

# 2010 Scheme

Reg. No.: .....

## Second Year BDS Degree Supplementary Examinations August 2021 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 different types and cardinal signs of inflammation. Describe the vascular events of acute inflammation. (2+2+4+6)

**Short essays      (2x8=16)**

2. Define anemia. State the etiopathological classification of anaemia. Describe the peripheral smear and bone marrow findings in iron deficiency anemia. (2+2+4)
3. Define neoplasia. Discuss different types of carcinogens. (2+6)

**Short notes      (5x4=20)**

4. Define embolism and describe briefly about air embolism.
5. Vitamin C deficiency
6. List the sexually transmitted diseases and add a note on oral manifestations of syphilis.
7. Hypersensitivity reactions.
8. Pleomorphic adenoma.

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

1. Describe the etiology, pathogenesis and lab diagnosis of Tetanus. Add a note on prophylaxis. (2+4+5+3)

**Short essays      (2x8=16)**

2. Enumerate the different immunoglobulins. Discuss in detail the structure and functions of immunoglobulin G (IgG). (3+5)
3. Name moist heat methods of sterilisation. Describe in detail the principle working and uses of autoclave. (3+5)

**Short notes      (5x4=20)**

4. Laboratory diagnosis of pulmonary tuberculosis.
5. Anaerobic culture media.
6. Herpes simplex virus.
7. Non albicans candida.
8. Prophylaxis for needle stick injury.

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