

# **2010 Scheme**

Reg. No.:.....

## **Second Year BPT Degree Supplementary Examinations July 2023**

### **Microbiology and Pathology**

**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 table/diagrams/flow charts 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: 205014      Section A – Microbiology      Marks: 50**

**Essay:** (10)

1. Classify mycobacterium. Describe in detail about the morphology, pathogenicity and laboratory diagnosis of M. tuberculosis.

**Short notes:** (5x5=25)

2. Laboratory diagnosis of HIV infection.
3. Urinary tract infections.
4. Immunoglobulin G.
5. Gonorrhea.
6. Opportunistic fungal infection.

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

7. Quellung reaction.
8. ELISA.
9. Name three Fungi causing systemic mycoses.
10. Define Zoonotic diseases. Give two examples.
11. Pasteurisation.

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**Q P Code: 206014      Section B – Pathology      Marks: 50**

**Essay:** (10)

1. Describe about congenital heart disease, etiopathogenesis and types.

**Short notes:** (5x5=25)

2. Diabetes mellitus.
3. Tumor.
4. Osteomyelitis.
5. Pathological calcification.
6. Jaundice.

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

7. Psoriasis.
8. Hypertrophy.
9. Cholecystitis.
10. Urinary tract infection.
11. Ischemia.

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