



**J-9045**

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

**M. D. (Branch - VI) Examination**

**September / October - 2019**

**Anaesthesiology : Paper - I**

Time : **3** Hours]

[Total Marks : **100**

- |          |   |           |
|----------|---|-----------|
| <b>1</b> | Discuss following :   | <b>20</b> |
|          | (a) Classification of Mepleson's breathing circuit and different modification with diagram. | <b>10</b> |
|          | (b) Functional Analysis of JR circuit.  | <b>10</b> |
| <b>2</b> | Write on :  | <b>20</b> |
|          | (a) Anatomy of Brachial Plexus.   | <b>7</b>  |
|          | (b) Various techniques on Brachial Plexus Block.  | <b>5</b>  |
|          | (c) Indication, contraindication, complications and its treatment.                          | <b>8</b>  |
| <b>3</b> | Describe in detail :  | <b>20</b> |
|          | (a) Various Pulmonary function tests.   | <b>10</b> |
|          | (b) Its significance in Anaesthesia Practice.   | <b>10</b> |
| <b>4</b> | Notes on : (any <b>four</b> )   | <b>40</b> |
|          | (a) Pin Index   |           |
|          | (b) ASA Grading   |           |
|          | (c) Minimum Monitoring Standards  |           |
|          | (d) Bohr and Double Bohr effect   |           |
|          | (e) World Anaesthesia Day.  |           |