

[LC 6261]

FEBRUARY 2013

Sub. Code: 6261

**THIRD YEAR BPT EXAM / SEVENTH SEMESTER**  
**PAPER III – CLINICAL CARDIO RESPIRATORY DISEASES**  
**Q.P. Code: 746261**

**Time: Three Hours**  
**(180 Min)**

**Maximum: 100 marks****I. Elaborate on:****(2X20=40)**

1. What is community acquired pneumonia? Discuss in detail about the etiology, pathogenesis, diagnosis and medical management of severe community acquired pneumonia. Explain the role of physiotherapist in improving the outcome in patients having pneumonia requiring ventilatory assistance.
2. What is angina pectoris? Explain in detail the risk factors, etiology, clinical features, investigation medical and surgical management of a patient with unstable angina.

**II. Write notes on:****(8X5=40)**

1. Pre and post operative physiotherapy plan for pneumonectomy.
2. Cor-pulmonale: causes, clinical features and diagnosis.
3. Broncho pulmonary segments.
4. Exercise testing: Indications and physiological principles.
5. Cardio pulmonary resuscitation.
6. Atrial Septal Defect (ASD).
7. Directly Observed Therapy Short course (DOTS).
8. Regulation of blood pressure.

**III. Short Answers:****(10X2=20)**

1. Draw a normal ECG tracing and label the parts.
2. Name the staining technique used to identify tuberculous bacilli.
3. Name four cyanotic congenital heart diseases.
4. Define chronic bronchitis.
5. Draw the conduction system of the heart and label the parts.
6. Define tidal volume.
7. What is flail chest?
8. Mention two occupational lung diseases with the causative factor.
9. Define cardiac output.
10. How do we treat empyema?

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