

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (MLT) Degree Examination - SEP 2016

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 are Hematoxylin? Classify Hematoxylin. Describe any one method of staining of Hematoxylin and Eosin stain
2. Discuss in detail Paraffin section cutting. Add a note on artifacts in Paraffin section cutting.
3. Discuss the preparation of a peripheral smear and staining by any one of the Romanowsky's stains.

SHORT ESSAY (Answer any Six)

6 x 5 = 30 Marks

4. Hemoglobin electrophoresis
5. Citrate anticoagulant
6. Microtome knives
7. Automatic slide stainer
8. Maintenance of records
9. Preparation of an ideal smear
10. Activated Partial Thromboplastin time
11. Periodic Acid Schiff stain

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Write three indications for bone marrow aspiration.
13. What are the stages of Erythrocyte Sedimentation Rate (ESR)?
14. Write the normal platelet count with two causes of thrombocytopenia.
15. Calculate Mean Corpuscular Volume (MCV).
16. What is the normal Hemoglobin level and RBC count in an adult male?
17. Write any three special stains used in the identification of connective tissue.
18. Importance of Perl's stain
19. What are the uses of Buffy coat?
20. Care of microtome
21. Honing
22. Supravital staining
23. Write the normal value of eosinophil in peripheral blood. Mention two causes of eosinophilia.
