

2010 Scheme

Reg. No.:

Second Year BDS Degree Supplementary Examinations January 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
Essay (14)

1. Define Neoplasia. Describe the difference between benign and malignant tumours. Mention the types of spread of tumour. (2+8+4)

Short essays (2x8=16)

2. Define Apoptosis. Describe the morphological features of apoptosis. Give examples. (2+4+2)
3. Define gangrene. Mention types of gangrene. Describe gas gangrene. (2+2+4)

Short notes (5x4=20)

4. Osteosarcoma
5. Primary syphilis
6. Idiopathic thrombocytopenic purpura.
7. Urinary sediments
8. Peripheral smear and bone marrow findings in megaloblastic anaemia.

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

1. Classify spirochaetes. Elaborate in detail on pathogenesis and laboratory diagnosis of syphilis. (2+6+6)

Short essays (2x8=16)

2. Mention the causative agents of gas gangrene. Describe the laboratory diagnosis of gas gangrene caused by clostridium perfringens. (2+6)
3. Classify hypersensitivity. Write a detailed account on delayed hypersensitivity. (2+6)

Short notes (5x4=20)

4. Selective media
5. 'T' lymphocytes
6. Culture media for fungi
7. MR vaccine
8. Name four intestinal nematodes
