

Second B.H.M.S. (2015) Examination, (Phase - II) Summer - 2024
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY - I

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **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 the entire syllabus within the stipulated frame. The Question paper pattern is 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) Atrophy
- b) Pathogenesis of reversible cell injury
- c) Necrosis
- d) Air Embolism
- e) Transfusion reaction in blood transfusion
- f) What are the different abnormal colours of urine? Give urine test to detect sugar & blood in the urine.

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

- a) Jaundice
- b) Achalasia Cardia
- c) Mitral valve stenosis
- d) Write about Lumbar Puncture needle & CSF analysis.
- e) Atelectasis
- f) Megaloblastic Anaemia

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

- a) Define Healing. Discuss healing by second intention.

OR

- b) Explain in detail Antigens & Antibodies.
- c) Complication & Lab diagnosis of diabetes mellitus.

OR

- d) Etiology & Pathogenesis of peptic ulcer.

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

- 5. Define Inflammation & explain Etiopathogenesis, types, Pathological features & Lab diagnosis of Pancreatitis.
- 6. Describe Hypersensitivity reactions with examples.
- 7. Etiology, classification, gross & microscopic changes & complication of cirrhosis of liver.

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Second B.H.M.S. (2015) Examination, (Phase - II) Summer - 2024
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY - II

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
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 - 7) Use a common answerbook for all sections.

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

[4×5=20]

- a) Dengue virus
- b) Pathogenicity of E coli
- c) Differentiate between Amoebic & Bacillary Dysentery
- d) Different types of Bacterial spore
- e) Life cycle of Whipworm
- f) Write cultural characteristics of vibrio cholerae

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

[4×5=20]

- a) Types of Infectious diseases
- b) Write widal test in detail
- c) Relation between Host & Parasite
- d) Classification of fungi
- e) Factors predisposing to Microbial pathogenicity
- f) Growth requirement of bacteria

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

[2×10=20]

- a) Define sterilization. Describe in detail chemical sterilization and disinfection.
- b) Life cycle & pathogenesis of Leishmania donovani.
- c) Define culture media. Explain different types of culture media with examples.
- d) Describe in detail the Pathogenesis & Lab diagnosis of Herpes Simplex.

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

- 5. What are the difference properties of viruses? Add a note on HIV virus.
- 6. Describe Morphology, Cultural characteristics, Pathogenicity & lab diagnosis of Vibrio Cholera.
- 7. Describe in detail the Morphology, life cycle, pathogenicity & lab diagnosis of Echinococcus granulosus.



Second B.H.M.S. (Old)/(New) (2015) Examination, Summer - 2024

Phase - II

FORENSIC MEDICINE & TOXICOLOGY

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
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 - 7) Use a common answer book for section B.

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

[4 × 5 = 20]

- a) Battered Baby
- b) Saponification
- c) Lochia
- d) Duties of R.M.P.
- e) Consumer protection act
- f) Difference between Rigor mortis and cadavers spasm

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

[4 × 5 = 20]

- a) Lead encephalopathy.
- b) Chelating agent
- c) Gastric lavage.

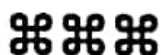
- d) Ergot poisoning
- e) Difference between arsenic poisoning and cholera
- f) Write a note on drug dependence.

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

- a) Define Injury by law. Discuss laceration in detail.
- b) Define autopsy, what are the objectives of medicolegal post-mortem examination.
- c) Types of courts in india. Explain it in detail.
- d) Define abortion, classify abortion and add a note on MTP act 1971.

Long Answer Questions (any one from Q.N. 5, 6 and 7) : [1 × 20 = 20]

- 5. 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 doctor in case of suspected poisoning.
- 6. Discuss classification of corrosives, write a note on vitriolage and explain in detail about carbolic acid poisoning.
- 7. Discuss in detail about opium poisoning with reference to its signs, symptoms, fatal dose, fatal period, differential diagnosis of opium poisoning, management and medicolegal aspect.



Second B.H.M.S. (New)/(2015) Examination, (Phase - II) Summer - 2024
HOMOEOPATHIC MATERIA MEDICA

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- 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 the entire syllabus within the stipulated frame. The Question paper pattern is 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 Classification of Homoeopathic Materia Medica. —
 - b) Write in detail GIT symptoms of Ipecac. —
 - c) Write in detail about Skin complaints of Hepar sulph. —
 - d) Write in detail about Limitations of Homoeopathic Materia Medica. —
 - e) Write in detail about Headache of Nux vomica. —
 - f) Write in detail about Different ways of studying Homoeopathic Materia Medica. —
- 3. Short Answer Questions(Solve any 4 out of 6) :- [4×5=20]**
- a) Write in detail Throat affection of Kali mur. —
 - b) Write in detail Respiratory affections of Antim tart. —
 - c) Write in detail Biochemic indications of Ferrum phos. —
 - d) Write in detail about Eye symptoms of Euphresia. —
 - e) Write in detail about Scope of Homoeopathic Materia Medica. —
 - f) Write in detail about GIT symptoms of Calc carb. —

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

- a) Compare and contrast Skin affections of Silicea and Sulphur.
- b) Write in detail Guiding symptoms and fever of Cinchona offic.
- c) Compare and Contrast Arnica mont and Ruta for Injury.
- d) Compare and contrast Nasal catarrh of Allium cepa and Pulsatilla nigra.

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

5. Write in detail drug picture of Bryonia alba.

OR

6. Define Homoeopathy. Write in detail about sources of Homoeopathic Materia Medica. Add a note on different sources of drugs with examples.

OR

7. Write in detail drug picture of Natrum Muriaticum.

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Attitude

Second B.H.M.S. (Old)/(New) (2015) Examination, Summer - 2024
Phase - II

**ORGANON OF MEDICINE & ORGANON AND HOMOEOPATHIC
PHILOSOPHY**

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

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 - 7) Use a common answer book for all section B.

2) Short Answer Questions : (any Four out of Six) [4 × 5 = 20]

- a) How was Dr. Kent converted to Homoeopathy?
- b) Mention Hufeland's statement on Homeopathy and explain it.
- c) Explain Secondary action of medicine with examples.
- d) State and Explain Therapeutic law of Nature with examples.
- e) Unprejudiced Observer
- f) What is Suspended animation? Give examples and its management.

3) Short Answer Questions : (any Four out of Six) [4 × 5 = 20]

- a) Discuss discovery of Homoeopathy in light of Inductive Logic.
- b) Explain Homoeopathy as 'The Science and The Art'.
- c) Importance of Dreams in Homoeopathy
- d) What are the three points necessary for Cure?
- e) Explain 'The Sick' according to Dr. Kent.
- f) Memory.

- 4) Long Answer Questions : (Solve any 2 out of 4) [2 × 10 = 20]**
- a) Define Susceptibility. Discuss the factors affecting it.
 - b) Discuss Simple Substance according to Dr. Kent.
 - c) What happens when two dissimilar diseases meet in nature in an individual?
 - d) Explain the conversion of Dr. Boenninghausen to Homoeopathy and his contributions in detail.

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

- 5) Enumerate in detail Knowledges of a Physician. Add a note on obstacles to recovery.**
- 6) Write down instructions about Case taking given by Dr. Hahnemann in the 6th edition of Organon of Medicine. Add note on Case Taking and management of Epidemic disease.**
- 7) Discuss the education and medical practice of Dr. Hahnemann. Add a note on contributions of Dr. Hahnemann as a Chemist and Hygienist.**

