

**Third Year BPT Degree Supplementary Examinations
November 2021**

**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. List out common respiratory conditions in paediatrics. Add a note on its causes, clinical features, complications, diagnosis and management.
2. Define hypertension. Mention the classification, causes, investigations and management of hypertension.

Short notes

(4x10=40)

3. Explain cardiopulmonary resuscitation in detail. Add a note on Airway care.
4. Describe positive pressure ventilator and its mode in detail. Add a note on weaning criteria.
5. List out occupational lung diseases. Add a note on clinical features, diagnosis and management.
6. Describe cardio-pulmonary bypass machine and its indications in detail. Add a note on normal ECG pattern.

Answer briefly:

(10x3=30)

7. Name any four thoracic surgeries with its site of Incision.
8. Describe types of anaesthesia.
9. Intercostal drainage.
10. Bronchogenic carcinoma and its management.
11. Cardiac tamponade.
12. Bruce protocol.
13. Tracheotomy
14. Grades of clubbing.
15. Name any three drugs to reduce pulmonary hypertension and breathlessness.
16. Pulmonary function test.
