

**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

