

Second Year BPT Degree Supplementary Examinations March 2018

MICROBIOLOGY AND PATHOLOGY

(2012 Scheme)

Time: 3 hrs

Max marks: 100

- Answer all questions
- Write section A and section B in separate answer books(32 Pages). Do not mix up questions from section A and section B.

Q P Code: 214014 Section A – Microbiology Marks: 50

Essay: (14)

1. Classify clostridia. Describe the pathogenesis, laboratory diagnosis and prophylaxis of tetanus.

Short notes: (2x8=16)

2. Disinfectants.
3. Pathogenesis and laboratory diagnosis of hepatitis B infection

Answer briefly: (5x4=20)

4. Laboratory diagnosis of streptococcus pyogenes infection.
5. Bacillus anthracis.
6. Type IV hypersensitivity reaction.
7. Flagella.
8. Cryptococcus neoformans

Q P Code: 215014 Section B – Pathology Marks: 50

Essay: (14)

1. Enumerate types of arthritis. Describe etiopathogenesis, lab diagnosis and morphology of rheumatoid arthritis

Short notes: (2x8=16)

2. Pathogenesis and morphology of alcoholic liver disease
3. Define and classify shock. Describe pathogenesis and pathology of shock

Answer briefly: (5x4=20)

4. Graves' disease of thyroid
5. Scurvy
6. Diabetic neuropathy
7. Factors influencing wound healing
8. Routes of transmission of HIV infection