



## Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (MLT) Degree Examination - APRIL - 2015

**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. Describe tests for the laboratory diagnosis of Megaloblastic anemia.
2. Describe various anticoagulants used in haematology. Enumerate the advantages and disadvantages of each.
3. Describe briefly instruments used in histopathology.

#### **SHORT ESSAY (Answer any Six)**

**6 x 5 = 30 Marks**

4. Write about normal hemostasis.
5. Write about peripheral smear and the qualities of an ideal smear.
6. Perl's stain
7. Test for auto-immune haemolytic anemia
8. Laboratory diagnosis of spherocytic anemia
9. BT (bleeding time)
10. Quality control in hematology
11. Myelopoiesis

#### **SHORT ANSWERS (Answer any Ten)**

**10 x 3 = 30 Marks**

12. Name four mounting media.
13. Name different types of cells seen in a normal bone marrow.
14. List four Haemoparasites.
15. Normal values of PT and APTT.
16. Write two points about Xylene.
17. Morphology of monocytes and its function
18. Absolute eosinophil count
19. Methods used to detect PCV (Hematocrit)
20. What is Buffy coat? Write uses of Buffy coat preparation.
21. Name three special stains for demonstration of fungi.
22. Name three Cytochemical stain.
23. List three causes for prolonged bleeding time.

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