

**B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY
THIRD YEAR**

PAPER I – EMERGENCY MEDICINE (EM) AND EMS - II

Q.P. Code: 801021

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Define shock. Mention about types of shock. How will you grade hypovolemic shock. Management of hypovolemic shock.
2. Mention 3 special situations in resuscitation. Write about the changes in resuscitation of a pregnant women.
3. Define hospital acquired infections. Write a note on 5 moments hand hygiene. Write a note bio-medical waste disposal.

II. Write notes on:

(8 x 5 = 40)

1. Write above the steps of endotracheal intubation.
2. Mention the life threatening chest traumas and management of any one.
3. How will you transport injured victim.
4. Write a note on ATLS.
5. Mention the causes and types of disaster. Write a note on disaster preparedness.
6. Write a note on management of femur fracture.
7. Expand: AMBU draw and mention the parts of AMBU. Write about the technique of bag valve mask ventilation.
8. Write note on revised trauma score.

III. Short answers on:

(10 x 3 = 30)

1. Mention three supraglottic airways.
2. Draw a normal PQRST of an ECG and mention the significance.
3. Mention the areas scanned in E-FAST.
4. Mention the components of GCS.
5. What is log roll? Indication, contraindication and precaution.
6. Amiodarone dose and usage in ED.
7. Mention of the ratio of crystalloid: Blood loss / colloid: Blood loss / Blood products: Blood Loss.
8. Mention the various color coding in IV cannula and its infusion rate.
9. Steps of epistaxis management.
10. Write about manual inline stabilization.
