

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (MLT) Degree Examination - OCT-2019

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. Enumerate blood transfusion reactions. Write on investigations of transfusion reactions.
2. Define Karyotype. Describe the procedure of karyotyping of malignant tumor.
3. Describe the various methods of sample collection and processing of cervical smears.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. ABO blood group
5. Inverted microscope
6. Autologous transfusion
7. Papanicolaou stain
8. Sex chromatin identification
9. Flow cytometry
10. Cell block preparation
11. Detection of biochemical markers in cell

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Name 2 applications of Immunohistochemistry
13. Du testing and its significance
14. Enumerate blood components
15. Normal cytology of urine sediment
16. Cryoprecipitate
17. Triploidy
18. Name 4 anticoagulants used in blood bank
19. Oncogenes
20. Colchicines
21. Cytological fixatives
22. Down's Syndrome
23. Principle of Shorr stain
