

**Second Year BDS Degree Regular/Supplementary Examinations  
February 2022**

**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 thrombosis. Describe the etiopathogenesis of thrombus formation. Add a note on fate of thrombus (2+5+3)

**Short Notes:**

**(2x5=10)**

2. Define leukaemia. Describe the peripheral smear and bone marrow findings in chronic myeloid leukaemia
3. Discuss the pathogenesis and complications of diabetes mellitus

**Answer Briefly:**

**(5x3=15)**

4. Pyogenic osteomyelitis
5. Erythrocyte sedimentation rate
6. Ameloblastoma
7. Malignant melanoma
8. Enumerate the differences between necrosis and apoptosis

**Q P Code: 212002**

**Section B: General Microbiology**

**Max Marks: 35**

**Essay:**

**(10)**

1. Describe the morphology, pathogenesis and laboratory diagnosis of clostridium tetani. (2+4+4)

**Short Notes:**

**(2x5=10)**

2. Define dental caries. Discuss the etiology of dental caries (2+3)
3. Name four causative agents of malaria. Add a note on pernicious malaria (2+3)

**Answer Briefly:**

**(5x3=15)**

4. Contribution of Louis Pasteur
5. VDRL test
6. MMR
7. Heterophile antigen
8. Mumps