

(New Scheme)

Reg. No.:.....

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
