

**Second Year BDS Degree Supplementary Examinations – January 2017****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 leukemia. Classify acute leukemias. Discuss the laboratory diagnosis of chronic myeloid leukemia. Add a note on leukemoid reaction. (2+2+6+4)

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

2. Define gangrene. Mention the differences between wet and dry gangrene. (2+6)
3. Define inflammation. Mention the types and discuss the vascular events of acute inflammation. (2+2+4)

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

4. Ewing's sarcoma
5. Para neoplastic syndrome
6. Type II hypersensitivity reaction
7. Complications of myocardial infarction
8. Ameloblastoma

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

1. Name two mycobacteria that produce infection in man and the disease caused by them. Describe the mode of transmission, clinical features and laboratory diagnosis of any one of them.

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

2. Define and classify hypersensitivity. Describe type I hypersensitivity. (4+4=8)
3. Classify streptococci. Enumerate the infections produced by streptococcus pyogenes. Discuss streptococcus viridans and their role in infective endocarditis.

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

4. Coryne bacterium diphtheria
5. Transport media
6. Hepatitis B vaccine
7. Candida albicans
8. Universal precautions.
