



RAE-7263

Seat No. _____

Diploma in Anesthesiology Examination

March – 2019

Paper-I

**(Anatomy, Physiology, Pharmacology,
Basic Science)**

Time : **3 Hours]**

[Total Marks : **100**

- 1 Discuss the anatomical difference between adult and pediatric airways. Enumerate the physical indices for airway assessment. Give guideline for difficult airway management. **20**
- 2 Describe Anatomy and Physiology of neuromuscular junction. Discuss Pharmacology of it and enumerate factors affecting blockade. **20**
- 3 Define MAC (Minimal Alveolar Concentration) **20**
 - (a) Enumerate and discuss factors affecting MAC.
 - (b) Write various inhalation agents and their comparative properties.
- 4 Write short notes on any **four** : **40**
 - (a) Opioid receptors.
 - (b) Sir Robert Macintosh.
 - (c) Minimum monitoring standard
 - (d) TIVA (Total Intravenous Anesthesia)
 - (e) Consent in Anesthesia