

**Third Year BPT Degree Supplementary Examinations June 2024****Cardio-Respiratory Disorders and Surgery  
(2016 Scheme)****Time: 3 Hours****Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays:** **(2x15=30)**

1. Define bronchial asthma. Discuss about etiology, clinical features, complications and management.
2. Discuss in detail about the etiology, pathogenesis, clinical features, complications, investigations and medical management of Tetralogy of Fallot.

**Short notes** **(4x10=40)**

3. Surgical treatment for Atrial Septal Defect.
4. Discuss in detail about the management of Adult Respiratory Distress Syndrome (ARDS) and list their complications.
5. Define pneumothorax. Discuss types, clinical features and management.
6. Types of thoracic surgeries and Complications of thoracotomy.

**Answer briefly:** **(10x3=30)**

7. Ectopic Atrial Rhythm
8. Schamroth test
9. Troponin test
10. Brady cardia
11. Diaphragmatic Hernia
12. ECMO
13. Cardiomyopathy types
14. Pleurodesis
15. Drugs to treat breathlessness
16. Cardiac output and stroke volume

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