

[LH 6169]

AUGUST 2015

Sub.Code: 6169

**FOURTH YEAR BOT EXAMINATION  
PAPER V – CLINICAL CARDIO RESPIRATORY AND WORK  
PHYSIOLOGY**

*Q.P. Code: 786169*

**Time: Three hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe the pulmonary function tests. Describe briefly the clinical features and management of Bronchial Asthma.
2. List the conditions requiring open heart surgery. Briefly describe the types, clinical features and management of Atrial Septal Defect(ASD).

**II. Write notes on:**

**(8 x 5 = 40)**

1. Prosthetic heart valves
2. Coronary circulation
3. Coal workers lung
4. Atelectasis
5. Chronical bronchitis
6. Major and minor Jones criteria for Rheumatic fever
7. Bronchopulmonary segments
8. Basic life support

**III. Short answers on:**

**(10 x 2 = 20)**

1. ECG changes in Myocardial Infarction
2. Physiological dead space
3. Pulse pressure
4. Muscles of expiration
5. Suppurative lung diseases
6. List four acyanotic congenital heart diseases
7. Paradoxical breathing
8. Cardiac output
9. Metabolic Equivalent (MET)
10. Four clinical features of Mitral Stenosis

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