

Rajiv Gandhi University of Health Sciences, Karnataka
Third Year B.Sc. Medical Laboratory Technology Degree Examination – 27-Nov-2024

Time: Three Hours

Max. Marks: 100 Marks

PATHOLOGY – III (RS-4)

Q.P. CODE: 3284

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. Discuss about anatomy, histology and physiology of female genital tract
2. Enumerate different blood system. Add a note on ABO blood group and its grouping methods

OR

Describe in detail the procedure for FNAC. Add a note on spray fixative and limitations of FNAC

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Single donor platelet
 4. Rapid pap stain
 5. Write on hemolytic disease of newborn
- OR**
- Explain the anatomy and physiology of salivary glands
6. Cross matching techniques
 7. Transfusion reactions and workup
 8. Discus indications of different blood components
 9. Rh system
 10. Write a note on preservation of immortalized cell line
- OR**
- Cytology of effusions in malignant conditions
11. Carbon dioxide incubator
 12. Write a note on laminar air flow equipment

SHORT ANSWER

10 x 3 = 30 Marks

13. Types of microscope
14. Mention Karyotypic and Phenotypic abnormalities of turners syndrome
15. Indication of whole blood transfusion
16. Composition of anticoagulants used in blood bank
17. Draw neat labelled diagram of normal Pap smear
18. G-banding
19. Principle of immunocytochemistry
20. Sub groups of A and B
21. Normal cell structure
22. Organization of blood bank
