

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA– 506 002**

**BPT SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: JULY 2025
PATHOLOGY AND MICROBIOLOGY**

Time: 3 Hours

Max Marks: 80

Note: Answer part A & B questions in two separate answer books

Question in part “A” should not be answered in part “B” and vice versa. Otherwise they will not be valued

Part-A (PATHOLOGY) = 40 Marks

Write an essay on the following:

1 X 10 = 10

1. a) What is Gangrene? Write in detail about the types of morphologies of different Gangrenes. (2+8)
OR
b) Define shock? Write in detail about the types of shock and their pathophysiology. (2+3+5)

Write short note on the following:

4 X 5 = 20

2. Tuberculosis.
3. Laboratory diagnosis of Myocardial Infarction.
4. Myopathies.
5. Megaloblastic Anaemia.

Write briefly on the following:

5 X 2 = 10

6. Morphology of Chondroma.
7. Give Examples of Autoimmune Diseases.
8. Name four oncogenic viruses.
9. Sequestrum.
10. Types of emphysema.

Part-B (MICROBIOLOGY) = 40 Marks

Write an essay on the following:

1 X 10 = 10

11. a) Etiological agents for Respiratory Tract Infections. Write in details about the clinical manifestations and lab diagnosis of Streptococcal Sore Throat. (2+4+4)

OR

- b) Enumerate the microbes causing Blood Stream Infections. Write in detail about the clinical manifestations and lab diagnosis of Blood Stream Infections. (2+4+4)

Write short note on the following:

4 X 5 = 20

- 12. Bacterial Capsule.
- 13. Gases as Disinfectants.
- 14. Modes of transmission of Infectious Agents.
- 15. Anaphylaxis.

Write briefly on the following:

5 X 2 = 10

- 16. Poliomyelitis.
- 17. Immunoglobulins A.
- 18. Anaerobic Culture Methods.
- 19. Hepatitis B Vaccine.
- 20. Functions of T-Lymphocytes.
