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Roll No.

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

Time : 3Hrs.

M.M. : 60

SECTION-A

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

Q.1 Which of the following is a natural anticoagulant?

- a) Thrombin b) Fibrinogen
- c) Heparin d) Calcium

Q.2 What is the primary function of bone marrow?

- a) Storage of calcium b) Hematopoiesis
- c) Bone remodelling
- d) Synovial fluid production

Q.3 Which of the following is NOT a typical symptom of leukemia?

- a) Anemia b) Frequent infections
- c) Joint stiffness d) Easy bruising

(1)

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Q.4 The LE cell test is considered to be:

- a) A highly specific test of SLE
- b) A routine test of anemia
- c) Used to diagnose leukemia
- d) Specific for rheumatoid arthritis

Q.5 Bone marrow aspiration is usually done from the:

- a) Femoral shaft b) Tibial condyle
- c) Posterior iliac crest d) Radius

Q.6 In viral meningitis, the predominant cells in CSF are:

- a) Neutrophils b) Lymphocytes
- c) Monocytes d) Eosinophils

SECTION-B

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

Q.7 Expand BT & CT.

Q.8 Red bone marrow produces _____ cells.

Q.9 Expand FAB.

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Q.10 The normal semen sample liquefies with in _____ minutes of its collection.

Q.11 _____ membrane covers the heart.

Q.12 CML stands for _____.

SECTION-C

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

Q.13 Write the procedure of bleeding time by duke method.

Q.14 Briefly discuss the composition of bone marrow.

Q.15 Draw the well labeled diagram of sperm.

Q.16 What are the symptoms of leukemia's.

Q.17 Differentiate between red and yellow bone marrow.

Q.18 Write the clinical significance of LE Cells.

Q.19 Enlist the functions of pericardial fluid.

Q.20 What are the clinical significance of Hess test.

Q.21 Write the collection procedure of CSF.

Q.22 Describe the laboratory diagnosis of CLL.

SECTION-D

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

Q.23 Write the classification of various types of Leukemia's.

Q.24 Describe a method of LE cell preparation.

Q.25 Write the principle and procedure of APTT.