



JB-M201718 Seat No. _____
Second Year M.B.B.S. Examination
July - 2019
Pathology : Paper-I

Time : 2 Hours]

[Total Marks : 40

SECTION – I

- 1 Write notes on : (any **three**) **12**
1. Define Apoptosis. Describe molecular mechanisms of Apoptosis.
 2. Cellular events of acute inflammatory response.
 3. Discuss Pathology of Chronic Passive Congestion.
 4. Define neoplasia Discuss gross and microscopic characteristics which help in identification of tumor.
- 2 Write notes on : (any **four**) **8**
1. Name four haemoprotein derived pigments.
 2. Anaphylactic reactions.
 3. Draw four pathological giant cells.
 4. Important contrasting features of Kwashiorkor and Marasmus.
 5. Stem cells.

SECTION – II

- 3 Write notes on : (any **three**) **12**
1. Etiopathogenesis of HIV – AIDS.
 2. Blood indices.
 3. Define anemias. Classification of anemias. Write in brief laboratory diagnosis of Iron deficiency anemias.
 4. Myeloid neoplasms.
- 4 Answer in brief : (any **four**) **8**
1. Fixatives used in histopathology.
 2. Bombay Blood Group.
 3. Name four vacutttes used for collection of blood samples with its specific use.
 4. Enumerate four important causes of thrombocytopenias.
 5. Name parasites detected on Peripheral blood smears.