



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 juction. **20**
Factors effecting neuromuscular blockade and monitoring of neuromuscular blockade.

3 Describe various buffer systems of body for maintaining acid-base balance. Enumarate various types of acid-base imbalances and its management. **20**

4 Write notes on : **40**
(a) Oxygen cascade
(b) Sir Robert Macintosh
(c) Bed side pulmonary function tests
(d) Induce hypotension.
