

**Second B.H.M.S. (2015) Examination, Winter - 2023 (Phase - II)**  
**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 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.

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

- a) Fatty Change
- b) Pulmonary Embolism
- c) Apoptosis
- d) Clinical Significance of Bleeding Time & Clotting Time
- e) Pathogenesis of Irreversible cell injury
- f) Clinical Significance of ESR

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

- a) Nephrotic Syndrome
- b) Atrophy
- c) Emphysema
- d) ARDS
- e) Describe Abnormal findings of Physical examination of urine
- f) Describe Iron deficiency Anaemia

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

- a) General Properties, Pathways & regulation of Complement system
- b) Definition, Etiopathogenesis & Fate of Thrombosis
- c) Cirrhosis of Liver
- d) Etiopathogenesis, types & Pathological features of Pancreatitis

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

- 5) Define Infarction & explain Etiopathogenesis, Complication & Lab Diagnosis of Myocardial Infarction**
- 6) Define Immunity. Mention difference between Active & Passive Immunity. Describe Hypersensitivity Reactions.**
- 7) Describe Acute inflammation. Definition, Vascular events, Cellular events, cell derived & plasma derived mediators.**



**Second B.H.M.S. (2015) Examination, Winter - 2023 (Phase-II)**  
**PATHOLOGY, BACTERIOLOGY & PARASITOLOGY- II**

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 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 section B.

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

- a) Cultural characteristics of Salmonella Typhi
- b) Morphology of Ankylostoma Duodenale
- c) Measles virus
- d) Life cycle of Guinea worm
- e) Types of stains
- f) Pathogenicity of treponema pallidum

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

- a) Enumerate & describe different type of host in parasitic infections with examples.
- b) Endotoxins
- c) NIH swap
- d) Hospital Acquired infection
- e) Oncogenic virus
- f) Classification of culture media

**P.T.O**

4. Long Answer Questions (Solve any 2 Out of 4):- [2 × 10 = 20]
- a) Life cycle & pathogenicity of Taenia solium
  - b) What are the methods of sterilization by moist heat? Discuss sterilization by moist heat under pressure in detail
  - c) Discuss about viral morphology and lesion produced by Mumps
  - d) What is infection? Enumerate classification, source & method of transmission of infection

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

5. Describe morphology, cultural characteristics, pathogenicity & lab diagnosis of Corynebacterium Diphtheria
6. Describe morphology with antigenic structure, pathogenesis & lab diagnosis of rabies virus
7. Describe in detail the morphology, life cycle, pathogenesis & lab diagnosis of Ascaris Lumbricoides.





Second B.H.M.S. (Old)/(New)/(2015) Examination,  
(Phase - II) Winter - 2023  
FORENSIC MEDICINE & TOXICOLOGY

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 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 Section B.

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

- a) Mental health act
- b) What are intersex states ? Write about Turner's syndrome and Klinefelter's syndrome in detail.
- c) Agar Mortis
- d) Define witness, write types of witness in detail.
- e) Presumptive signs of pregnancy.
- f) Legitimacy

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

- a) Toxicological evidence
- b) Korsakoff's psychosis
- c) Treatment of snake bite
- d) Phossy jaw
- e) Kerosene poisoning
- f) Signs and symptoms of Arsenic poisoning

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

- a) Write about early signs of death.
- b) Define Artificial Insemination . Explain it in detail with it's medicolegal aspect.
- c) Define Injury by law and write bruise with respect to its types, characteristics, age and medico-legal aspects.
- d) Define Exhumation and write the procedure in detail.

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

5. Give the general characters, symptoms, signs, treatment, postmortem appearances and medico-legal aspects of phosphorus poisoning. Add a note on necrobiosis of liver.

OR

6. Discuss Methyl alcohol poisoning in detail.

OR

7. What is general line of treatment of poison? Add a note on universal antidote and Gastric lavage.



**Second B.H.M.S. (New)/(2015) Examination, Winter - 2023 (Phase - II)**

**HOMOEOPATHIC MATERIA MEDICA**

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 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 section B.

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

- a) Write in detail about Remedy relationship.
- b) Write about concept and construction of Homoeopathic Materia Medica.
- c) Write in detail about Hypericum injury.
- d) Write in detail about Cina baby.
- e) Write in detail about Calc phos baby.
- f) Write in detail about Sources of Drugs.

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

- a) Write in detail about different ways of studying Homoeopathic Materia Medica.
- b) Write in detail about Baptesia tint Fever complaints.
- c) Write in detail about Arum triphy Throat affection.
- d) Write in detail about Classification of Homoeopathic Materia Medica.
- e) Write in detail about Mag phos Colic.
- f) Write in detail about Apis mel Urinary affection.

- 4. Long Answer Questions (Solve any 2 Out of 4) :-** [2 × 10 = 20]
- a) Compare and contrast Fever complaints of Arsenicum album and Cinchona off.
  - b) Compare and contrast complaints of Haemorrhoids in Sulphur and Aloes soc.
  - c) Write in detail Guiding symptoms and fever of Aconite.
  - d) Write in detail about Mental complaints of Nux vomica and Lycopodium.

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

- 5.** Write in detail drug picture of Rhus tox.
- 6.** Define Homoeopathic Materia Medica. Write in detail about Scope and Limitation of Homoeopathic Materia Medica.
- 7.** Write in detail drug picture of Cal phos.





Second B.H.M.S. (Old)/(New)/(2015) Examination,  
(Phase - II) Winter - 2023  
ORGANON OF MEDICINE & ORGANON AND HOMOEOPATHIC  
PHILOSOPHY

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 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 Section B.

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

- a) Complex disease.
- b) Conversion of Dr. Hering to Homoeopathy.
- c) Vital Force in Health, disease and Cure.
- d) Brousseau's principles.
- e) ~~Suspended animation.~~ Def. temperament & their types.
- f) Discuss Hering's Law of Cure.

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

- a) Psuedo chronic Disease.
- b) Importance of Dreams in Homeopathy.
- c) Acute Disease.
- d) Different types of memory and its importance.
- e) Artificial disease and Natural Disease.
- f) Suspended Animation.

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

- a) Discuss the understanding of Primary and Secondary action in Homoeopathic cure.

OR

- b) Discuss the Contributions of Boenninghausen and its merits in daily practice.

- c) Discuss the use of Logic in the Discovery of Homoeopathy.

OR

- d) Importance of Analysis and Evaluation.

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

- 5. Discuss what happens when two dissimilar disease meet in the nature. Give examples of different situations arising from it.
- 6. What are the dos and don'ts of case taught by Hahnemann in Organon of Medicine? Illustrate these with examples.
- 7. Discuss the salient features of happenings in the life of Hahnemann. What do we learn from his life history?