

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. (M.L.T) Degree Examination – Aug 2013

Time: Three Hours**Max. Marks: 80 Marks****PATHOLOGY – III (Revised Scheme)****Q.P. CODE: 1609**

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. Discuss the role of exfoliative cytology. What are the components of Bethesda system of reporting
2. Discuss the types of autologous transfusion and their benefits.
3. Transfusion reactions

SHORT ESSAYS**8 x 5 = 40 Marks**

4. Cytological stains
5. Karyotyping
6. Role of Gel technology in blood bank
7. Adverse donor reactions
8. Role of HLA typing in transfusion
9. Cytospin
10. Platelet concentrates
11. Anticoagulants used in Blood Bank

SHORT ANSWERS**10 x 2 = 20 Marks**

12. List four transfusion transmitted diseases
13. List four common sites of FNAC
14. Draw diagram to depict various cell types seen in cervical smear
15. What is Barr body? How is it identified?
16. Quality control of Fresh frozen plasma
17. What is Du test? What is its significance?
18. What is H antigen? What is its significance?
19. Describe the characteristics of malignant cells
20. What is Coomb's test? Give two indications
21. List four complications of transfusion
