

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (MLT) Degree Examination - MARCH 2018

Time: Three Hours

Max. Marks: 80 Marks

Pathology – Paper II (RS-3 Scheme)

Q.P. CODE: 3158

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAY (Answer any Two)

2 x 10 = 20 Marks

1. What is normal haemostatic mechanism? Discuss the tests for investigation of haemostasis.
2. Describe the various tests for diagnosis of megaloblastic anaemia and iron deficiency anaemia.
3. Briefly describe instruments used in histopathology.

SHORT ESSAY (Answer any Six)

6 x 5 = 30 Marks

4. Describe routine paraffin section cutting.
5. What are the applications of computers in pathology?
6. What are the anticoagulants used in haematology?
7. Enumerate methods of platelet count.
8. Describe preparation of blood smear and staining for differential count.
9. What is microphotography and its applications?
10. Describe investigations of G6PD deficiency.
11. Describe quality control and its significance in haematology.

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Describe Vitamin B₁₂ and folate assay.
13. What are platelet function test?
14. Name the cytochemical test and their indications.
15. How do you demonstrate LE cell?
16. How do you demonstrate haemosiderin in urine?
17. Describe application of fluorescent microscope.
18. What are methods of haemoglobin estimation?
19. Describe determination of HbF.
20. Normal values of RBC count.
21. What is ICDS classification?
22. Describe special stains for carbohydrates in tissue section.
23. What is MCV, MCH and MCHC?
