

Seat No.

March / April - 2019

BPTOC - 301 : Pathology

Time : 2 Hours]

[Total Marks : **40**

Instructions : (1) Answers should be brief and to the point.

(2) Illustrate answers with suitable diagrams

(3) Figures to the right indicate full marks.

- 1 Long Answer : (Any **One** out of Two) **1)(15=15**
- (a) Define Cell Injury. Describe in detail about causes of Reversible Cells injury and its mechanism with reference of cellular ATP.
- (b) Define Thrombosis. Describe in detail about Thrombogenesis with reference to Clotting Factors and discuss briefly about Fate of Thrombus.
- 2 Short Answers : (Any **Three** out of Four) **3x5=15**
- (a) Briefly describe Chemical Mediators of Acute Inflammation.
- (b) Etiology and Pathogenesis of H.I.V. (AIDS) virus.
- (c) Clinical features and Lab. Diagnosis of Iron Deficiency Anemia.
- (d) Discuss briefly- Characteristics of Benign and Malignant Neoplasms.
- 3 Very Short Answers : (Any **Five** out of Seven) **5x2=10**
- (a) C.S.F. picture in Pyogenic Meningitis.
- (b) Enumerate six different types of Necrosis.
- (c) Briefly outline different types of Polio-virus Vaccines.
- (d) Define Atherosclerosis with special emphasis on Aorta.
- (e) Stages in Healing of Bone Fracture.
- (f) Describe three differences between Type I and Type II Diabetes Mellitus.
- (g) Describe three Precancerous Lesions (Neoplasms).

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[430/9-16]