

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (MLT) Degree Examination - SEP-2017

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. Discuss in brief about the anatomy, histology and physiology of female genital tract.
2. Discuss the principles and equipment used in flow cytometry. Add a note on its uses in diagnosis of Leukaemias / lymphoma's.
3. Name the blood group systems / antigens of clinical importance. Discuss their application in transfusion practice.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. May Grunwald Geimsa stain
5. Laminar air flow equipment
6. Coomb's test
7. Cell block preparation
8. Fine Needle Aspiration Cytology
9. Transfusion reaction and work up
10. Chromosomal and DNA content of cells
11. CSF cytology

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Minor cross matching
13. Fresh frozen plasma
14. Mention blood transfusion transmitted diseases.
15. CSF in Pyogenic meningitis
16. Types of microscope
17. Principles of Shorr stain
18. Mention the indications of karyotyping
19. Bombay blood group
20. Maturation index
21. Papanicolaou stain
22. Name 3 cytological fixatives
23. Colchicine
