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DAB012015201-P-1

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.



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DAB012015201-P-2

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.

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Second B.H.M.S. (New) Examination, (Phase - II) Summer - 2022  
PATHOLOGY & MICROBIOLOGY

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) Apoptosis
- b) Morphology of pneumococcus.
- c) Metastasis
- d) Bacterial flagella.
- e) Lab diagnosis of enterobius vermicularis.
- f) Kala azar.

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

- a) Widal test.
- b) Miasmatic background of peptic ulcer.
- c) Influenza virus.
- d) Acute glomerulonephritis.
- e) Ghon complex.
- f) Peripheral blood smear.

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

- a) Define inflammation. Describe the role of chemical mediators in inflammation.

OR

- b) Define cirrhosis. Give its classification and pathogenesis.
- c) Describe in detail life cycle of plasmodium vivax.

OR

- d) Describe in detail pathogenesis and lab diagnosis of streptococcus pyogenes.

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

5. Describe aetiopathogenesis of MI. Add note on complication of MI.
6. Describe in detail morphology, cultural characteristics, pathogenesis and lab diagnosis of vibrio cholerae.
7. Describe in detail the pathogenesis of different types of hypersensitivity reaction.

