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**4th Sem / DMLT, DMLT
(For Speech and 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 What is the normal clotting time ?

- a) 30-45 Minutes
- b) 5-10 Minutes
- c) 10-13 Second
- d) 0-5 Seconds

Q.2 Pleural fluid is generally obtained from:

- a) Lumber puncture
- b) Brain
- c) GIT
- d) Lungs

Q.3 The main component analyzed in examination of sperm is

- a) Protein
- b) Glucose
- c) Fructose
- d) Fat

Q.4 In which year FAB classification of ALL was Introduced

- a) 1946
- b) 1988
- c) 1976
- d) 1968

Q.5 Which staining is used to examine the presence of iron content in bone marrow smear.

- a) Perl's staining
- b) AFB staining
- c) Both A & B
- d) None of these

Q.6 LE cells is discovered in

- a) 1948
- b) 1946
- c) 1942
- d) 1950

SECTION-B

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

Q.7 Haemopoisis is term used for _____.

Q.8 What is Acute Leukaemia.

Q.9 Write the Name two types of Bone marrow?

Q.10 What is the normal semen liquefaction Time ?

Q.11 Define the term LE cell.

(1)

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(2)

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Q.12 Normal THROMBIN TIME is _____.

SECTION-C

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

Q.13 Write the properties and composition of synovial fluid.

Q.14 What are the sites for bone marrow aspiration?

Q.15 Name all the crystals found in microscopic examination of urine .

Q.16 Write down the principle of APTT.

Q.17 Write is Ejaculation ?

Q.18 Give the clinical significance of L.E cell.

Q.19 Write the various symptoms of leukemia.

Q.20 Write the difference between yellow and red bone marrow.

Q.21 What type of blood specimens are needed for the preparation of L.E. cells ?

Q.22 Write down the principle and procedure for prothrombin Time.

SECTION-D

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

Q.23 How will you prepare and stain bone marrow smear?

Explain it's examination under microscope.

Q.24 Explain principle, procedure and clinical significance of Bleeding Time by Duke's method

Q.25 Explain cell counts technique for synovial fluid and their possible results.