

QP CODE : 3154

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Allied Health Sciences Degree Examination – 12-May-2025

Time: Three Hours

Max. Marks: 80 Marks

PATHOLOGY

(RS3 – Medical Laboratory Technology, Medical Imaging Technology and Radiotherapy Technology
RS2 – Operation Theatre Technology, Cardiac Care Technology, Perfusion Technology, Renal
Dialysis Technology, Respiratory Care Technology, Anaesthesia Technology and Neurosciences
Technology)

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(QP contains two pages)

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

SHORT ESSAYS (Answer Any Eight)

8 x 5 = 40 Marks

1. Describe microscopic examination of stool
2. Describe sputum analysis
3. List the methods of hemoglobin estimation. Describe in detail about cyanmethemoglobin estimation
4. Describe in detail the principle and procedure of H and E stain
5. Explain extrinsic and intrinsic coagulation pathways with suitable diagram
6. Discuss the physical examination of urine
7. Describe preparation of 10% formalin. Write its advantages and disadvantages
8. Describe normal hematopoiesis
9. Describe biomedical waste categories and its management
10. Discuss anticoagulants used in hematology

SHORT ANSWERS (Answer Any Ten)

10 x 3 = 30 Marks

11. Factors affecting fixation
12. Discuss fouchet's test
13. Types of microtomes
14. Name various body fluids
15. Explain mordants
16. Name three mounting medias
17. Write the principle and procedure of hay's test
18. Name three clearing agents
19. Tests for blood in stool
20. Name three blood group system
21. Name three clearing agents
22. Packed cell volume

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TO THE POINT ANSWERS (Answer Any Five)

5 x 2 = 10 Marks

23. Name two causes of polyuria
24. Enlist the Transfusion Transmitted Infections
25. Name two non-bile stained ovas
26. Draw LJ Chart
27. Name three grossing instruments
28. Order of draw for blood collection
29. Uses and care of microscopes

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