

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. (M.L.T) Degree Examination – SEP 2016

Time: 3 Hours

Max. Marks: 40 Marks

Pathology Q.P. Code: 1604

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1604 and 1605 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Define fixation. Classify fixatives with examples. Describe various factors affecting fixation.
2. Describe in detail physical and microscopic examination of urine. Add a note on urine preservation.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Care of microscope
4. Describe the steps in routine tissue staining with Hematoxylin and Eosin.
5. Anticoagulants in Haematology
6. Microscopic examination of semen
7. Classify different types of decalcifying agents with examples. Describe in detail any one method of detection of end-point of decalcification.

SHORT ANSWERS

5 x 2 = 10 Marks

8. PCV
9. Leuckhart's-L-moulds
10. Preparation of buffered formalin
11. What is clearing? Give two examples of clearing agents.
12. Enumerate different types of microtome knives.
