

[LB 0212]

AUGUST 2012

Sub. Code: 1003

**DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY
FIRST YEAR**

PAPER III – EMERGENCY MEDICINE (EM) & EMS

Q.P. Code : 841003

Time : Three hours

Maximum : 100 marks

(180 Mins) Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|---|---|----|----|
| 1. Principles of life support for unconscious patient. | 7 | 20 | 10 |
| 2. The hospital transport importance. | 7 | 20 | 10 |
| 3. Enumerate the role and Emergency for OPC poison patient. | 7 | 20 | 10 |

II. Write Notes on:

- | | | | |
|---|---|---|---|
| 1. AR entry and its significance. | 4 | 9 | 5 |
| 2. Ryle's tube. | 4 | 9 | 5 |
| 3. Endotracheal Intubation. | 4 | 9 | 5 |
| 4. Management of RTA patient. | 4 | 9 | 5 |
| 5. Transport of spine injury patient. | 4 | 9 | 5 |
| 6. Sudden airway obstruction management. | 4 | 9 | 5 |
| 7. Significance of past History of unconscious patient. | 4 | 9 | 5 |
| 8. Importance of consent form. | 4 | 9 | 5 |
| 9. Disaster management. | 4 | 9 | 5 |
| 10. Pre hospital transport of burns patient. | 4 | 9 | 5 |

III. Short Answers on:

- | | | | |
|-----------------------------|---|---|---|
| 1. Significance of Airway. | 1 | 3 | 2 |
| 2. What is CBD? | 1 | 3 | 2 |
| 3. What is Atropine chart? | 1 | 3 | 2 |
| 4. What is C.T. importance? | 1 | 3 | 2 |
| 5. What is MRI imaging? | 1 | 3 | 2 |
| 6. What is cervical collar? | 1 | 3 | 2 |
| 7. What is tracheostomy? | 1 | 3 | 2 |
| 8. What is Asthma? | 1 | 3 | 2 |
| 9. SMV mode in ventilator? | 1 | 3 | 2 |
| 10. AMBU BAG. | 1 | 3 | 2 |

[LC 0212]

FEBRUARY 2013

Sub. Code: 1003

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

FIRST YEAR

PAPER III – EMERGENCY MEDICINE (EM) & EMS

Q.P. Code : 841003

Time: Three hours

Maximum: 100 marks

Answer ALL questions.

I. Elaborate on:

(3X10= 30)

1. Describe the Protocol to be adopted by a paramedic when emergency medical service is activated.
2. Describe in detail the Basic life support algorithm in adults along with its principles .
3. Detail on the body mechanics of lifting moving human body in emergency situations.

II. Write Notes on:

(10X5=50)

1. Confidentiality
2. Personal protective equipment
3. Immediate first aid in drowning
4. Inter hospital transfer
5. 'Do not resuscitate' order
6. Colour coded triage system
7. Glasgow coma scale
8. AED
9. Drugs used in cardiac arrest
10. Ambulance transport

III. Short Answers on:

(10X2=20)

1. Informed Consent
2. Assault
3. Mass casualty
4. Thomas splint
5. Negligence
6. Medical ethics
7. Ambu bag
8. Define disaster
9. Paramedic's accountability
10. LMA

[LD 0212]

AUGUST 2013

Sub. Code: 1003

**DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY
FIRST YEAR
PAPER III – EMERGENCY MEDICINE (EM) & EMS**

Q.P. Code : 841003

Time : Three hours

Maximum : 100 marks

Answer All questions.

I. Elaborate on :

(3x10 = 30)

1. Basic Life Support (BLS) Algorithm & when to withdraw Cardio Pulmonary Resuscitation (CPR)
2. Discuss patient right, including autonomy, end of life decisions, moral and ethical implication of Do Not Resuscitate (DNR) orders
3. Describe the legal and ethical accountability of paramedics

II. Write Notes on :

(10 x 5 = 50)

1. Role of Automated External defibrillators outside the hospital
2. Primary roles and responsibilities of paramedics
3. Importance of emergency medicine as separate specialty
4. Sequence of spinal immobilization.
5. Steps of Stomach wash & its importance
6. What is code blue & its importance
7. Discuss on lifting and moving patients
8. Describe basic preparation of pediatric patient for transport
9. Maneuver involved in foreign body obstruction
10. Uses of stomach wash on poison victim

III. Short Answers on:

(10 x 2 = 20)

1. Name the cardiac arrest rhythms
2. Consent
3. Confidentiality
4. Helmet removal technique
5. Air medical transport
6. Prehospital traction Splint
7. Personal protective equipments
8. Laryngeal Mask Airway (LMA) and its uses.
9. Glasgow coma scale (GCS)
10. Assault
