



Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (M.L.T) Degree Examination – Sep 2012

Time: Three Hours

Max. Marks: 80 Marks

PATHOLOGY – II (RS - 2)

Q.P. CODE: 1233

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Role of bone marrow aspiration and biopsy in haematological disorders.
2. Describe tests for the lab diagnosis of megaloblastic anaemia.
3. What is microtome. What are the types of microtomes. Write briefly on ultramicrotome

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Electron microscopy.
5. Connective tissue stains.
6. Frozen section.
7. Reticulocyte count.
8. Lab diagnosis of Spherocytic anaemia.
9. Activated partial thromboplastin time.
10. Describe path ways of blood co-aqulation.
11. Blood picture of Iron deficiency anaemia.

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Name three mounting media.
13. Write the principle of sickling test & its application?
14. What is the principle of Romanowsky stains. Name four of them.
15. Name three special stains for demonstration of fungi.
16. List three causes of prolonged bleeding.
17. Estimation of ESR by Westergren's method.
18. Name three tests to demonstrate fetal haemoglobin.
19. How do you prepare Peripheral smear? Describe staining procedure.
20. Name 3 cytochemical stains.
21. Red cell Indices.
22. What is buffy coat. Write two uses of buffy coat preparation.
23. What is Bence Jones protein? Name the disease associated with it.

