

No. of Printed Pages : 4  
Roll No. ....

221916

**1<sup>st</sup> Sem / DMLT , DMLT ( For Speech and Hearing Impaired)**  
**Subject : Introduction to Haematology**

Time : 3 Hrs. M.M. : 60

**SECTION-A**

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

**Q.1** Which is natural anticoagulant?

- a) EDTA
- b) Sodium citrate
- c) Heparin
- d) None of these

**Q.2** Formation of erythrocyte is known as?

- a) Thrombopoiesis
- b) Erythropoiesis
- c) Leukopoiesis
- d) None of these

**Q.3** Which anticoagulants used in Blood Banking?

- a) CPD
- b) ACD
- c) Both A&B
- d) None of these

**Q.4** Which one is the suitable site for venous puncture?

- a) Median Cubital Vein
- b) Finger Tip
- c) Both A&B
- d) None of these

(1)

221916

**Q.5** Which one of the following is not a Romanowsky stain.

- a) Leishman
- b) Giemsa
- c) Wright
- d) Supravital

**Q.6** RBC diluting fluid?

- a) Hayem's diluting fluid
- b) Crower's diluting fluid
- c) Both
- d) None

**SECTION-B**

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

**Q.7** Formation of WBC inside the human body is known as \_\_\_\_\_.

**Q.8** Define Anticoagulant.

**Q.9** Needle size of \_\_\_\_\_ for adults and \_\_\_\_\_ for children is used for blood collection.

**Q.10** The recommended location for blood collection to for a new born baby is \_\_\_\_\_.

**Q.11** Define Haematology.

**Q.12** Blood is a \_\_\_\_\_ tissue.

(2)

221916

## **SECTION-C**

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

- Q.13 Describe procedure capillary puncture site.
- Q.14 Describe Vacutainer system in brief.
- Q.15 Write the materials&Equipments required for vein puncture.
- Q.16 Write the procedure of preparation of thin blood film.
- Q.17 Describe Giemsa stain in brief
- Q.18 Describe EDTA with merits and demerits.
- Q.19 Write a short note on composition of blood.
- Q.20 Difference between RBC & WBC Pipette.
- Q.21 Describe qualities of a good blood film.
- Q.22 Discuss about Hb pipette

## **SECTION-D**

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

- Q.23 Describe development stages of Erythropoiesis in detail.
- Q.24 Explain Requirement, Preparation and procedure for vein blood collection.
- Q.25 What are Romanowsky stains. Discuss Leishman stain in detail.