



Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (M.L.T) Degree Examination – APRIL - 2015

Time: Three Hours

Max. Marks:80 Marks

PATHOLOGY - III (RS-2)

Q.P. CODE: 2903

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. List the various components prepared from the whole blood. Discuss in detail the preparation, storage and uses of each of them.
2. Enumerate the types of structural abnormalities in chromosomes with examples.
3. Give a detailed account of the Bethesda system of reporting of cervical smears.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Adverse transfusion reactions
5. Fixatives in cytology
6. CSF examination
7. Anatomy and histology of breast
8. Oncogenes
9. Quality control in blood bank
10. Flow cytometry
11. Hemolytic disease of the newborn

SHORT ANSWERS (Answer any ten)

10 x 3 = 30 Marks

12. Barr body
13. Karyopyknotic index
14. Bombay blood group
15. Safety measures in laboratory
16. Components of MGG stain
17. Liquid based cytology
18. Use and care of microscopes
19. Father of modern cytology and his contribution
20. Cell block preparation
21. What is dry and wet fixation?
22. Normal histology of thyroid gland
23. Microscopic examination of sputum
