

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

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
