

DIPLOMA IN ANAESTHESIOLOGY (DA) EXAMINATION

**APPLIED BASIC SCIENCES RELATED TO ANAESTHESIA,
HISTORY OF ANAESTHESIA AND PHYSICS IN ANAESTHESIA**

Q.P.Code: 343030

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the placental transfer of drugs and the anaesthetic implication.
2. What are the factors which determine the intracranial pressure?
Describe the methods of reducing increased intracranial pressure.

II. Write notes on:

(10 x 7 = 70)

1. Tracheal tug.
2. Respiratory Alkalosis.
3. Phase I and phase II reactions of drug metabolism.
4. Angiotensin Receptor Blockers.
5. Anatomy of Larynx.
6. Double Lumen Endotracheal tubes.
7. Oxygen content of Blood.
8. Anaesthetic implications of positioning under Anaesthesia.
9. Minimum Alveolar concentration.
10. Desflurane.
