

**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. Ethical aspects of CPR.
2. Shock assessment and management – ATLS perspective.
3. Congestive heart failure.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Compartment syndrome.
2. Central cord syndrome.
3. Cardioversion.
4. Criteria for termination and resuscitative efforts.
5. E-FAST.
6. Atrial fibrillation.
7. Lidocaine.
8. Contraindication to thrombolysis.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Damage control resuscitation.
2. E-CPR.
3. Wenckebach's phenomenon.
4. Base of skull fracture.
5. Pericardiocentesis.
6. Tension pneumothorax.
7. Sodium bicarbonate.
8. Amiodarone.
9. Ventricular tachycardia.
10. Respiratory arrest algorithm.

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