

B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY
(New Syllabus 2014-2015)

FIRST YEAR

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

Q.P. Code : 801007

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Define :
 - a) Triage.
 - b) Describe disaster triage in detail.
 - c) Categorize patient coming to your emergency department according to their sickness into three triage categories.
2. What are the objectives of the basic life support? Draw and explain the adult cardiac arrest algorithm.
3. An ambulance emergency technician reaches a site of Road Traffic Accident.
 - a) Mention the immediate measures he should take at the site.
 - b) What is scene safety and mention five methods used for scene safety.
 - c) What instrument are used to immobilize and transport a trauma victim and draw in detail any one of them?

II. Write Notes on:

(8 x 5 = 40)

1. List 5 medico legal issues encountered in emergency department. Mention the important information needed to report medico legal incident.
2. What are components of airway assessment?
3. Signs and symptoms of an injured joint.
4. Describe Heimlich in an adult.
5. What is verbal consent? Name 5 emergency department procedures for which verbal consent is indicated.
6. Describe the following wound in medical terminology. A 5x5x1 cm open wound with irregular margin in right side of chest below the collar bone adjacent to axilla from above downwards.
7. What is a chief complaint? Write 5 common chief complaints in patients presenting to emergency department.
8. What are vital signs? Write 4 vital signs with their normal values and mention terminology for the abnormal values.

III. Short answers on:

(10 x 3 = 30)

1. Mention different types of splints used in Emergency department.
2. What is medical negligence?
3. Draw and label the components of bag mask valve device.
4. What is field triage in a disaster?
5. Mention safety precautions when transporting an unconscious patient.
6. Medical insurance and its relevant to emergencies.
7. Heimlich maneuver on a 1 year old choking child.
8. Classification of wounds .
9. What are airway adjuncts? Mention any 3 of them.
10. What are differences between infant and child two rescuer cardio pulmonary resuscitation?
