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Second Year BDS Degree Examinations -September 2013

GENERAL PATHOLOGY & MICROBIOLOGY

Time: 3 hrs **Max marks: 100**

- Answer all questions
- Write section A and section B in separate answer books. Do not mix up questions from section A and section B.

Q P Code: 201002 Section A – Pathology Marks: 50

Essay **(14)**

1. Define neoplasm. List the oncogenic viruses and the neoplasm caused by them. Describe the process of viral carcinogenesis. (2+3+4+5=14)

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

2. Define oedema and list the causes. Describe the aetio-pathogenesis of cardiac oedema. (2+3+3=8)
3. Classify diabetes mellitus. Describe the aetio-pathogenesis and list the complications of diabetes mellitus (2+4+2=8)

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

4. Mucormycosis
5. Scurvy
6. Peripheral blood and bone marrow picture of megaloblastic anemia
7. Peripheral blood picture of chronic myeloid leukemia
8. Pathologic Calcification

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

Essay **(14)**

1. Define and classify sterilization. Add a note on moist heat method of sterilization (2+4+8=14)

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

2. Draw a neat labeled diagram of bacterial cell. Add a note on bacterial cell wall.(5+3=8)
3. Mode of transmission of HIV infection and laboratory diagnosis of HIV infection in window period. (4+4=8)

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

4. Classical complement pathway
5. Actinomycetes
6. Candidiasis
7. Laboratory diagnosis of diphtheria
8. Oral manifestations of syphillis.

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