

Second Year BDS Degree Examinations July 2019

General Pathology & General Microbiology

(2016 Scheme)

Time: 3 hrs

Max marks: 70

- Answer all questions
- Draw diagrams wherever necessary
- 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: 211002

Section A: General Pathology

Max Marks: 35

Essay: (10)

1. Define neoplasia. Enumerate features of a malignant neoplasm. Add a note on basal cell carcinoma. (2+5+3)

Short Notes: (2x5=10)

2. Classify non sporing anaerobes. Discuss the parthenogenesis and lab diagnosis
3. Define leukemia. Write peripheral smear and bone marrow picture of chronic myeloid leukemia

Answer Briefly: (5x3=15)

4. Enumerate complications of diabetes mellitus
5. Ameloblastoma
6. Fate of thrombus
7. Enumerate opportunistic infections associated with AIDS
8. Erythrocyte sedimentation rate

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Section B: General Microbiology

Max Marks: 35

Essay: (10)

1. Name the causative agent, pathogenesis and laboratory diagnosis of tuberculosis. (2+4+4)

Short Notes: (2x5=10)

2. Classify non sporing anaerobes. Describe the pathogenesis of odontogenic infections produced by them. (2+3)
3. Define sterilization. Describe the principle and uses of autoclave. (2+3)

Answer Briefly: (5x3=15)

4. Anaphylaxis
5. Mechanism of drug resistance in bacteria.
6. Hepatitis B vaccine
7. Oral thrush
8. Laboratory diagnosis of human immunodeficiency virus infection.
