

ANAESTHESIA TECHNOLOGY

PAPER-II

BASIC PRINCIPLES OF ANAESTHESIA

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

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 10 golden rules of Anaesthesia.
2. Anaesthesia work station-safety mechanisms.
3. Write the components of Boyles machine and mention its safety features.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Pre-Anaesthetic assessment.
5. ASA physical status classification.
6. Circle system.
7. Cardiac output monitoring.
8. Oxygen delivery devices.
9. Differences between Boyles machine and modern anaesthesia machine.

Write briefly on the following:

10 X 3 = 30

10. Endotracheal tubes.
11. Pulseoximetry.
12. AMBU bag.
13. Jackson Rees system.
14. Sodalime.
15. Tests for bleeding and coagulation disorders.
16. Flow meter assembly.
17. Echocardiography.
18. Any 3 precautions to prevent fire in OT.
19. Multipara monitor.
