

**Second Year BDS Degree Regular/Supplementary Examinations  
January 2023**

**General Pathology & General Microbiology  
(2016 Scheme)**

**Time: 3 hrs**

**Max marks: 70**

- *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: 211002**

**Section A: General Pathology**

**Max Marks: 35**

**Essay: (10)**

1. Define and classify inflammation. Describe in detail the cellular and vascular events in inflammation. (1+1+4+4)

**Short Notes: (2x5=10)**

2. Define anaemia and describe the peripheral smear and bone marrow findings in megaloblastic anaemia
3. Define neoplasia and discuss the routes of spread of tumors.

**Answer Briefly: (5x3=15)**

4. Pleomorphic adenoma
5. Granulomatous inflammation
6. Osteosarcoma
7. Pathogenesis of oedema
8. Hemophilia

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**Q P Code: 212002**

**Section B: General Microbiology**

**Max Marks: 35**

**Essay: (10)**

1. Classify mycobacterium. Discuss the pathogenesis and laboratory diagnosis of pulmonary tuberculosis (2+3+5)

**Short Notes: (2x5=10)**

2. Classify culture media. Explain enriched media. Write two examples (2+2+1)
3. Discuss the structure and functions of immunoglobulin G (2+3)

**Answer Briefly: (5x3=15)**

4. Standard precautions against blood borne infections
5. Widal test
6. Morphology of HIV
7. Rhinosporidium
8. Streptococcus viridans

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