

2010 Scheme

Reg. No.:

Second Year BDS Degree Supplementary Examinations July 2023

General Pathology & Microbiology

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw Diagrams wherever necessary*
- *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 (14)

1. Define Necrosis. Describe the morphology of a necrotic cell. Discuss the types of Necrosis with suitable examples (1+3+10)

Short essays (2x8=16)

2. What is Edema. Describe the pathophysiology and morphology of Edema. (2+6)
3. Define Anaemia. Write in detail about Sickle cell anaemia. (2+6)

Short notes (5x4=20)

4. Granulomatous inflammation
5. Leucoplakia
6. Define Hypertrophy. Mention the types of Hypertrophy
7. Mention the normal platelet count. What are the causes of Thrombocytopenia.
8. Pleomorphic adenoma

Q P Code: 202002 Section B – Microbiology Marks: 50 (14)

1. Aetiology, virulence factors, laboratory diagnosis and prevention of Diphtheria (1+3+6+4)

Short essays (2x8=16)

2. Classify Immunoglobulins. Draw a neat labelled diagram of IgG antibody. Write its biological functions. (1+4+3)
3. Enumerate the bacterial flora of the oral cavity. Add a note on the beneficial and harmful effects of the oral microbial flora. (4+2+2)

Short notes (5x4=20)

4. Laboratory diagnosis of Hepatitis B Viral infection.
5. McIntosh Fildes Jar: Function, mechanism of action and quality control.
6. Rhinosporidiosis
7. Enumerate various opportunistic infections associated with HIV infection.
8. Laboratory diagnosis of Falciparum Malaria
