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Second Year BDS Degree Examinations July 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 anemia. Classify hemolytic anemia. Describe microscopy and complications of sickle cell anemia. (2+4+4+4=14)

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

2. Define neoplasm. Enumerate the differences between benign and malignant tumour. (2+6=8)
3. Define atherosclerosis. Describe the morphology and complications. (2+6=8)

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

4. Phagocytosis
5. Leukoplakia
6. Healing by primary intention
7. Ghon's complex
8. Osteoclastoma

Q P Code: 202002 Section B – Microbiology Marks: 50

Essay **(14)**

1. Describe the morphology of corynebacterium diphtheria. Discuss the mode of transmission, clinical manifestations and laboratory diagnosis of Diphtheria. Add a note on prophylaxis of the disease. (2+1+4+5+2=14)

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

2. Classify treponemes. Describe the oral lesions in syphilis. Discuss briefly the serological tests for diagnosis of syphilis. (2+2+4=8)
3. What are immunoglobulins. Name them and describe their role in defence mechanism. (2+2+4=8)

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

4. Mumps virus
5. Chemical disinfectants
6. Delayed hypersensitivity
7. Non sporing anaerobes
8. Entamoeba gingivalis

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