



Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (MLT) Degree Examination - MAY 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. Describe criteria for selection of blood donor and method of collecting blood.
2. Name various cytological indices. Describe normal cytology of female genital tract.
3. Enumerate the types of structural abnormalities in chromosomes with examples.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Application of fine needle aspiration cytology
5. Component therapy
6. Cross matching in blood bank
7. Image analysis
8. Describe various cytofixatives.
9. Sex chromatin demonstration
10. May-Grunwald-Giemsa stain
11. Safety measures in laboratory

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Cryoprecipitate
13. Oncogenes
14. Use and care of microscope
15. Carbon dioxide incubator
16. Types of cells used for tissue culture
17. List all important blood group systems.
18. Shorr's stain
19. Normal cytology of urinary sediment
20. Bombay blood group
21. Anticoagulants used in blood bank
22. Name three transfusion reactions.
23. Name tissue used in karyotype analysis.

