

# 2010 Scheme

Reg. No.: .....

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

### 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. Tabulate the differences between benign and malignant tumours. Describe in detail on viral carcinogenesis. (2+7+5)

**Short essays**

**(2x8=16)**

2. Write briefly about vascular and cellular changes in acute inflammation. (4+4)
3. Pathophysiology of shock, types and stages of shock. (3+2+3)

**Short notes**

**(5x4=20)**

4. Fracture healing and factors influencing wound healing.
5. Define acute myeloid leukemia and add a note on the WHO classification of acute myeloid leukemia
6. Opportunistic infections of HIV.
7. Classify hemolytic anaemia and add a brief note on sickle cell anemia.
8. Define Ghon's complex. Give a brief note on pathological features of primary and secondary tuberculosis.

**Q P Code: 202002**

**Section B – Microbiology**

**Marks: 50**

**Essay**

**(14)**

1. Classify mycobacteria. Discuss the pathogenesis and lab diagnosis of pulmonary tuberculosis. Write a note on its prophylaxis. (2+5+5+2)

**Short essays**

**(2x8=16)**

2. Define and classify hypersensitivity. Write in detail about delayed hypersensitivity. (1+2+5)
3. Enumerate the causative agents of malaria. Discuss plasmodium falciparum in detail. (2+6)

**Short notes**

**(5x4=20)**

4. Normal flora of oral cavity
5. Herpes simplex virus infection
6. Laboratory diagnosis of syphilis.
7. Enriched media.
8. Name four viral vaccines. Add a note on MMR vaccine.

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