

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA – 506 002

BDS SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS:

FEBRUARY, 2026

GENERAL PATHOLOGY AND MICROBIOLOGY

Time: 3 Hours

Max Marks: 70

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

(GENERAL PATHOLOGY) 35 Marks

Write an essay on the following:

1 X 9 = 9

1. Classify Hemolytic Anemia. Discuss the etiopathogenesis and laboratory diagnosis of Thalassemia.

Write a short note on the following:

4 X 4 = 16

2. Types of Necrosis with examples.
3. Phagocytosis.
4. Virchow's triad.
5. Differences between Benign and malignant Tumors.

Write briefly on the following:

5 X 2 = 10

6. Rickets.
7. Oral leukoplakia.
8. Rhinosporidiosis.
9. Osteoclastoma.
10. Tetralogy of fallot.

PART-B

(MICROBIOLOGY) 35 Marks

Write an essay on the following:

1 X 9 = 9

11. Classify streptococci. Describe in detail pathogenesis and laboratory diagnosis of streptococcus pyogenes?
(2+3+4)

Write a short note on the following:

4 X 4 = 16

12. Bacterial flagella.
13. Autoclave.
14. Autoimmunity.
15. Herpes simplex virus.

Write briefly on the following:

5 X 2 = 10

16. Define Nosocomial infection. Give two examples.
17. What are oncogenic viruses? Give two examples.
18. Define dimorphic fungi. Give two examples.
19. Vincent's angina.
20. Draw a neat and labelled diagram of immunoglobulin M.
