

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year B.Sc. (M.L.T) Degree Examination – 13-May-2025

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. Write in detail about tissue processing, decalcification and section cutting.
2. Write different methods of haemoglobin estimation and write in detail about cyanmethemoglobin method.

OR

Write about administration in hematology and quality control.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Investigation of G6PD deficiency.
 4. Mounts and mounting techniques.
 5. Museum technology.
- OR**
- Microphotography and its applications.
6. Maintenance of records in Histopathology.
 7. ICDS classification and coding.
 8. Determination of Hemoglobin.
 9. Mechanism of blood coagulation.
 10. Bone marrow biopsy study.

OR

- Erythropoiesis.
11. LE cell preparation.
 12. Cytochemistry.

SHORT ANSWER

10 x 3 = 30 Marks

13. Name the stains used for reticulocyte count.
14. Mean corpuscular volume.
15. Partial thromboplastin time.
16. Normal values of RBC and WBC count.
17. Urine Hemosiderin.
18. Three types of Hematoxylin.
19. Morphology of eosinophil.
20. Buffy coat.
21. Perl's stain.
22. Stem cells.