

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. Define Blood pressure. What is the normal range of blood pressure? How do we measure it? How is blood pressure regulated by the body?
2. What is Ischaemic heart disease? What are the symptoms and signs of this disease? Enlist the investigations can be used in diagnosis? What are the common modes of management?

II. Write notes on:

(8 x 5 = 40)

1. Bucket handle and pump handle movement of ribs.
2. Arterial blood gas analysis.
3. Pulmonary tuberculosis.
4. Atrial septal defect.
5. Renal and coronary blood flow during exercise.
6. Ventilation-perfusion ratio.
7. Anterior thoracotomy.
8. Empyema.

III. Short answers on:

(10 x 2 = 20)

1. P wave in ECG.
2. Scoliosis.
3. Palpitations.
4. Post extubation care of a patient.
5. Cardiac stress testing.
6. Diagnosis of bronchopneumonia.
7. Hemothorax.
8. Syncope.
9. Management of COPD.
10. Principles of CPR.
