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**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 (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. *Describe Cryostat in detail.*
2. Describe the procedure of LE cell preparation and its Morphology.
3. Name the formed elements of Blood and write briefly about their morphology and function.

**SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Paraffin wax.
5. Automatic tissue processor.
6. Fluorescent microscope.
7. Cytochemistry.
8. Perl's stain.
9. Osmotic fragility.
10. Disadvantages of Hb estimation by Sahli's method.
11. Microphotography.

**SHORT ANSWERS (Answer any Ten)**

**10 x 3 = 30 Marks**

12. WBC count using Neubaur's chamber.
13. Clearing in Tissue processing.
14. Leuckhart's L pieces.
15. Prothrombin time.
16. Freezing Microtome.
17. *Mention any three fixatives.*
18. Clot lysis test.
19. Xylene.
20. Morphology of Monocyte.
21. Regressive method of staining.
22. Name the abnormal Hb pigments.
23. Microhaematocrit.

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