

PAPER CODE:BD151 A&B

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
BDS SECOND YEAR SUPPLEMENTARY DEGREE EXAMINATIONS: April, 2025
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. Define Anemia. Classify Anemia and add a note on lab diagnosis of Iron Deficiency Anemia.

Write a short note on the following: **4 X 4 = 16**

2. Write a note on routes of Tumour Metastasis with examples.
3. Pathologic Calcification.
4. Describe in detail mechanism of Type II Hypersensitivity with example.
5. Blood transfusion reactions.

Write briefly on the following: **5 X 2 = 10**

6. Draw a labelled diagram of Tubercular Granuloma.
7. List four viruses causing Cancer.
8. Mention four causes of Thrombocytopenia.
9. Define Metaplasia with four examples.
10. Mention four differences between Apoptosis and Necrosis.

Part-B (Microbiology) = 35 Marks

Write an essay on the following: **1 X 9 = 9**

11. Name various Sexually transmitted diseases. Describe the pathogenesis and laboratory diagnosis of Neisseria Gonorrhoea.

Write a short note on the following: **4 X 4 = 16**

12. Moist Heat.
13. Dimorphic Fungi.
14. Actinomycosis.
15. Laboratory diagnosis of Human Immunodeficiency Virus.

Write briefly on the following: **5 X 2 = 10**

16. Morphology of Giardia Lamblia.
17. Clinical manifestation of Herpes Simplex Virus.
18. Difference between T. Solium and T. Saginata.
19. IgM Antibody.
20. Define enriched media and give examples.
