

**(New Scheme)**

**Reg. No.:.....**

**Second Year BPT Degree Examinations - October 2016**

**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. Define immunity and explain in detail about different types of immunity.

**Short notes:**

**(2x8=16)**

2. Define, classify and explain about hypersensitivity
3. Clinical features and laboratory diagnosis of rheumatic heart diseases

**Answer briefly:**

**(5x4=20)**

4. Polio vaccines
5. Antimicrobials
6. ELISA test
7. Nosocomial infections
8. Filariasis

**Q P Code: 215014**

**Section B – Pathology**

**Marks: 50**

**Essay:**

**(14)**

1. Explain in detail about types of necrosis and gangrene

**Short notes:**

**(2x8=16)**

2. Describe in detail the pathogenesis of occupational lung diseases
3. Describe the aetio-pathogenesis and diagnosis of Jaundice.

**Answer briefly:**

**(5x4=20)**

4. Causes of lymph node enlargement
5. Iron deficiency anemia
6. Protein energy malnutrition
7. Polyps
8. Iodine deficiency goiter

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