

# 2010 Scheme

Reg. No.:.....

## **Second Year BPT Degree Supplementary Examinations February 2024**

### **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 hypersensitivity reactions. Describe in detail the type I and type IV hypersensitivity reactions

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

2. Bacterial meningitis
3. Modes of transmission and laboratory diagnosis of HIV infection
4. Agglutination reactions
5. Vibrio cholerae
6. Autoclave and its uses

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

7. IgM antibody
8. Name three zoonotic disease
9. Mycotoxins
10. Prophylaxis of Hepatitis B
11. Name three bacteria causing urinary tract infection

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

**Marks: 50**

**Essay:** (10)

1. Define and classify anemia. Describe the clinical features and lab diagnosis of iron deficiency anemia

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

2. Type 1 hypersensitivity
3. Pathologic calcification
4. Osteogenic sarcoma
5. Tuberculosis
6. Oedema

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

7. Gout
8. Transfusion reactions
9. Tetralogy of Fallot
10. Kwashiorkor
11. Nephrotic syndrome

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