

No. of Printed Pages : 4
Roll No.

221942

**4th Semester/DMLT, DMLT
(For Speech & Hearing Impaired)
Subject : Clinical Haematology-II**

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Which of the following cells is primarily involved in the formation of the platelet plug?
- a) erythrocytes b) Neutrophils
c) Platelets d) Monocytes
- Q.2 Which type of bone marrow is actively involved in blood cell production?
- a) Yellow marrow b) Spongy marrow
c) Red marrow d) Cortical marrow
- Q.3 Which test is most definitive for diagnosing leukemia?
- a) Peripheral blood smear
b) Bone marrow biopsy
c) Complete blood count
d) ESR test

- Q.4 The LE cell phenomenon is most commonly associated with which disease?
- Rheumatoid arthritis
 - Systemic lupus erythematosus (SLE)
 - Scleroderma
 - Dermatomyositis
- Q.5 What is the normal white blood cell (WBC) count in CSF of a healthy adult?
- 0-5 cells/ μ l
 - 5-20 cells/ μ l
 - 20-100 cells/ μ l
 - >.100 cells/ μ l
- Q.6 Which of the following is a normal pH range for semen?
- 4.0-5.0
 - 5.5-6.0
 - 6.0-7.0
 - 7.2-8.0

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Platelets play a role in _____.
- Q.8 DIC stands for _____.
- Q.9 pH of urine is _____
- Q.10 Define clot.
- Q.11 Name any two blood disorders.
- Q.12 What is the role of vitamin K in coagulation.

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SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Draw the well labelled structure of LE Cell.
- Q.14 Write a brief note on intrinsic pathway of coagulation.
- Q.15 Give the procedure of bone marrow aspiration.
- Q.16 Differentiate between AML and CML.
- Q.17 Give a brief account of semen collection and its transportation guidelines.
- Q.18 Write a short note on synovial fluid.
- Q.19 Differentiate between LE cell and Tart Cell.
- Q.20 Write the clinical importance of prothrombin time index.
- Q.21 How will you prepare bone marrow smear.
- Q.22 Write a short note on microscopic examination of CSF.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Give the principle, procedure and normal value of clotting time.
- Q.24 Discuss various pathways of coagulation.
- Q.25 Write the FAB classification of leukemia's.

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