

B.Sc. RESPIRATORY THERAPY
(New Syllabus 2014 - 2015)

THIRD YEAR

PAPER III – LIFE SUPPORT SYSTEM

Q.P. Code: 802618

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Thoracic trauma – primary survey ATLS perspective.
2. Acute coronary syndrome – pathophysiology, clinical features, diagnosis and management.
3. Bradycardia and tachycardia algorithm.

II. Write notes on:

(8 x 5 = 40)

1. Pericardiocentesis.
2. High quality CPR.
3. Defibrillation.
4. Pacing : types, indication and contraindication.
5. Streptokinase.
6. Pelvis fracture.
7. Withdrawal.
8. Cricothyrotomy.

III. Short answers on:

(10 x 3 = 30)

1. Cardiac tamponade.
2. Pericardial thump.
3. Dobutamine.
4. ICD.
5. BLS – cardiac arrest algorithm.
6. Manual inline stabilization.
7. Mapleson D circuit.
8. Allen's test.
9. Verapamil.
10. Cushings triad.
