

# HLS-Histology

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Archive

Lecture 2

Hematopoiesis II

1) Site of formation of RBCs in 20 years old healthy male is?

- a. Flat bone.
- b. Center of Long bone.
- c. Liver.
- d. Yolk sac.
- e. Yellow bone marrow

Answer : a

2) During granulopoiesis, the appearance of the specific granules in the cytoplasm starts at the stage of?

- a. Myeloblast.
- b. Promyelocytes.
- c. Metamyelocytes.
- d. Myelocytes.
- e. Mature granulocytes

Answer : d

3) The peak of synthesis of the hemoglobin proteins occurs during the stage of the along the erythropoietic process?

- a. CFU-erythrocytes.
- b. Proerythroblast.
- c. Basophil erythroblast.
- d. Polychromatophil erythroblast.
- e. Normoblast

Answer : d

4)Erythropoeisis involves the following stages of maturation EXCEPT?

- a. Colony forming erythrocytes.
- b. Promyelocytes.
- c. Basophilic Erythroblast.
- d. Normoblasts.
- e. Reticulocytes.

Answer : b

5. Definition of endomitosis:

**nuclear division, cytoplasm remains intact**

6.Which cells contain only one type of cytoplasmic granule?

**Promyelocytes**

7- What are the proplatelet?

**cytoplasmic extensions that penetrate the sinusoidal endothelium**