

Second Year BDS Degree Supplementary Examinations - February 2016

GENERAL PATHOLOGY & MICROBIOLOGY**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: 201002**Section A – Pathology****Marks: 50****Essay****(14)**

1. Define inflammation. List the cardinal signs of inflammation. Describe the vascular and cellular events in acute inflammation. (2+2+10=14)

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

2. Define embolism. List the types of embolism. Add a note on gas embolism.(2+3+3=8)
3. Classify leukemia. Describe the peripheral blood and bone marrow picture of acute lymphoblastic leukemia. (3+3+2=8)

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

4. Differences between benign and malignant tumors
5. Actinomycosis
6. Pleomorphic adenoma of salivary gland
7. Mechanism of tumor metastasis
8. Peripheral blood findings of iron deficiency anemia

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

1. Define and classify hypersensitivity reactions. Describe in detail type I hypersensitivity reaction (3+4+7=14)

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

2. Non-suppurative complications of streptococcus pyogenes and add a note on group D streptococci. (3+5=8)
3. Describe the modes of transmission of HIV virus. Add a note on laboratory diagnosis of HIV virus. (3+5=8)

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

4. Bacterial flagella
5. Chemical disinfectants
6. Rhinosporidiosis
7. Interferon
8. Conjugation
