

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. MLT Degree Examination – Aug 2013

Time: Three Hours

Max. Marks: 80 Marks

PATHOLOGY (RS3)**Q.P. CODE: 3154**

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. Name different fixatives and describe types and functions of formalin.
2. Describe tissue processing.
3. Describe method of H & E staining.
4. Describe the method of collection of urine and preservation.
5. Describe the method of collection of CSF and indications.
6. Describe various anticoagulants and mention the advantages and disadvantages of each.
7. Describe normal haemostasis.
8. *Describe morphology of blood cells*
9. Describe the different methods of blood collection in haematology laboratory.
10. ESR

SHORT ANSWERS (Answer any Ten)**10 x 3 = 30 Marks**

11. Grossing instruments
12. Mounting techniques and name two mountants.
13. Decalcification of tissues
14. ABO blood group system
15. Describe chemical examination of urine.
16. Preparation of body fluids for microscopic examination
17. Microscopy of sputum examination
18. Packed cell volume (PCV)
19. Describe the concentration method of stool examination.
20. Different methods of haemoglobin estimation
21. Laboratory safety
22. List three blood transfusion reactions.

TO THE POINT ANSWERS (Answer any Five)**5 x 2 = 10 Marks**

23. Describe the different morphology of sperms.
24. Name types of cross matching.
25. Name the tests for bleeding disorders.
26. Name two ova and cysts in stool examination.
27. Name different crystals in urine microscopy
28. Name different microtomes
29. Name different angles of knives
