

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.

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