



BU-9045

Seat No. _____

M. D. (Branch - VI) Examination

March - 2021

Anaesthesiology : Paper - I

(Basic Science)

Time : 3 Hours]

[Total Marks : 100

- 1 Describe autonomic nervous system with labelled diagrams and factors determining autoregulation. **20**

- 2 Describe cerebral blood flow with diagram. **5**
Describe factors determining CPP and ICP. **5**
Describe management of raised ICP. **10**

- 3 Write notes on : (any 6) **60**
 - (a) Calculation of sample size. **5**
Chi square test and “t” test. **5**
 - (b) Pulmonary effects of oxygen toxicity.
 - (c) Stellate ganglion block.
 - (d) Prone position.
 - (e) Diagnosis of brain death.
 - (f) Anaesthesia vaporizers.
 - (g) Coagulation cascade.