a note on removal of unabsorbed poison.
- 6. Discuss classification of corrosives, write a note on vitriolage and explain in detail about Carbolic acid poisoning.
- 7. Discuss in detail about Nux vomica poisoning, its signs and symptom fatal dose, fatal period, treatment, postmortem findings and medicolegal aspect.



Second B.H.M.S. (2015) Examination, (Phase-II) Summer - 2022
HOMOEOPATHIC MATERIA MEDICA

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) All questions are **compulsory**.
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

2. Short Answer Questions (Solve any 4 out of 6): **[4 × 5 = 20]**

- a) Describe guiding indication of pulsatilla.
- b) Define Biochemic system of medicine and its concept.
- c) Describe the types of Homeopathic Materia Medica.
- d) Describe Argentum Nitricum in mind.
- e) Write physical general symptoms of Gelsemium.
- f) Describe the sources of Homeopathic Materia Medica.

3. Short Answer Questions (Solve any 4 out of 6): **[4 × 5 = 20]**

- a) Write the physical general symptoms of Bryonia.
- b) Describe guiding indication of Calcarea Phos.
- c) Describe Drosera in respiratory complaints.

- d) Arsenic in mind
- e) Describe different ways to study Homeopathic Materia Medica.
- f) Write the sources of drugs.

4. Long Answer Questions (Solve any 2 out of 4): [2 × 10 = 20]

- a) Compare and contrast between Colocynth and Mag-Phos in colic.

OR

- b) Compare guiding indication of Spongia and Ipecac in respiratory Complaints.

- c) Describe Ledum Pal and Calendula in injury.

OR

- d) Compare between Aconite and Baptisia Tinctoria in mind.

Long Answer Questions (Any one from Q. No. 5, 6 and 7): [1 × 20 = 20]

5. Describe in detail the drug picture of Silica.
6. Define Homeopathic Materia Medica, its basic concepts and construction of Homeopathic Materia Medica.
7. Describe in detail the drug picture of Calcarea-Carb.



Second B.H.M.S. (2015) Examination, (Phase-II) Summer - 2022
ORGANON OF MEDICINE

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) *Use blue/black ball point pen only.*
 - 2) *Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.*
 - 3) *All questions are **compulsory**.*
 - 4) *The number to the **right** indicates **full marks**.*
 - 5) *Draw diagrams **wherever** necessary.*
 - 6) *Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.*
 - 7) *Use a common answerbook for **all** sections.*

2. Short Answer Questions (Solve any 4 out of 6): **[4 × 5 = 20]**

- 10
- a) Concept of Disease in Homoeopathy.
 - b) Discuss Law of Disease Development.
 - c) Discovery of Law of Similars.
 - d) Case taking in Epidemic Disease.
 - e) How did Dr. Hering convert to Homoeopathy ?
 - f) Discuss Literary contributions of Dr. J. T. Kent.

3. Short Answer Questions (Solve any 4 out of 6): **[4 × 5 = 20]**

- a) Importance of Developmental Psychology.
- b) Factors affecting Motivation.

- 10
- c) Advantages and Disadvantages of Antipathy.
 - d) Attributes of Simple Substance.
 - e) Discuss various types of Secondary action.
 - f) Logic of Drug Proving.

4. Long Answer Questions (Solve any 2 out of 4): [2 × 10 = 20]

- a) Discuss the case taking as mentioned by Stuart Close.

OR

- b) Discuss the literary contributions of Dr. Boenninghausen.

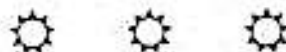
- c) Causations and Logic.

OR

- d) Discuss the concept of Vital Force.

Long Answer Questions (Any one from Q. No. 5, 6 and 7): [1 × 20 = 20]

5. Discuss Classification of Disease as given by Dr. Hahnemann in Organon. Write in detail with examples of each. Why is Hahnemannian classification superior to nosological classification of Disease?
6. Discuss why Aphorism 3 is known as Mini Organon? Write in detail about various knowledge the physician should have.
7. Discuss the School education of Dr. Hahnemann. How did his knowledge of languages help in discovery of Homoeopathy. Discuss the discovery of Homoeopathy in detail.





04212

Second B.H.M.S. (2015) Examination, Summer 2018
FORENSIC MEDICINE AND TOXICOLOGY

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only. -
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question Paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) :

(10×2=20)

- A) Warrant.
- B) What is Juvenile Court ?
- C) What is meant by hostile witness ?
- D) What is panchnama ?
- E) Examples of expert witness.
- F) What is dead body challan ?
- G) What is meant by Ballistic Injury ?
- H) Define postmortem Lividity.
- I) What is choking ?
- J) Locard's principle of exchange.
- K) What is Toxinology ?
- L) Constituents of universal antidote.
- M) Two active principle of opium.
- N) Ideal homicidal poison.
- O) Two common names of Abrus Precatorius.

P.T.O.



2. Write short answer (**any four** out of six) :

(4×5=20)

- a) Police Inquest.
- b) Sec. 320
- c) Algor mortis.
- d) Lochia.
- e) Workman's Compensation Act.
- f) Sexual Perversion.

3. Write short answer (**any four** out of six) :

(4×5=20)

- a) Chelating agent.
- b) Various schedules of poisons.
- c) Lead encephalopathy.
- d) Kerosene poisoning.
- e) Food Poisoning.
- f) Korsakoff's psychosis.

4. Long answer question (**any two** out of four) :

(2×10=20)

- a) Rule of nine.
- b) Define autopsy, what are the objectives of medicolegal post-mortem examination ?
- c) Define Hanging, types, its signs and symptom cause of death and PM appearance.
- d) What is natural sexual offences, examination of a victim of rape case ?

Long answer question (**any one** from Q. No. 5, 6 and 7)

5. Long answer question.

(1×20=20)

Explain organophosphorus compounds with reference to

- a) Signs and symptom
- b) Treatment
- c) P M finding
- d) Medicolegal aspects.



6. Long answer question.

(1×20=20)

Give details of Classification of Poisons

- a) Sign and symptom of Cardiac poisoning
- b) P M finding of death due to sulphuric acid poisoning
- c) Medicolegal aspect of alcohol poisoning
- d) Treatment, Fatal dose, Fatal period and PM finding of datura

7. Long answer question.

(1×20=20)

Give details of

- a) Universal antidote
 - b) Human poisoning and cattle poisoning
 - c) Various routes of administration of poison
 - d) Duties of doctor in case of suspected poisoning.
-