

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 & Antibodys.
- 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.

OR OR OR

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**

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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.

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