

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year B.Sc. (M.L.T) Degree Examination – 02-Dec-2023

Time: Three Hours

Max. Marks: 100 Marks

PATHOLOGY – II (RS-4)

Q.P. CODE: 3281

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. Preparation and staining of blood films.
2. Describe the procedure of frozen section. Mention the indications of Frozen section.

OR

Describe the steps in tissue processing for paraffin embedding.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Haematocrit.
4. Prothrombin time and partial thromboplastin time.
5. Application of computer in pathology.

OR

Mounting techniques.

6. Calculation of red cell indices.
7. Progressive and regressive staining methods.
8. Reticulocyte count.
9. Demonstration of LE cell.
10. Decalcification.

OR

Indexing and record keeping in histopathology.

11. Coomb's test.
12. Write the sites for Bone Marrow aspiration. List the cells found in normal bone marrow.

SHORT ANSWER

10 x 3 = 30 Marks

13. Heinz bodies.
14. Types of microtome knives.
15. Write three causes of Thrombocytopenia.
16. EDTA.
17. Megaloblast.
18. Celloidin embedding.
19. DPX
20. Care of microscope.
21. Preparation of Eosin stain.
22. Mention three application of microphotography.