

2010 Scheme

Reg. No.:

Second Year BDS Degree Supplementary Examinations July 2022

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

Essay

(14)

1. Define inflammation. Mention the types of inflammation. Describe the cellular events of inflammation (2+2+10)

Short essays

(2x8=16)

2. Define amyloidosis. Classify amyloidosis. Mention the special stains used to demonstrate amyloidosis. (2+4+2)
3. Define anaemia. Give the morphological classification of anaemia. Describe peripheral smear and bone marrow findings in megaloblastic anaemia. (2+2+4)

Short notes

(5x4=20)

4. Pleomorphic adenoma
5. Define atrophy. Mention the types of atrophy with examples.
6. Leukemoid reaction: Definition and types with examples
7. Erythrocyte sedimentation rate
8. Vitamin D deficiency

Q P Code: 202002

Section B – Microbiology

Marks: 50

Essay

(14)

1. Classify Staphylococcus. Discuss on the various virulence factors of Staphylococcus aureus and the lesions produced by them. Describe the laboratory diagnosis of infections caused by staphylococcus. (2+4+4+4)

Short essays

(2x8=16)

2. Enumerate the various methods of anaerobic culture methods. Write in detail on the components and function of McIntosh Fildes agar. (3+5)
3. Define and classify agglutination reactions. Name four agglutination tests and discuss about one test. (1+1+4+2)

Short notes

(5x4=20)

4. Bacterial Growth curve
5. Secretory Immunoglobulin
6. Laboratory diagnosis of Candida albicans
7. Immunoprophylaxis of Hepatitis B virus infection.
8. Black water fever
