

**Second Year BDS Degree Supplementary Examinations - March 2014****GENERAL PATHOLOGY & MICROBIOLOGY****Time: 3 hrs****Max marks: 100**

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

**Q P Code: 201002****Section A – Pathology****Marks: 50****Essay****(14)**

1. Define and classify inflammation. Enumerate chemical mediators of inflammation and discuss its role in acute inflammation (2+2+5+5=14)

**Short essays****(2x8=16)**

2. Define leukemia. Discuss the laboratory diagnosis of acute leukemia. (2+6=8)
3. Define necrosis and mention the different types. And add a note on coagulative necrosis (1+3+4=8)

**Short notes****(5x4=20)**

4. Fate of thrombus
5. Hemophilia
6. Type IV hypersensitivity
7. Types of amyloid and the stains used
8. Hypertension.

**Q P Code: 202002****Section B – Microbiology****Marks: 50****Essay****(14)**

1. Describe the pathogenesis and laboratory diagnosis of pulmonary tuberculosis. Add a note on BCG vaccination (7+7=14)

**Short essays****(2x8=16)**

2. Describe the mechanisms and functions of cell mediated immune response. (5+3=8)
3. Describe cultivation of viruses and uses of virus culture. (6+2=8)

**Short notes****(5x4=20)**

4. Rhinosporidiosis
5. Normal flora of mouth
6. Delayed hypersensitivity
7. Toxin mediated staphylococcal infections
8. Chemical disinfectants

\*\*\*\*\*