

Second Year BDS Degree Examinations - August 2015

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 and classify anemia. Discuss the lab diagnosis of megaloblastic anemia.

(2+4+8=14)

Short essays

(2x8=16)

2. Define and classify shock. Discuss the pathogenesis of septic shock

(2+2+4=8)

3. Classify salivary gland tumors. Mention the gross and microscopic features of pleomorphic adenoma

(4+4=8)

Short notes

(5x4=20)

4. Phagocytosis
5. Immune thrombocytopenic purpura
6. Primary tuberculosis
7. Erythrocytic sedimentation rate
8. Risk factors of atherosclerosis

Q P Code: 202002

Section B – Microbiology

Marks: 50

Essay

(14)

1. Describe the pathogenesis and laboratory diagnosis of diphtheria. Add a note on prophylaxis of diphtheria.

(5+5+4=14)

Short essays

(2x8=16)

2. Describe sterilization . Add a note on the principle and functioning of autoclave.

(2+3+3=8)

3. Define innate immunity and describe the mechanisms of innate immunity

(1+7=8)

Short notes

(5x4=20)

4. Mumps virus
5. Laboratory diagnosis of HIV/AIDS
6. Immunoglobulin M
7. Viridians streptococci
8. Genetic engineering
