

(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

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