

[LD 6258]

AUGUST 2013

Sub. Code: 6258

SECOND YEAR BPT EXAM**PAPER IV – MICROBIOLOGY AND PATHOLOGY***Q.P. Code : 746258***Time: Three Hours****Maximum: 100 marks****Section A and B must be answered in SEPARATE Answer Book****SECTION – A
(MICROBIOLOGY)****I. Elaborate on:** (1X20=20)

1. Enumerate the causative agents of Viral hepatitis. Discuss in detail the laboratory diagnosis of Hepatitis B.

II. Write Notes on: (4X5=20)

1. Type 1 hypersensitivity reaction.
2. ELISA
3. Mode of spread of infection.
4. Typhoid fever.

III. Short Answer: (5X2=10)

1. Draw the diagram and label the HIV virus.
2. Name two organisms causing meningitis.
3. Mention two auto immune diseases.
4. Name two transport media for Vibrio Cholera specimens.
5. Mention two antigen antibody reactions.

**SECTION – B
(PATHOLOGY)****I. Elaborate on:** (1X20=20)

1. Define necrosis. Mention the types. Explain the causes and pathology of each type of necrosis.

II. Write Notes on: (4X5=20)

1. Define Gangrene. Mention the difference between dry and wet gangrene.
2. Pathogenesis of septic shock.
3. Rheumatic heart disease.
4. Lobar pneumonia.

III. Short Answer: (5X2=10)

1. Heart failure cells.
2. Types of leprosy.
3. White infarct.
4. Wet gangrene.
5. Ankylosing spondylosis.
