

Second Year BPT Degree Supplementary Examinations - May 2015
(2012 Scheme)

MICROBIOLOGY AND PATHOLOGY

Time: 3 hrs

Max marks: 140

- 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. Describe in detail pathogenesis and laboratory diagnosis of tetanus. Add a note on prophylaxis

Short notes: (2x8=16)

2. Name the infection caused by staphylococcus. Describe the laboratory diagnosis and add a note on MRSA
3. Draw a neat labeled diagram of bacterial cell and describe in detail

Answer briefly: (5x4=20)

4. Type I hypersensitivity
5. IgG
6. Laboratory diagnosis of HIV
7. Opportunistic fungal infections
8. Laboratory diagnosis of cholera

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

Essay: (14)

1. Define neoplasia and classify tumors. Differentiate between benign and malignant tumors

Short notes: (2x8=16)

2. Describe the cellular events in acute inflammation
3. Amyloidosis

Answer briefly: (5x4=20)

4. Causes of peptic ulcer
5. Gohn's Complex
6. Aschoff body
7. Sequestrum
8. Laboratory diagnosis of megaloblastic anemia
