

**QP CODE: 323014**

**Reg. No.....**

**Third Year BPT Degree Supplementary Examinations March  
(November), 2020**

**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 obstructive and restrictive lung disorders. Explain in detail about the differences between obstructive and restrictive patterns in relation with definition, clinical features, pulmonary function test values
2. Define mechanical ventilation. Add a note on different modes of ventilator, indications and weaning criteria

**Short notes**

**(4x10=40)**

3. Define respiratory failure. Add a note on types of respiratory failure and its management.
4. Explain acyanotic congenital heart disease in detail
5. Define pneumonectomy. Add a note on indications, contraindications, types of incision and its management
6. Explain indications, complications of arterial blood gas analysis with its interpretations

**Answer briefly:**

**(10x3=30)**

7. Explain normal ECG pattern with diagram
8. Difference between myocardial infarction and myocardial ischemia
9. Cor pulmonale
10. Blue bloaters and pink puffers
11. Name any three drugs to treat bronchospasm and inflammation.
12. Drug delivery devices.
13. Degrees of burns
14. Cardio pulmonary resuscitation.
15. Pneumothorax and its types
16. Exercise stress testing.

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