

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

B.Sc. (MLT) FINAL YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: AUGUST, 2024

PATHOLOGY-II

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write an essay on any TWO of the following:

2 X 10 = 20

1. Discuss the mechanism of Coagulation and Anticoagulants used in Blood Collection.
2. Discuss the basic concepts of Immunohistochemistry and their applications.
3. Discuss the basic procedure for preparation of Glassware and Media for Tissue Culture.

Write a short note on any SIX of the following:

6 X 5 = 30

4. Special Stains for Fat.
5. Determination of Biomarkers in Cells.
6. Dry Heat Sterilization.
7. Fluorescent Reactions.
8. Reagents preparation for PAP Smear.
9. Sex Chromatin Identification Methods.
10. Platelet functions tests.
11. Care and selection of Donors for Blood Donation.

Write briefly on the following:

10 X 3 = 30

12. Freezing Microtome.
13. Reticulocyte Count.
14. Direct Coombs Tests
15. Photographic equipment in pathology.
16. Inverted Tissue Culture Microscope.
17. Mountants used in histopathology.
18. Romanowsky stains for Blood Smear.
19. Photomicrography in Cytogenetics.
20. Bleeding Time.
21. Packed Red Cells.
