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DAB012015201-P-1

Second B.H.M.S. (2015) Examination, Winter - 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.** Rough work should not be done on the Answer Sheet or anywhere on the Question Paper except the specific space provided for the rough work. 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) Laboratory Diagnosis of Pulmonary TB

b) Differentiate between pale and red infarcts

c) Proteinuria 2

d) Fate of thromus 1

e) Coagulative necrosis 2

f) CVC Lung 2

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

a) B-Thalassemia

b) Acute Pancreatitis 2

c) Chronic Gastric ulcers and it's complications 2

d) Colloid Goitre 3

e) TORCH complex

f) Etiopathogenesis and classification of Bronchial Asthma 2

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

a) Define and Classify Amyloidosis. Describe it's pathogenesis, chemical nature and staining properties.

OR

b) Define Atherosclerosis. Describe the Etiopathogenesis and Pathology in detail. 4

c) Define Cirrhosis of liver. Mention the types and Etiopathogenesis. Discuss it's complications. 4

OR

d) Define and Classify Hypersensitivity reactions. Add a note on Anaphylaxis.

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

5. Define Inflammation. Mention it's types. Discuss the cellular and vascular events in detail. Add a note on Pyogenic Meningitis.

6. Define Immunity. Describe cellular and humoral immunity. Add a note on secondary immunodeficiency diseases. 35

7. Define Degeneration. Mention types. Discuss Etiopathogensis of reversible cell injury due to ischemia and hypoxia in detail. Add a note on Fatty Liver.

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Second B.H.M.S. (2015) Examination Winter - 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**. Rough work should not be done on the Answer sheet or anywhere on the Question Paper except the specific space provided for the rough work. 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) Lab diagnosis of C diphtherae

b) Differences between tuberculoid leprosy & lepromatous leprosy.

c) T vaginalis

d) Life cycle of W bancrofti

e) Methods of anaerobiosis

f) Oncogenic virus

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

   a) Lab diagnosis of food poisoning

   b) Nosocomial infections

   c) Mucor mycosis

   d) Immune complex disease

   e) Giardiasis

   f) Widal test

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

   a) Describe in details of different types of culture media.

   b) Describe different types mosquito borne viral illnesses.

   c) Describe in details of morphology, life cycle pathogenicity & lab diagnosis of T trichura.

   d) Describe in details of influenza virus.

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

5. Describe in details of lab diagnosis of different types of sexually transmitted diseases.

6. Describe in details of morphology, cultural characters, pathogenicity & lab diagnosis of E coli.

7. Describe morphology, life cycle, pathogenicity & lab diagnosis of A duodenale.