

Second B.H.M.S. (2015) Examination, (Phase - III) Summer - 2023

**PATHOLOGY, BACTERIOLOGY & PARASITOLOGY - I (Paper-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 answerbook for section.

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

- a) Theories of Carcinogenesis
- b) Bone Marrow Examination
- c) Fracture Healing
- d) Laboratory Investigations in Pulmonary TB
- e) Evolution of a tubercle
- f) Fatty Liver

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

- a) Laboratory Diagnosis of Diabetes Mellitus.
- b) Benign Enlargement of Prostate.
- c) Sago Spleen.
- d) Pathology of Acute Myocardial Infarction.
- e) Lobar Pneumonia.
- f) Peripheral blood smear findings in nutritional anemias.

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

- a) Discuss Hepatitis A and B with respect to Etiopathogenesis and lab investigations.

**OR**

- b) Describe the Etiopathogenesis, Morphology and Pathologic features of acute post streptococcal glomerulonephritis.

- c) Define and Classify Immunity. Add a note on Herd immunity.

**OR**

- d) Define Gangrene. Differentiate between dry and wet Gangrene. Add a note on Gas Gangrene.

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

5. Define Anemias. Classify Anemias and describe the clinical features and lab investigations in Anemias. Add a note on Sickle cell anemias.
6. Define oedema. Discuss Etiopathogenesis of oedema. Add a note on cerebral and pulmonary oedema.
7. Define Shock and Classify. Discuss the Etiopathogenesis of Shock and Stages of Shock. Add a note on Cardiogenic Shock.



Second B.H.M.S. (2015) Examination, (Phase - III) Summer - 2023  
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY - II (Paper - II)

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

**SECTION - B**

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  - 4) The number to the right indicates **full marks**.
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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) Cultural characteristics of Meningococci.
- b) Life cycle of Taenia saginata.
- c) Varicella zoster virus.
- d) Type of stains.
- e) Morphology of Giardia lamblia.
- f) Pathogenesis of clostridium tetani.

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

- a) Difference between Exotoxins & Endotoxins.
- b) Stool examination of acute Bacillary dysentery.
- c) Classification of parasites.
- d) Chemical disinfectant.
- e) Different routes of infection.
- f) Candidiasis.



- 4. Long Answer Questions (Solve any 2 out of 4):** [2×10=20]
- Define sterilization & Disinfection. Explain physical methods of sterilization.
  - Describe Morphology & life cycle of *Wuchereria bancrofti*.
  - Define culture media. Describe in detail classification of special culture media.
  - Describe in detail the Morphology & Pathogenesis of Human Influenza virus.

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

- Describe Morphology, Cultural characteristics, Pathogenicity & lab diagnosis of *Salmonella Typhi*.
- Describe Morphological features, Route of transmission, Pathogenicity & Lab diagnosis of Human Immuno Deficiency Virus.
- Describe Morphology, life cycle, Pathogenesis & lab diagnosis of *Entamoeba Histolytica*.



Second B.H.M.S. (Old)/(Now)/(2015) Examination,  
Summer - 2023 (Phase - III)  
FORENSIC MEDICINE & TOXICOLOGY

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

**SECTION - B**

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  - 3) All questions are **compulsory**.
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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) Professional Misconduct
- b) Abrasion Injury
- c) Workmen's compensation act.
- d) What is Rule of nine and cause of death in thermal injury.
- e) Summon
- f) Dying Declaration

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

- a) Signs and symptoms of Iodine poisoning
- b) Drug and Cosmetic act 1940
- c) Diagnosis of poisoning in living and dead.

- d) Chelating Agent
- e) Carbon monoxide poisoning signs and symptoms.
- f) Universal antidote.

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

- a) Classify asphyxial death, write in detail about Strangulation.
- b) How will you determine race, age and sex and write its medicolegal importance?
- c) Write about drawing in detail.
- d) Define Exhumation and write in detail about exhumation.

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

- 5) Discuss Methyl Alcohol poisoning in detail.
- 6) Discuss the classification of poison according to their mode of action, describe about fate of poison and add a note on antidote.
- 7) Write in detail about sign, Symptoms, treatment, medicolegal aspect and postmortem changes in chronic lead poisoning.





**Second B.H.M.S. (New)/(2015)  
Examination, (Phase - III) Summer - 2023  
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 answerbook for all sections.**

- 2. Short Answer Questions (Solve any 4 Out of 6) :- [4×5=20]**
- a) Write in detail Respiratory complaints of Nat sulph.
  - b) Write in detail Paralytic complaints of Gelsemium.
  - c) Write in detail Rheumatic complaints of Led pal.
  - d) Write in detail about Scope of Homoeopathic Materia Medica.
  - e) Write the physical general symptoms of sulphur.
  - f) Write the Guiding symptoms of Pulsatilla.

3. **Short Answer Questions(Solve any 4 Out of 6) :-** [4×5=20]
- Write in detail about Biochemic indications of Kali phos.
  - Write in detail about Spongia - Cough.
  - Write in detail Physical general of Cal carb.
  - Write in detail different ways of studying Homoeopathic Materia Medica.
  - Write detail about construction of Homoeopathic Materia Medica.
  - Write in detail about sources of drug.

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

- a) Compare and contrast Asthmatic complaints of Arsenic alb and Ipecac.

OR

- b) Write in detail about Antim crud and Antim tart Baby.
- c) Compare and contrast Rheumatic complaints of Rhus tox and Bryonia alba.

OR

- d) Compare and contrast Colic of Colocynthis and Mag phos.

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

5. Define Biochemic system of Medicine. Write in detail about theory, history, principle according to Dr Schuessler. Enlist Twelve tissue remedies.
6. Write in detail drug picture of Silicea.
7. Write in detail drug picture of Hepar sulph.





Second B.H.M.S. (2015) (Old)/(New) Examination,  
Summer - 2023 (Phase - III)  
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 section B.

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

- a) Contribution of Dr Kent to Homoeopathy
- b) Antipathy
- c) Conversion of Dr Boenninghausen to Homoeopathy
- d) Law of Similars
- e) Law of Simplex
- f) Ideal prover

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

- a) Dreams
- b) Memory
- c) Suspended animation

- d) Inductive Logic
- e) Indisposition
- f) Primary Action

- 4) Long Answer Questions (Solve any 2 Out of 4) : [2 × 10 = 20]
- a) Discuss the History of Homoeopathy in India
  - b) What is Logic of Homoeopathy?
  - c) Discuss the Life and works of Dr Hering
  - d) What is Highest Ideal of Cure?

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

- 5) Discuss Life history of Dr Hahnemann with emphasis on his contributions as a Chemist and Hygienist.
- 6) Discuss Classification of Diseases as per Organon
- 7) What are Dissimilar Diseases? What happens when two dissimilar diseases meet in an individual in nature . Add a note on Natural Cures.

