

[LK 6169]

FEBRUARY 2017

Sub.Code: 6169

**BOT DEGREE EXAMINATION
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 in detail about the pathophysiology, clinical features, investigation and management of Acute Myocardial Infarction.
2. Define Post Operative Pulmonary complication. How does Pulmonary functions change post operatively? What are the techniques to improve secretion clearance from lower respiratory tract?

II. Write notes on:

(8 x 5 = 40)

1. Constrictive Pericarditis.
2. Aortic Stenosis.
3. Medullary respiratory centre.
4. Bronchopneumonia.
5. Arterial blood gas analysis.
6. Median Sternotomy.
7. Directly Observed Therapy Short course (DOTS).
8. Regulation of blood pressure.

III. Short answers on:

(10 x 2 = 20)

1. Stove in chest.
2. Pyothorax.
3. Residual volume.
4. Clinical findings in Coarctation of aorta.
5. Metabolic Equivalent (MET).
6. Defibrillator.
7. Broncho-Pleural Fistula.
8. Indications for tracheal intubations.
9. Causes of haemothorax.
10. Dead space.
