

No. of Printed Pages : 4                      181942/121942/031942  
Roll No. ....

**4th Sem / DMLT**

**Subject:- Haematology- IV/ Clinical Haema - IV**

Time : 3Hrs.

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 second                      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

(1) 181942/121942/031942

- 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) Lumbar 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

(2) 181942/121942/031942

### 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?
- Q.14 Expand BT.
- Q.15 What is a LE Cell?
- Q.16 Synovial fluid is 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 stages of Hemostasis.
- Q.22 Explain the clinical importance of bleeding time.
- 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.

(3) 181942/121942/031942

- Q.27 Give the microscopic examination of synovial fluid.
- Q.28 Write the Pearl's Prussian method for Iron staining.
- Q.29 What are the normal findings of pleural fluid.
- Q.30 Explain Ivy method in brief.
- Q.31 Give the Lab diagnosis of Chronic Myeloid Leukaemia.
- Q.32 Write a short note on Semen analysis?
- Q.33 Briefly discuss theory of blood coagulations.
- Q.34 Write about the abnormal morphology of Sperm.
- Q.35 Write the collection procedure 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 Describe a method of LE Cell preparation. How will you examine and report.
- Q.38 Explain Leukemia's and write a note on FAB classification

(1000)

(4) 181942/121942/031942