



**PZ-M201718**

Seat No. \_\_\_\_\_

**Second Year M. B. B. S. Examination**

**July - 2020**

**Pathology : Paper - I**

Time : Hours]

[Total Marks : 40

- Instructions :**
- (1) Write answer of each section in separate answer book.
  - (2) Draw neat and clean diagram whenever necessary.
  - (3) Figure to the right indicates full marks.
  - (4) Write legibly and to the point.

**SECTION - I**

- 1** Write notes on : (Any 3 out of 4) **12**
  - (a) Define necrosis. Enumerate various types of necrosis and write morphological changes occur in coagulative necrosis.
  - (b) Vascular events of acute inflammation.
  - (c) Factors affecting wound healing
  - (d) Paraneoplastic syndrome
  
- 2** Answer in brief : (Any 4 out of 5) **8**
  - (a) Enumerate 4 pathological giant cells.
  - (b) Enumerate 4 stains for amyloid with it's staining characteristics.
  - (c) Enumerate 4 organ nonspecific (Systemic) autoimmune diseases.
  - (d) Enumerate 4 tumour markers with condition in which it increase.
  - (e) Draw & label the diagram of tuberculous granuloma.

## SECTION - II

- 3** Write notes on : (Any 3 out of 4) **12**
- (a) Define oedema and write on pathogenesis of cardiac oedema
  - (b) Indirect coombs' test
  - (c) Blood transfusion reaction
  - (d) Pathogenesis, Clinical features & Laboratory diagnosis of Sickle Cell Anemia
- 4** Answer in brief : (Any 4 out of 5) **8**
- (a) Blood components
  - (b) Prothrombin time
  - (c) Causes of Eosinophilia
  - (d) Red cell indices
  - (e) Define thrombocytopenia and Enumerate causes of thrombocytopenia.
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