

**B.Sc. IN MEDICAL LABORATORY TECHNOLOGY**

**Term-End Examination**

**June, 2017**

**BAHI-002 : BASIC HAEMATOLOGY**

*Time : 3 hours*

*Maximum Marks : 70*

*Note : Attempt any five questions. Q. No. 6 is compulsory.*

1. (a) Describe the preparation of blood smear.  
(b) Discuss the procedure of peripheral blood smear staining by leishman stain. **5+5=10**
  
2. List the screening tests done on a patient with bleeding syndrome. Describe the procedure of whole blood clotting time. **5+5=10**
  
3. (a) Explain the morphology of eosinophil. **4+6=10**  
(b) Describe the method of Absolute Eosinophil Count (AEC).
  
4. (a) Define Leukaemia. Write the classification of Leukaemia. **4+6=10**  
(b) Explain the peripheral blood picture of Acute Myeloid Leukaemia with diagram.
  
5. Define and classify Anaemia. Discuss in detail causes of Iron deficiency Anaemia. **5+5=10**

6. Write short notes on **any five** of the following :

**6x5=30**

- (a) Spherocyte
  - (b) Bleeding Time
  - (c) PCV
  - (d) EDTA
  - (e) RBC inclusions
  - (f) ESR
  - (g) Leucopoiesis
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