



DCO-9045

Seat No. _____

M. D. (Branch-6) Examination

July - 2022

Anaesthesiology : Paper-1

Time : 3 Hours]

[Total Marks : 100

Instructions : (1) Answer all questions.

(2) Draw diagrams wherever necessary.

(3) Marks are indicated on the right.

- 1** Discuss the anatomical difference between adult and infant airway. **20**
Classify and describe various types of vocal cord palsies and its management.
- 2** Describe the anatomy and physiology of neuromuscular junction. **20**
Factors effecting neuromuscular blockade and monitoring of neuromuscular blockade.
- 3** Describe various buffer systems of body for maintaining **20**
acid-base balance. Enumerate various types of acid-base imbalances and its management.
- 4** Write notes on : **40**
 - (a) Oxygen cascade
 - (b) Sir Robert Macintosh
 - (c) Bed side pulmonary function tests
 - (d) Induce hypotension.
