

## Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (M.L.T) Degree Examination – Aug 2013

Time: Three Hours

Max. Marks: 80 Marks

### **PATHOLOGY – II (Revised Scheme)**

**Q.P. CODE: 1606**

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. Describe the preparation and staining of peripheral blood smear. Add a note on the uses of peripheral blood smear examination.
2. Describe the principles of electron microscopy and the technique of preparing slides for the same.
3. Describe the mechanisms of coagulation.

#### **SHORT ESSAYS (Answer any Eight)**

**8 x 5 = 40 Marks**

4. Embedding media
5. Quality control in hematology
6. ICDs classification
7. Tissue processors
8. Write briefly about osmotic fragility test.
9. Packed cell volume
10. Test for bleeding and clotting time
11. Plastination
12. Technique of microphotography
13. Disposal of wastes in laboratory

#### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

14. Decalcifying agents
15. Mountants
16. Dehydrating agents in tissue processing
17. Morphology of LE cell
18. Types of knives used in histopathology
19. Supravital stain
20. What is frozen section?
21. Serial sections
22. Megaloblast
23. List out four clearing agents.

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