

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. Definition and classification of Breathing circuits.
Describe in detail about circle system.
2. Describe the anatomy of internal jugular vein.
What is the normal central venous pressure in adults and pediatrics?
Describe the technique of right internal jugular vein cannulation.
Enumerate the indications and complications.

II. Write notes on:

(10 x 7 = 70)

1. H.E.G Boyle.
2. Bernoulli's principle.
3. Cisatracurium.
4. Double Bohr effect.
5. Hepatic blood flow.
6. Current American Society of Anaesthesiologist physical status classification.
7. Double lumen tubes.
8. Concentration effect.
9. Scoline apnoea.
10. Functional residual capacity.
