

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. (MLT) Degree Examination – 28-Nov-2024

Time: Three Hours

Max. Marks: 80 Marks

PATHOLOGY – II (RS3)

Q.P. CODE: 3158

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Enumerate the indications for bone marrow study. Describe the procedure of bone marrow aspiration in detail.
2. List the Romanowsky's stains. What is the principle and procedure for Leshman's stain?
3. Describe electron microscope. Enumerate the types and uses of the same.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Describe the anticoagulants used in Haematology.
5. List the various mountants. Discuss mounting techniques.
6. Determination of HbF.
7. List the special stains for carbohydrates. Describe any one in detail.
8. Describe a cryostat.
9. Prothrombintime.
10. Preparation of specimens for museum.
11. Describe quality control in haematology.

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Enumerate the test for iron deficiency anemia.
13. Clinical significance of LE cell.
14. List the platelet function tests.
15. Morphology of Eosinphil.
16. List the supravital stains.
17. Enumerate types of hematoxylin.
18. What are the uses of Buffy coat?
19. List the types of microtome knives.
20. Causes of lymphocytosis.
21. Enumerate the steps in tissue processing.
22. Normal values of WBC count.
23. What is ICDS classification?
