



**BBC-M201718**

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

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

**July – 2021**

**Pathology : Paper - I**

Time : 2 Hours]

[Total Marks : 40

- Instructions :** (1) Figures on right indicate marks.  
(2) Draw diagrams wherever necessary.  
(3) Answer each section separately.

**Section - I**

- 1** Write notes on : (Any **Three** out of Four) **12**
- (a) Phagocytosis.
  - (b) Define Necrosis Describe types of Necrosis with their Morphological features.
  - (c) Define Metastasis. Discuss various routes of Metastasis
  - (d) Factors affecting wound healing.
- 2** Answer in brief : (Any **Four** out of Five) **8**
- (a) Enumerate four stains to demonstrate Amyloid with their staining characteristics.
  - (b) Define Granuloma. Give four examples of granulomatous Inflammation
  - (c) Enumerate four Biologic Carcinogens.
  - (d) Enumerate four endogenous Pigments.
  - (e) Apoptotic Bodies.

**Section - II**

- 3** Write notes on : (any **Three** out of Four) **12**
- (a) Etiopathogenesis of edema.
  - (b) Blood Indices
  - (c) Megaloblastic Anemia
  - (d) Nutmeg Liver.

- 4 Answer in brief : (Any **Four** out of Five) 8
- (a) Normal value of Blood Urea & S. Creatinine.
  - (b) Enumerate causes of Hypochromic Microcytic Anemia
  - (c) Draw a Neutrophil. Enumerate four pathological causes of Neutrophilia
  - (d) WHO criteria for selection of a blood donor
  - (e) Enumerate four important causes of increased ESR.
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