



Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (M.L.T) Degree Examination – Sep 2012

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. Cytology of CSF in inflammatory, non malignant and malignant conditions
2. Write about blood bank procedure. Add note on quality control
3. Write about the malignant and non malignant lesions of cervix.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Describe the procedure of karyotyping of solid malignant tumor
5. Anatomy, histology and physiology of lymph nodes
6. Preservation of fluids in cytology
7. Characteristic features of malignant cells
8. Safety measures taken while handling fluids from HIV positive individuals in lab
9. Significance of hormonal cytology
10. Describe the procedures of blood grouping and Rh typing
11. Who is an ideal donor?

SHORT ANSWERS (Answer any ten)

10 x 3 = 30 Marks

12. Write on stains used in chromosome studies
13. Difference between complete and incomplete antibodies
14. Preparation of Giemsa stain
15. Significance of peripheral smear in sex chromatin identification
16. Anticoagulants in blood bank
17. Colchicin
18. Landsteiner law
19. Monoclonal antibodies
20. What is Rh incompatibility?
21. Karyotypic analysis for peripheral blood lymphocytes
22. Give examples for biochemical markers in cells
23. Preservation of cell lines

