

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA, WARANGAL – 506 002
B.Sc. (MLT) SECOND YEAR DEGREE EXAMINATIONS: FEBRUARY, 2026
PATHOLOGY-I

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark Color pencil.

Write an essay on any TWO of the following:

2 X 10 = 20

1. Mention the methods of collection of gynaecologic specimens. Discuss the methods of cervical smear preparation.
2. Describe semen analysis. Discuss the importance in case of infertility.
3. Discuss the organization of a histopathology laboratory on the methodology for reception and documentation of specimens.

Write a short note on any SIX of the following:

6 X 5 = 30

4. Fixatives in histopathology.
5. Describe the abnormal findings seen in CSF in TB meningitis.
6. Embedding agents in histopathology.
7. Urine microscopy.
8. Hormone cytology.
9. Preparation of cell block.
10. Test for ketone bodies in urine.
11. Automatic tissue processor.

Write briefly on the following:

10 X 3 = 30

12. DPX.
13. Uses of carbowax in cytology.
14. Impregnation.
15. Giemsa staining in cytology.
16. Acetone.
17. Explain Haemoglobinuria. How is it detected?
18. Specific gravity of urine.
19. Pericardial fluid.
20. Concentration technique of stool.
21. Types of mould used for making paraffin wax.
