

QP CODE : 3154

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Allied Health Sciences Degree Examination – 27-Nov-2024

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 principle and procedure of H and E staining
2. Classify anticoagulants and mention their appropriate tests
3. Describe the intrinsic and extrinsic coagulation cascade
4. Classify the methods of Hemoglobin estimation and describe Sahli's method
5. Describe how to collect and examine Pleural fluid
6. Describe principle and procedure of Bazedine test
7. Describe physical examination of urine
8. Describe rotatory microtome
9. Describe normal leukopoiesis
10. How do you collect a sputum sample?

SHORT ANSWERS (Answer Any Ten)

10 x 3 = 30 Marks

11. Describe the method of packed cell volume estimation
12. Describe benedict's test
13. Describe Landsteiner's Law
14. Enlist RBC indices and their normal Value
15. Describe the test for bleeding time and its normal value
16. Name three mounting media
17. Describe the standard operating procedure for Heat and Acetic acid test
18. Draw a neat Labeled diagram of Basophil
19. Name three clearing agents
20. Give normal values of PCV in adults
21. Enlist three adverse blood transfusion reactions
22. Enlist three Laboratory Safety guidelines

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TO THE POINT ANSWERS (Answer Any Five)

5 x 2 = 10 Marks

23. Name two causes of Anuria
24. Mention two Precursors of RBC
25. Mention the transfusions transmittable infections
26. Give normal values of AEC count
27. Mention two laboratory methods of Blood grouping
28. Draw a neat Labeled diagram of Sickle Cell and Spherocyte
29. What is the Normal Platelet count
