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Total No. of Printed Pages: [01]

Total No. of Questions: [09]

B.Sc. (MLS) (Semester – 4th)
APPLIED HAEMATOLOGY-II
Subject Code: BMLS1428
Paper ID: [130519]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a. Define hemophilia and enlist types
- b. Difference between lymphoblast and myeloblast
- c. Define Iron deficiency anemia
- d. Enlist the Causes of Iron deficiency anemia
- e. Write a short note on fibrinolytic system
- f. Classify Hemolytic Anemias
- g. Give applications of various Radioactive isotopes
- h. Enlist risk factors for leukemia
- i. Phases of Chronic Myeloid Leukemia
- j. List the differences between extravascular and intravascular hemolysis

Section – B

(5 marks each)

- Q2. Write a short note on Iron Metabolism
- Q3. Write a short note on Idiopathic Thrombocytopenic Purpura
- Q4. Write a short note on Radiation hazards and its prevention
- Q5. Write a short note on laboratory features of hemolytic anemia
- Q6. Write a short note on platelet function tests

Section – C

(10 marks each)

- Q7. Define and classify Anemia. Laboratory features of Megaloblastic Anemia
- Q8. Define and classify leukemia's. Tabulate differences between leukemoid reaction and chronic myeloid leukemia
- Q9. Write a note on Disseminated Intravascular Coagulation, etiology, pathogenesis and investigations