

Third Year BPT Degree Regular/Supplementary Examinations
February 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. Discuss in detail the etiology, clinical features, investigations and management of Emphysema.
2. Explain congenital heart disease and write about the management of mitral stenosis

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

3. Describe the post-operative pulmonary complications.
4. Write about the components of arterial blood gas analysis
5. Discuss the clinical features and management of bronchiectasis.
6. List the conditions requiring open heart surgery and closed heart surgery

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

7. Pigeon chest
8. Stroke volume
9. Status asthmaticus
10. Modifiable risk factors for myocardial infarction
11. Respiratory paralysis
12. Pace maker
13. Indications for tracheal intubation.
14. Tachycardia
15. Upper respiratory tract infections.
16. Valves of the heart