

RESPIRATORY THERAPY TECHNOLOGY

PAPER-II

**CLINICAL BIOCHEMISTRY, MEDICAL TERMINOLOGY, RESPIRATORY CARE
EQUIPMENT**

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. Define Urea cycle and describe its steps in detail.
2. Define Auto – PEEP, Mechanism and rectification of Auto PEEP in detail.
3. Normal Values in an ABG and write in detail about basics of ABG interpretation.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Oxygen concentrators.
5. Cardio pulmonary Resuscitation.
6. Chest Physiotherapy and postural Drainage Exercises.
7. Ultrasonic Jet Nebulizer.
8. Elective Tracheostomy.
9. Emergency Intubation.

Write briefly on the following:

10 X 3 = 30

10. Definition of ARDS.
11. Types of Intravenous Catheters.
12. Essential Amino acids.
13. Chloride shift.
14. Incentive spirometry.
15. Anion Gap.
16. Bipap Mode.
17. Nasal canula.
18. Ketone Bodies.
19. Suction Apparatus.