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Second Year BDS Degree Supplementary Examinations July 2018

General Pathology & Microbiology

(2010 Scheme)

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 edema. Mention the different types of edema and factors causing edema. Describe the pathogenesis of cardiac edema. (2+2+5+5)

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

2. Define anemia. State the morphological classification of anemia. Describe the peripheral smear and bone marrow findings in megaloblastic anemia. (2+2+4)
3. Define neoplasia. Discuss the differences between benign and malignant tumors. State two examples for each of the benign and malignant tumors. (2+4+2)

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

4. Chronic granulomatous inflammation.
5. List the diseases transmitted by blood transfusion and discuss the opportunistic infections in AIDS.
6. Pathogenesis of diabetes mellitus.
7. Ameloblastoma.
8. Classify salivary gland tumors and describe the morphology of Warthin's tumor.

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

Essay **(14)**

1. Describe the etiology,pathogenesis and lab diagnosis of Tuberculosis. Add a note on prophylaxis. (2+5+5+2)

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

2. Classify immunity. Describe in detail the components and cells of innate immunity. (2+6)
3. Describe in detail the pathogenesis, laboratory diagnosis and prophylaxis of diphtheria. (2+2+4)

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

4. Streptococcus pneumoniae
5. Non sporing anaerobes.
6. Name the blood borne viral infections and describe the laboratory diagnosis of any one of them.
7. Candida albicans.
8. Standard precautions.

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