

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year B.Sc. (M.L.T) Degree Examination – 28-Dec-2022

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. Laboratory investigations of Hemolytic anemia.
2. Write about different types of Haematoxylins. Write about H & E staining.

OR

Describe the procedure of section cutting of a paraffin block. What are the difficulties encountered during section cutting.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Describe white blood cell count.
4. Quality control in Haematology.
5. Lab diagnosis of iron deficiency anemia.
6. Automation in histopathology laboratory.
7. Reticulocyte count.
8. Determination of haemoglobin electrophoresis.
9. List different types of microtomes and describe rotary microtome.
10. Fluorescent Microscopy.

OR

- Mounting of museum specimens.
11. Special stains for connective tissue.
 12. Honing and stropping.

SHORT ANSWER

10 x 3 = 30 Marks

13. Morphology of monocyte.
14. Name the screening tests available for G6PD deficiency.
15. Clotting time.
16. Name platelet function tests.
17. Name three clearing agents used in histopathology.
18. Automatic slide stainer.
19. Supravital stain.
20. What is MCV, MCHC and MCH?
21. Causes of eosinophilia.
22. Dark ground microscope.
