

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year B.Sc. Allied Health Sciences Degree Examination – 29-Nov-2023

**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)

**Q.P. CODE: 3154**

**(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. Steps in tissue processing
2. Bleeding time
3. Red cell indices
4. Anticoagulants used in hematology
5. Rotatory microtome
6. H and E staining
7. Examination of CSF fluid
8. Blood transfusion reactions
9. Microscopic examination of urine
10. Describe the procedure for receiving the specimens and processing.

### **SHORT ANSWERS (Answer Any Ten)**

**10 x 3 = 30 Marks**

11. Methods of PCV examination
12. Care of microscope
13. Urinary casts
14. Tests for protein in urine
15. Honing and stropping
16. Benedict's test
17. Mounting media
18. Rhesus blood group system
19. Describe the structure and function of RBC.
20. Bluing
21. Activated partial thromboplastin time
22. Describe cleaning of glassware.

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## **TO THE POINT ANSWERS (Answer Any Five)**

**5 x 2 = 10 Marks**

23. Cob web coagulum
24. Tests for occult blood in stools
25. Name the SI units
26. Name any two preservatives used in urine.
27. Name two clearing agents used in histopathology.
28. Mention the tests for ketone bodies.
29. Mention two concentration methods for stool examination.

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