



Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (MLT) Degree Examination - APRIL 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. Describe the principles of immunohistochemistry. Describe 5 IHC markers and their significance.
2. Describe the voluntary donor selection Criteria. Add a note on donor adverse reactions and Post donation Care.
3. Describe in detail the procedure for FNAC. Add a note on spray fixatives and limitations of FNAC.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Pleural effusions-cell counting and cell typing
5. Quality control parameters of fresh frozen plasma
6. Graft Vs Host disease
7. Sample collection for Endometrial cytology
8. Describe the progressive and regressive stains.
9. Single donor platelets
10. Rapid Pap stain
11. Cell block preparation

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. What are the absolute indications for whole blood transfusions?
13. Mention Karyotypic and Phenotypic abnormalities of Turners Syndrome.
14. Two uses and two disadvantages of spray fixative
15. Name organisms detected on Pap smear examination.
16. Significance of packed red blood cell contamination
17. Draw neat labelled diagram of normal Pap smear
18. Mention different colours of Colloid in different stains.
19. Mention the hormones influencing normal menstrual cycle.
20. Mention the significance of Psammoma body.
21. Indications of Electron Microscopy
22. Indications of Bronchial brushings
23. Mention 2 normal maturation indices.
