

ANAESTHESIA TECHNOLOGY

PAPER-I

HISTORY OF ANAESTHESIA, APPLIED ANATOMY, PHYSIOLOGY AND

PHARMACOLOGY RELATED TO ANAESTHESIA TECHNOLOGY

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark Color pencil.

Write an essay on any TWO of the following questions:

2 X 10 = 20

1. Explain in detail about raised intracranial pressure and methods of reduction.
2. Describe coronary blood supply, innervation and mention ECG changes in myocardial infarction.
3. Explain in detail about types of respiratory failure, clinical features, causes and management.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Cardio pulmonary Resuscitation.
5. Plasma volume expanders.
6. Pulmonary Hypertension.
7. Intravenous induction agents.
8. Cardiac output determinants.
9. Renal failure.

Write briefly on the following:

10 X 3 = 30

10. Inotropes.
11. Halothane.
12. Portal circulation.
13. Bronchodilators.
14. Bupivacaine.
15. Pre historic (ether) era.
16. ECG changes in Arrhythmias.
17. Diuretics.
18. Adrenaline.
19. Pneumothorax.
