

- Q.29 What are the normal findings of Pleural Fluid.
- Q.30 Write the procedure of Ivy method in brief.
- Q.31 Give the Lab diagnosis of Chronic Acute Leukaemia.
- Q.32 Write a short note on Semen analysis?
- Q.33 Briefly discuss theory of blood coagulation.
- Q.34 Write a note on abnormal morphology of Sperm.
- Q.35 Write the procedure for the collection of CSF.

#### Section-D

**Note: Long answer type questions. Attempt any two questions out of three Questions. (2x10=20)**

- Q.36 Write about the principle and Procedure of clotting time by Lee-white method.
- Q.37 Write a method of LE Cell preparation with its examination.
- Q.38 Explain about the FAB classification of Leukemia's.

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**4th Sem. Branch : DMLT**

**Subject : Cl. Haematology-IV/ Haematology-IV**

Time : 3 Hrs.

M.M. : 100

#### SECTION-A

**Note: Multiple choice Questions. All Questions are compulsory. (10x1=10)**

- Q.1 What is the normal Bleeding time?
- a) 30-45 minutes      b) 1-7 minutes
- c) 10-13 seconds      d) 0-5 seconds
- Q.2 Factor II is also known as
- a) Prothrombin      b) Calcium
- c) Tissue thromboplastin      d) Fibrinogen
- Q.3 Bone marrow acts as \_\_\_\_\_ tissue.
- a) Epithelial tissue      b) Connective tissue
- c) Muscular tissue      d) Nervous tissue
- Q.4 Which staining is used to examine the presence of iron content in bone marrow smear?
- a) Epithelial tissue      b) Connective tissue
- c) Muscular tissue      d) Nervous tissue

- Q.5 Extrinsic clotting pathway is initiated by  
 a) Platelets                      b) Hageman factor  
 c) Tissue thromboplastin d) Fibrinogen
- Q.6 Normal Liquefaction time of semen is \_\_\_\_\_  
 a) 30-45 minutes              b) 15-20 minutes  
 c) 10-13 second              d) 0-5 seconds
- Q.7 Platelets production is known by  
 a) Thrombocytopenia      b) Myelocytosis  
 c) Thrombocytosis          d) Myelocytopenia
- Q.8 Pleural fluid is generally obtained from :  
 a) Lumber puncture      b) Brain  
 c) Pelvis                      d) Lungs
- Q.9 XIII is activated by \_\_\_\_\_ into XIIIa.  
 a) Naturally activation      b) Thrombin  
 c) Tissue thromboplastin d) None of these
- Q.10 Hemophilia A is due to deficiency of  
 a) Factor VIII                  b) Factor VII  
 c) Factor IX                    d) Factor III

#### Section-B

**Note: Objective type questions. All questions are compulsory. (10x1=10)**

- Q.11 What is spermatozoa.

- Q.12 DIC stands for \_\_\_\_\_.
- Q.13 What is Liquefaction time of semen?
- Q.14 Expand BT.
- Q.15 What is a LE Cell?
- Q.16 Synovial fluid its obtained from \_\_\_\_\_?
- Q.17 What is CSF?
- Q.18 Name two types of Bone marrow?
- Q.19 Expand INR & APTT.
- Q.20 HESS test is for \_\_\_\_\_.

#### Section-C

**Note: Short answer type Questions. Attempt any twelve questions out of fifteen Questions. (12x5=60)**

- Q.21 Write the various functions of bone marrow.
- Q.22 Explain the various causes of bleeding disorders.
- Q.23 Write the clinical importance of prothrombin time index?
- Q.24 Give the principle and procedure for bleeding Time.
- Q.25 Write the various symptoms of Acute Leukemia's?
- Q.26 Write about the demonstration of Tart cell in brief.
- Q.27 Give the microscopic examination of synovial fluid.
- Q.28 Write the procedure of Iron staining method.