

## Second Year BDS Degree Examinations - August 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 thrombosis. Discuss the pathogenesis of thrombus formation. Mention the fate and complications of thrombus. (2+6+3+3=14)

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

2. Define necrosis. Briefly discuss the various types of necrosis with examples. (2+6=8)
3. Discuss wound healing by first intention. Mention the complications of wound healing (6+2=8)

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

4. Immune thrombocytopenic purpura
5. Osteosarcoma
6. Hypertrophy
7. Leukemoid reaction
8. Chemical carcinogenesis

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

1. Classify spirochaetes. Describe the various stages of syphilis and its laboratory diagnosis (4+5+5=14)

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

2. Describe the various infections caused by streptococcus pyogenes. Add a note on streptococcus viridans in infective endocarditis (5+3=8)
3. Tabulate the differences between active and passive immunity (4+4=8)

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

4. Rhinosporidiosis
5. Actinomycosis
6. Bacterial plasmids
7. Oral manifestations of herpes virus infections
8. Hospital acquired infections

\*\*\*\*\*