

August 2011

[KZ 6261]

Sub. Code : 6261

**BACHELOR OF PHYSIOTHERAPY EXAMINATION**

**THIRD YEAR / SEVENTH SEMESTER**

**PAPER III – CLINICAL CARDIO RESPIRATORY DISEASES**

*Q.P. Code : 746261*

**Time : Three hours**

**Maximum : 100 marks**

**ANSWER ALL QUESTIONS**

**I. LONG ESSAYS**

**(2X20=40)**

1. Briefly describe the blood supply of the heart. Explain in detail the etiology, clinical features, diagnosis, medical and surgical management of myocardial infarction.
2. Define chronic bronchitis and emphysema. Explain in detail the etiology, clinical features, diagnosis, investigations and medical management of chronic obstructive pulmonary disease.

**II. SHORT NOTES**

**(8X5=40)**

1. Empyema.
2. Basic life support.
3. Broncho pulmonary segment.
4. Cardiac cycle.
5. Pulmonary tuberculosis: Etiology, diagnosis and management.
6. Major and minor Jones criteria of rheumatic fever.
7. Flail chest: Diagnosis and management.
8. Regulation of blood pressure.

**III. SHORT ANSWERS**

**(10X2=20)**

1. Define vital capacity. What is the normal value for 70 kg adult?
2. Components of Tetralogy of Fallot.
3. Draw a normal E.C.G and label the parts.
4. Define bronchiectasis.
5. Name the four common cell types of lung cancer.
6. Define cyanosis.
7. Name four causes of cor-pulmonale.
8. Name an inspiratory and an expiratory muscle of respiration.
9. Name the four valves of the heart.
10. Name two conditions associated with polycythemia.

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