

**XW-103**

**D/ME-02012140**

**Second Year, M.B.B.S. (New) Examination  
January-2015**

**Pathology : Paper – I**

**Faculty Code : D/ME  
Subject Code : 02012140**

**Time : 3 Hours]**

**[Total Marks : 40**

- Instructions :** (1) Figures to right indicate full marks.  
(2) Draw labelled neat diagrams wherever needed.  
Write to the point.

**SECTION – I**

1. Write notes on any **three** out of **four** : **12**
- (a) Describe routes of spread of tumour with invasion-metastasis cascade.
  - (b) Define Apoptosis and write morphological changes occur in Apoptosis.
  - (c) Chemotaxis
  - (d) Define Autoimmunity. Describe its classification and mechanism.
2. Answer in brief any **four** out of **five** : **8**
- (a) Enumerate Pathological Giant Cells.
  - (b) Difference between Carcinoma and Sarcoma.
  - (c) Draw a labelled diagram of Tubercular Granuloma.
  - (d) Dystrophic Calcification. Definition and two examples.
  - (e) Enumerate and define Growth factors.

## SECTION – II

3. Writes notes on any **three** out of **four**. **12**
- (a) Define Oedema and Etiopathogenesis of Cardiac Oedema.
  - (b) Write Etiopathogenesis and laboratory diagnosis of Thalassemia.
  - (c) Coomb's Test
  - (d) Classification of Leukemia.
4. Answer in brief any **four** out of **five**. **8**
- (a) Causes of Eosinophilia.
  - (b) Names of Four Tumour Markers.
  - (c) Enumerate major and minor Blood Group System.
  - (d) Define and causes of Thrombocytopenia.
  - (e) Pretransfusion Tests.
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