

[LB 6169]

AUGUST 2012

Sub. Code: 6169

FOURTH YEAR / SEVENTH SEMESTER BOT EXAM

**Paper – V CLINICAL CARDIO RESPIRATORY
AND WORK PHYSIOLOGY**

Q.P. Code: 786169

Time: Three Hours

Maximum: 100 marks

(180 Min) Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|--|----|----|----|
| 1. Discuss in detail about the Etiology, Pathogenesis, Clinical features, Investigation and Management of Mitral Stenosis. | 19 | 33 | 20 |
| 2. Define Cardiac Output. Discuss in detail about the factors affecting Cardiac Output. Add a note on effect of exercises on cardio vascular system. | 19 | 33 | 20 |

II. Write Notes on:

- | | | | |
|---|---|---|---|
| 1. Lung defense Mechanism. | 3 | 8 | 5 |
| 2. Hazards of Smoking. | 3 | 8 | 5 |
| 3. Pleural effusion. | 3 | 8 | 5 |
| 4. Constrictive Pericarditis. | 3 | 8 | 5 |
| 5. Coronary Artery Bypass Grafting(CABG). | 3 | 8 | 5 |
| 6. Post – thoracotomy Complications. | 3 | 8 | 5 |
| 7. Pulmonary Embolism. | 3 | 8 | 5 |
| 8. Ventricular Septal Defect(VSD). | 3 | 8 | 5 |

III. Short Answers on:

- | | | | |
|--|---|---|---|
| 1. Surfactant. | 1 | 5 | 2 |
| 2. Pink Buffer and Blue bloater. | 1 | 5 | 2 |
| 3. Patent Ductus Arteriosus. | 1 | 5 | 2 |
| 4. Cor – pulmonale. | 1 | 5 | 2 |
| 5. Whispering pectoriloquy. | 1 | 5 | 2 |
| 6. Nebulizer. | 1 | 5 | 2 |
| 7. Clubbing. | 1 | 5 | 2 |
| 8. Vital Capacity. | 1 | 5 | 2 |
| 9. Positive End Expiratory Pressure(PEEP). | 1 | 5 | 2 |
| 10. Tracheostomy. | 1 | 5 | 2 |

[LC 6169]

FEBRUARY 2013

Sub. Code: 6169

FOURTH YEAR / SEVENTH SEMESTER - BOT EXAM

Paper – V CLINICAL CARDIO RESPIRATORY
AND WORK PHYSIOLOGY

Q.P. Code: 786169

Time: Three Hours
(180 Min)

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Define Blood Pressure. Discuss about the various factors that maintains the Blood Pressure. Add a note on effect of exercise on patient with Hypertension.
2. Enumerate the difference between obstructive and Restrictive Lung Disorder. Discuss in detail about pulmonary function test and its clinical uses.

II. Write Notes on:

(8X5=40)

1. Aortic Stenosis.
2. Fallot Tetralogy.
3. Etiology of Bronchogenic Carcinoma.
4. Coronary Circulation.
5. Coal Worker Pneumoconiosis.
6. Infective Endocarditis.
7. Atelectasis.
8. Cardiac Massage.

III. Short Answers on:

(10X2=20)

1. Electrocardiogram(ECG).
2. Residual Volume.
3. Prinz metal's angina.
4. Postural Drainage.
5. Tension Pneumothorax.
6. Metabolic Equivalent (MET).
7. Echo Cardio Gram.
8. Defibrillator.
9. Aspergillosis.
10. Lung Compliance.

[LD 6169]

AUGUST 2013

Sub. Code : 6169

**FOURTH YEAR/SEVENTH SEMESTER BOT EXAM
CLINICAL CARDIO RESPIRATORY AND WORK PHYSIOLOGY**

Q.P. Code: 786169

Time: Three hours

Maximum : 100 marks

I. Elaborate on: (2x20 = 40)

1. Enumerate the causes of Empyema and its treatment
2. Describe the principles of Cardio-Pulmonary resuscitation.

II. Write Notes on: (8x5 = 40)

1. Electrocardiogram(ECG).
2. Kyphoscoliosis.
3. Flail Chest.
4. Medullary Respiratory Centre.
5. Coronary Artery Disease.
6. Fracture Ribs.
7. Open Heart Surgery.
8. Carcinoma Lung.

III. Short Answers on: (10x2 = 20)

1. Stove in chest.
2. Pigeon chest.
3. Coarctation of Aorta.
4. Pulse Oxymetry.
5. Broncho-Pleural Fistula.
6. Posterolateral Thoracotomy.
7. Post extubation care.
8. Surfactant.
9. Atrial Septal Defect.
10. Mitral Regurgitation.
