

[LJ 0816]

AUGUST 2016

Sub. Code: 1054

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

(New Syllabus 2015-2016)

FIRST YEAR

PAPER IV – EMERGENCY MEDICINE (EM) AND EMS

Q.P. Code : 841054

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Basic Life Support (BLS) Algorithm.
2. Prehospital care and transport of trauma patient.
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. Training in emergency medicine.
4. Moving of spinal injury patient.
5. Helmet removal technique.
6. Laryngeal Mask Airway (LMA) and its uses.
7. Discuss on lifting and moving patients.
8. Describe basic preparation of paediatric patient for transport.
9. Heimlich maneuver.
10. Uses of stomach wash on poison victim.

III. Short Answers on:

(10 x 2 = 20)

1. Name the shockable rhythm.
2. Consent.
3. Confidentiality.
4. Steps of Stomach wash and its importance.
5. Air medical transport.
6. Pre-hospital traction Splint.
7. Define triage.
8. What is code blue?
9. Glasgow coma scale (GCS).
10. Assault.

[LK 0217]

FEBRUARY 2017

Sub. Code: 1054

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

(New Syllabus 2015-2016)

FIRST YEAR

PAPER IV – EMERGENCY MEDICINE (EM) AND EMS

Q.P. Code : 841054

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Principals of life support.
2. Primary and Secondary survey.
3. Personal protective equipments.

II. Write Notes on:

(10 x 5 = 50)

1. Legal issues.
2. BLS algorithm.
3. Medical records.
4. Ambulance communication system.
5. Scene size up.
6. History of EMS.
7. Triage and its importance.
8. Glasgow coma scale.
9. Documentation.
10. Roles and responsibilities of Paramedics.

III. Short Answers on:

(10 x 2 = 20)

1. Name some Medico legal cases.
2. Name the non shockable rhythm.
3. Log roll.
4. Splinting.
5. Dispatching.
6. What is DNR?
7. Existing EMS in India.
8. Sphygmomanometer.
9. Define SAMPLE history.
10. Auscultation.

[LL 0817]

AUGUST 2017

Sub. Code: 1054

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

(New Syllabus 2015-2016)

FIRST YEAR

PAPER IV – EMERGENCY MEDICINE (EM) AND EMS

Q.P. Code : 841054

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Roles and responsibilities of paramedics.
2. History of Emergency Medicine Services (EMS).
3. Legal issues.

II. Write Notes on:

(10 x 5 = 50)

1. Responding to calls-communication and dispatching.
2. Documentation.
3. History taking in patient.
4. Principals of life support.
5. Transport of spine injury patient.
6. Disaster management.
7. Triage and its importance.
8. DNR.
9. ACLS algorithm.
10. Moving of Pediatric Trauma patient.

III. Short Answers on:

(10 x 2 = 20)

1. Glasgow coma scale.
2. BLS algorithm.
3. Personal protective equipment.
4. Name the supportive departments in hospital.
5. Doorway to hospital.
6. Mass casualty.
7. Scene size up.
8. MLC.
9. Auscultation.
10. Ambulance communication system.

[LM 0218]

FEBRUARY 2018

Sub. Code: 1054

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

(New Syllabus 2015-2016)

FIRST YEAR

PAPER IV – EMERGENCY MEDICINE (EM) AND EMS

Q.P. Code : 841054

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Define Anaphylaxis. Enumerate the causes of anaphylaxis. Discuss the clinical features and management of anaphylaxis.
2. How will you monitor the critically ill patients in Intensive care unit?
3. Discuss the different types of Disasters and the management.

II. Write Notes on:

(10 x 5 = 50)

1. Medical Records.
2. Diabetic ketoacidosis.
3. Clinical applications of Magnetic Resonance Imaging.
4. Complications of Blood transfusion.
5. Hepatic encephalopathy.
6. Acute ischaemic stroke.
7. Postpartum haemorrhage.
8. Glasgow Coma Scale.
9. Haemodialysis.
10. Mechanical asphyxia.

III. Short Answers on:

(10 x 2 = 20)

1. Conversion disorder.
2. Foreign body airway obstruction.
3. Amiodarone.
4. Lepra reaction.
5. Marasmus.
6. Compartment syndrome.
7. Scorpion sting.
8. Hypothermia.
9. Urethral catheterization.
10. Cold chain equipment in Universal immunisation programme.

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY
(New Syllabus 2015-2016)

FIRST YEAR

PAPER IV – EMERGENCY MEDICINE (EM) AND EMS

Q.P. Code : 841054

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Define Dyspnoea. What are the causes of acute dyspnoea? Discuss the investigations and management of acute dyspnoea.
2. Define Coma. Enumerate the causes of coma. Discuss the investigations and management of coma.
3. Discuss the job responsibilities of Paramedical staff in Health team.

II. Write Notes on:

(10 x 5 = 50)

1. Confidentiality.
2. Gestational diabetes mellitus.
3. Applications of Computed tomography.
4. Haemorrhagic stroke.
5. Health Insurance.
6. Complications of acute myocardial infarction.
7. Electrical injuries.
8. Corrosive poisoning.
9. Head injury.
10. Haemoptysis.

III. Short Answers on:

(10 x 2 = 20)

1. Alcohol withdrawal state.
2. Deep venous thrombosis.
3. Intercostal tube drainage.
4. Dietary guidelines for obese patients.
5. Adrenaline.
6. Hyperkalaemia.
7. Pressure sores.
8. Indications of Ryle's tube feeding.
9. Burns.
10. Cervical Collar.

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY
(New Syllabus 2015-2016)

FIRST YEAR

PAPER III – EMERGENCY MEDICINE (EM) AND EMS

Q.P. Code: 841054

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail the Basic Life Support algorithm in adults.
2. Describe in detail about pre hospital care and transport of trauma patients.
3. Describe in detail roles and responsibilities of emergency medical technician.

II. Write Notes on:

(10 x 5 = 50)

1. CODE BLUE.
2. Heimlich maneuver.
3. Management of burns patient.
4. Mention five poisonous snakes in India.
5. Ryles tube.
6. Spinal immobilization.
7. Pulse oximeter.
8. Write in detail about Bag valve mask ventilation.
9. Anti hypertensive drugs.
10. Laryngeal mask airway and its uses.

III. Short Answers on:

(10 x 2 = 20)

1. Name two cardiac arrest rhythm.
2. Clinical signs of brain death.
3. Log roll.
4. What is atropine chart?
5. Define Myocardial Infarction.
6. Consent.
7. Sphygmomanometer.
8. Splinting.
9. Name two drugs used in advanced cardiac life support.
10. Types of stroke.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

MARCH 2021

Sub. Code: 1054

(AUGUST 2020 EXAM SESSION)

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

FIRST YEAR (Regulations 2015-2016 & 2018-2019)

PAPER IV – EMERGENCY MEDICINE (EM) AND EMS

Q.P. Code : 841054

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail about advanced cardiac life support.
2. Write in detail about roles and responsibilities of emergency medical technicians.
3. Describe components required for EMS system.

II. Write Notes on:

(10 x 5 = 50)

1. Spinal immobilization.
2. Sudden airway obstruction management.
3. Automated External Defibrillator (AED).
4. How to record blood pressure?
5. Snake bite.
6. Sudden cardiac death.
7. Mass casualty.
8. 'Do Not Resuscitate' order.
9. Drugs used in cardiac arrest.
10. Personal protective equipments.

III. Short Answers on:

(10 x 2 = 20)

1. Laryngoscope.
2. Name two shockable rhythms.
3. Continuous Bladder Drainage.
4. What is tracheostomy?
5. Clinical signs of brain death.
6. Two contraindications for stomach wash.
7. Splinting.
8. Automated External Defibrillator (AED).
9. Define disaster.
10. Types of stroke.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0122]

JANUARY 2022

Sub. Code: 1054

(FEBRUARY 2021 & AUGUST 2021 EXAM SESSION)

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

FIRST YEAR (Regulations 2015-2016 & 2018-2019)

PAPER IV – EMERGENCY MEDICINE (EM) AND EMS

Q.P. Code : 841054

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define haematemesis. What are the causes of Haematemesis? Discuss the investigations and management of Haematemesis.
2. Define cardiac arrest. Discuss the causes and management of cardiac arrest.
3. Define Biomedical waste. Describe the Biomedical waste management.

II. Write Notes on:

(10 x 5 = 50)

1. Informed consent.
2. Hypoglycemia.
3. Acute Abdomen.
4. Status epilepticus.
5. Acute kidney injury.
6. Myxedema coma.
7. Referral system.
8. Acute severe Asthma.
9. Ultrasound in Medicine.
10. Road Traffic Accidents.

III. Short Answers on:

(10 x 2 = 20)

1. Delirium.
2. Emergency care of fractures.
3. Kwashiorkor.
4. Poisonous snake bite.
5. Heat stroke.
6. Examination of Pulse.
7. Suction Machine.
8. Tracheostomy.
9. Palliative care in Intensive care unit.
10. Dopamine.
