

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (MLT) Degree Examination - SEP-2016

Time: Three Hours

Max. Marks: 80 Marks

Pathology – Paper III (RS-3 Scheme)

Q.P. CODE: 3161

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAY (Any Two)

2 x 10 = 20 Marks

1. Write briefly about the method of selection of blood donors and the methods of bleeding blood donors.
2. Describe the normal cytology of the cervix. Write the procedure of PAP staining.
3. Describe nomenclature and classification of human chromosomes. Write a note on Karyotyping.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Quality control in cytology
5. Anticoagulants and blood containers used in blood banking
6. Cytospin preparation
7. Write a note on smear preparation and fixatives used for sputum cytology
8. Work up of hemolytic transfusion reaction
9. Autologous transfusion
10. Rh typing methods
11. Indirect Coomb's test

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Mention two advantages of FNAC
13. What is flow cytometry
14. List three equipments used in tissue culture studies
15. Mention methods of identification of sex chromatin
16. Differences between transudate and exudates
17. What is immunohistochemistry
18. HLA antigen
19. Maturation index
20. Name three radiation changes in Squamous cells of cervical smear.
21. List three blood components
22. Three transfusion transmitted diseases
23. What is hemolytic disease of new born?
