

CRITICAL CARE TECHNOLOGY

PAPER-I

APPLIED ANATOMY & PHYSIOLOGY

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary.

Write an essay on any TWO of the following questions:

2 X 10 = 20

1. Explain the functions of Cranial Nerves, describe in detail about Vagus nerve.
2. Define Blood pressure. Explain in detail about the factors regulating Blood pressure?
3. Define Cyanosis. Explain the types of oxygen Administration and care of oxygen Administration?

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Synapses.
5. Coronary circulation.
6. Procedure of Endotracheal Tube.
7. Factors affecting Functions of kidney.
8. Broncho pneumonia.
9. Airway maintenance in Hospital.

Write briefly on the following:

10 X 3 = 30

10. Pulse pressure.
11. Circle of Willis.
12. T.B-chest x-ray findings.
13. Purpose and Position of Nasogastric Tubes.
14. Criteria for Extubation.
15. Define Analgesia.
16. Explain of causes of Brain Death.
17. Heart layers and valves.
18. ECG.
19. X-ray – Film Quality.
