



**Respiratory Technology – Clinical- Paper-I (RS-3)**  
**Q.P. CODE: 3361**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**LONG ESSAYS (Second Question Choice)**

**2 x 10 = 20 Marks**

1. Write in detail on central venous pressure procedure, waveforms and complications
2. Write a note on types, pathophysiology of septic, cardiogenic shock

**OR**

Discuss the polysomnogram channels and its significance

**SHORT ESSAYS (Question No 5 & 10 choice)**

**10 x 5 = 50 Marks**

3. Write a note on nutritional assessment status in chronic respiratory patients
4. Write in detail on resistance exercise training
5. Discuss the role of pulmonary rehabilitation in patients with pulmonary hypertension

**OR**

Write in detail on GI bleed

6. Write a note on percardiocentesis
7. Write a note on extracorporeal CPR
8. Arterial line insertion – indication, procedures, sites and complication
9. Write a note on skeletal muscle relaxants
10. Write a note on vap bundle
11. Write a note on acute and chronic respiratory acidosis
12. Write a note on post cardiac arrest care

**SHORT ANSWER**

**10 x 3 = 30 Marks**

13. Pulmonary rehabilitation definition
14. Rationale for pulmonary rehabilitation
15. Inspiratory muscle trainer – (IMT)
16. Eclampsia
17. Apnea-hypopnea index
18. Mention any three antipsychotics
19. Types of bronchoscopy and its parts
20. Six-minute walk test
21. Oxygen cascade
22. Determinants of oxygen balance