

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
FOURTH YEAR
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. Discuss the indications, maintenance, complications and weaning methods of Mechanical Ventilator therapy. Compare the normal and ventilating breathing.
2. Define the term 'Myocardial Infarction'. What are the risk factors for the development of myocardial infarction? Describe the clinical features, management and complications of myocardial infarction.

II. Write notes on:

(8 x 5 = 40)

1. Normal ECG wave pattern.
2. Cough reflex.
3. Respiratory Centers.
4. Tracheostomy.
5. Postural drainage.
6. Bicycle Ergometer.
7. Renal blood flow.
8. Pulmonary embolism.

III. Short answers on:

(10 x 2 = 20)

1. Cyanosis.
2. Hemoptysis.
3. Tetralogy of Fallot's.
4. Paradoxical breathing.
5. Shaking.
6. Pan acinar emphysema.
7. Orthopnea.
8. Pyothorax.
9. Type I respiratory failure.
10. Barrel chest.
