

**Second Year BDS Degree Regular/Supplementary Examinations
December 2020**

**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 neoplasm. Enumerate the differences between benign and malignant neoplasms. (2+8)

Short Notes: (2x5=10)

2. Type 1 hypersensitivity reaction.
3. Peripheral smear and bone marrow findings in megaloblastic anaemia.

Answer Briefly: (5x3=15)

4. Actinomycosis
5. Fate of thrombus.
6. Secondary wound healing.
7. Pathological calcification
8. Packed Cell Volume (PCV)

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Section B: General Microbiology

Max Marks: 35

Essay: (10)

1. Describe the etiology, pathogenesis and laboratory diagnosis of pulmonary tuberculosis. (2+4+4)

Short Notes: (2x5=10)

2. Laboratory diagnosis and prophylaxis of diphtheria. (3+2)
3. Describe the principles and uses of autoclave. (2+3)

Answer Briefly: (5x3=15)

4. Type II hypersensitivity.
5. Transduction.
6. Lab diagnosis of Hepatitis B infection.
7. Mucosal candidiasis.
8. Oral opportunistic infections in HIV patients.
