



Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (M.L.T) Degree Examination – MAY 2016

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. Describe the normal cytology of female genital tract. Add a note on the Bethesda system.
2. Describe the methods of compatibility testing.
3. What are the different techniques used in cytogenetics? Mention the advantages and limitations of each of them.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Anticoagulants used in blood bank
5. Criteria for donor selection
6. Fine Needle Aspiration Cytology
7. Anatomy, histology and normal cytology of salivary gland
8. Chromosomal aberrations in cancer
9. Quality control in blood bank
10. Processing of body fluids
11. PAP technique of immunohistochemistry

SHORT ANSWERS (Answer any ten)

10 x 3 = 30 Marks

12. Define genetic counselling.
13. Maturation index
14. Changes occurring in stored blood components
15. Safety measures in laboratory
16. Gross examination of CSF
17. How do you demonstrate sex chromatin?
18. Rh blood group
19. Preparation of Giemsa stain
20. Subculturing of cell line
21. Autologous blood transfusion
22. Constituents of Pap stain
23. List the transfusion transmitted diseases.

