



Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (MLT) Degree Examination - APRIL-2019

Time: Three Hours

Max. Marks: 80 Marks

Pathology – Paper III (RS-3 Scheme)

Q.P. CODE: 3161

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAY (Any Two)

2 x 10 = 20 Marks

1. Describe the techniques of collection of specimen for cervical cytology.
2. Write in detail ABO grouping and Rh typing.
3. Mention the different blood components prepared in the blood bank with shelf life and storage conditions.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Quality control in blood banking
5. HLA antigens and their significance
6. Cytological fixatives
7. Preparation of cell block
8. Cytologic criteria of malignancy
9. May Grunwald stain
10. Transfusion reaction
11. Methods of bleeding donors

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Cytospin preparation
13. Mention three diseases transmitted by blood transfusion
14. Mention methods of identification of sex chromatin
15. Apheresis
16. List two applications of immunohistochemistry
17. What is flow cytometry
18. List two automated equipments in cytology
19. Mention stains used in FNAC of breast.
20. Significance of Bombay Blood group
21. Two anticoagulants used in blood bank
22. Significance of Direct Coomb's test
23. Mention criteria for blood donor selection
