

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. (MLT) Degree Examination - 16-Dec-2022

Time: Three Hours

Max. Marks: 80 Marks

PATHOLOGY – PAPER III (RS-3)
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. Mention the different components prepared in blood bank with their uses and storage conditions.
2. Describe the Broncho Alveolar Lavage procedure. Add a note on principle and procedure of MGG stain.
3. Describe various Chromosomal banding techniques.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Discuss the procedure for cell block preparation.
5. Describe any one method of blood grouping procedure.
6. Discuss major cross matching technique.
7. Automation in cytology
8. Laminar Air flow equipment.
9. Pleural effusion – cell count and cell typing methods.
10. Autologous transfusion.
11. Fine needle aspiration cytology procedure.

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Mention four ovarian tumors.
13. Du testing and its significance.
14. List two applications of Immunohistochemistry.
15. Mention criteria for blood donor selection.
16. Describe Mesothelial cells.
17. List anticoagulants used in blood bank.
18. Maturation index.
19. List the tumors with Psammoma bodies.
20. Name the organisms detected on pap smear.
21. List the advantages of spray fixatives.
22. Name the various dyes used in Papanicolaou stain
23. Difference between transudate and exudate.
