

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. (MLT) Degree Examination - 27-Nov-2024

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. Name the various cytological indices. Describe the procedure for Liquid based cytology.
2. Describe the procedure for immunohistochemistry staining and applications of the same.
3. Enumerate various transfusion reaction. Explain the transfusion reaction workup.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Sex chromatin identification procedure
5. Procedure for Karyotyping.
6. Carbon dioxide incubator.
7. List five differences between benign and malignant tumors.
8. Autologous transfusion.
9. Principles and procedure of MGG stain.
10. Principle and procedure of Cytospin preparation.
11. Principle and procedure for Indirect Coomb's test.

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. List the indications for transfusion of Packed red cell.
13. List the different colours microscopy.
14. Indications of electron microscopy.
15. List various cytological indices of Female genital tract.
16. List three transfusion transmitted diseases.
17. Care of microscope.
18. Describe superficial cell.
19. What is Apheresis and list three uses.
20. Enumerate cytological fixatives.
21. What are oncogenes?
22. Principle of Papanicolaou stain.
23. Uses of cryoprecipitate.
