

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. (M.L.T) Degree Examination – 05-Jun-2024

Time: Three Hours

Max. Marks: 100 Marks

PATHOLOGY – III (RS-4)

Q.P. CODE: 3284

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. Write in detail about blood bank organisation, procedures and quality control.
2. Discuss about characterization of human chromosomes by various banding techniques.

OR

Enumerate transfusion reactions and add a note on transfusion reaction.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Cytologic criteria of malignancy.
4. Cell Block preparation.
5. Indirect Coomb's test.

OR

Cytology of Endometrium.

6. Cytology of respiratory tract lesions.
7. Image analysis.
8. Inverted microscope.
9. Preservation of immortalized cell lines.
10. Cross matching techniques.

OR

Applications of Immuno cytochemistry.

11. Minor Blood group systems.
12. Autologous transfusion.

SHORT ANSWER

10 x 3 = 30 Marks

13. Name three fixatives used in cytology.
14. Principle of Papanicolaou stain.
15. Shorr stain.
16. Hormonal cytological indices.
17. Cytology of CSF.
18. Three advantages of fine needle aspiration cytology.
19. Uses of cryoprecipitate.
20. Principle of flow cytometry.
21. Sex chromatin.
22. Platelet concentrate.
