

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

(New Syllabus 2014-2015)

SECOND YEAR

**PAPER III – EMERGENCY MEDICINE (EM) & EMS PRACTICAL EXAM
ON PATIENT EXAMINATION, NURSING, TRIAGE, LIFE SUPPORT,
TRAUMA CARE**

Q.P. Code: 841043

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Define Anaphylaxis. Elaborate on management.
2. Pediatric life support.
3. Advanced cardiac life support.

II. Write notes on:

(10 x 5 = 50)

1. Hypovolemic shock.
2. Documentation.
3. Hypoglycemia.
4. Oxygen delivery devices.
5. Defibrillator.
6. DNR.
7. Prehospital management of fracture patients.
8. Draw and label ECG, Name some diseases diagnosed with ECG.
9. Hospital waste management.
10. Drugs used in Allergic reaction.

III. Short answers on:

(10 x 2 = 20)

1. Salbutamol.
2. GCS.
3. Glucometer.
4. Ringer lactate.
5. Name some sexually transmitted diseases.
6. Blood transfusion reaction.
7. Write the normal vital signs.
8. Scene size up.
9. PPE.
10. Name the type of shock.

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

(New Syllabus 2014-2015)

SECOND YEAR

**PAPER III – EMERGENCY MEDICINE (EM) & EMS PRACTICAL EXAM
ON PATIENT EXAMINATION, NURSING, TRIAGE, LIFE SUPPORT,
TRAUMA CARE**

Q.P. Code: 841043

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. ACLS protocol.
2. Managing trauma victim from road side to hospital.
3. Define triage. Write in detail about triage during disaster.

II. Write notes on:

(10 x 5 = 50)

1. Responding to calls-communication and dispatching.
2. Primary survey.
3. BLS algorithm.
4. Haemorrhagic shock.
5. Transport of spine injury patient.
6. What is AIDS? How to prevent it?
7. Triage and its importance.
8. Personal protective equipment.
9. Anaphylaxis.
10. Hypoglycaemia management.

III. Short answers on:

(10 x 2 = 20)

1. Heimlich manoeuvre.
2. Log roll.
3. Prehospital Burns management.
4. Consent.
5. Glasgow coma scale.
6. Hepatitis B vaccination schedule.
7. Radiation hazards.
8. Name some communicable diseases.
9. Cervical collar indications.
10. What is CT?

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

**PAPER III – EMERGENCY MEDICINE (EM) & EMS PRACTICAL EXAM ON
PATIENT EXAMINATION, NURSING, TRIAGE, LIFE SUPPORT,
TRAUMA CARE**

Q.P. Code: 841043

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Define Triage. Write in details about Triage during disasters.
2. Tachycardia algorithm.
3. Define shock. Classification and its management of hemorrhagic shock.

II. Write notes on:

(10 x 5 = 50)

1. Define hypoglycemia and its management.
2. ACLS cardiac arrest algorithm.
3. Glasgow coma scale.
4. Defibrillator.
5. Hospital waste management.
6. Name some IVF and its components.
7. Anaphylaxis and its management.
8. Transport of spine injury patient.
9. Secondary survey.
10. Personal protective equipment.

III. Short answers on:

(10 x 2 = 20)

1. DNR.
2. Log Roll.
3. Heimlich maneuver.
4. Consent.
5. Hepatitis B vaccination.
6. Expand CT and MRI.
7. IV Cannula size and colour.
8. Name some communicable diseases.
9. Radiation Hazards.
10. Blood transfusion reactions.

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

**PAPER III – EMERGENCY MEDICINE (EM) & EMS PRACTICAL EXAM ON
PATIENT EXAMINATION, NURSING, TRIAGE, LIFE SUPPORT,
TRAUMA CARE**

Q.P. Code: 841043

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Classify shock. Describe management of hypovolemic shock.
2. What is fracture? How will you transport and manage a patient with long bone fracture?
3. BLS audit algorithm.

II. Write notes on:

(10 x 5 = 50)

1. Glasgow coma scale.
2. IVF and its component.
3. Crash cart.
4. Bladder catheterization.
5. Hyperglycemic hyperosmolar state.
6. Oxygen delivery devices.
7. Draw a normal ECG and label its waves. Name some disease diagnosed with ECG.
8. Approach to unknown poisoning.
9. Vital signs and its normal values.
10. Drugs used in allergic reactions.

III. Short answers on:

(10 x 2 = 20)

1. Atropine.
2. Expand NIV and NIBP.
3. IV cannula size and color.
4. AMBU bag and its parts.
5. Consent.
6. Log roll.
7. Do not resuscitation order?
8. Triage colour coding.
9. Drugs used in cardiac arrest.
10. Automated external defibrillator.

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

**PAPER III – EMERGENCY MEDICINE (EM) & EMS PRACTICAL EXAM ON
PATIENT EXAMINATION, NURSING, TRIAGE, LIFE SUPPORT,
TRAUMA CARE**

Q.P. Code: 841043

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Basic life support – audit algorithm.
2. Triage and color coding.
3. Hospital waste management.

II. Write notes on:

(10 x 5 = 50)

1. Primary survey.
2. Basic life support – pediatric algorithm.
3. Glasgow coma scale.
4. IVF and its compound.
5. Focused Assessment with Sonography for Trauma (FAST).
6. Urinary catheterization.
7. Crash cart.
8. Advance cardiac life support-cardiac arrest algorithm.
9. Reversible causes of cardiac arrest.
10. Types of shock and hemorrhagic shock management.

III. Short answers on:

(10 x 2 = 20)

1. IV cannula size and color.
2. Name the sterilization types.
3. Mass casualty and multiple casualties.
4. Log roll.
5. Pelvic binder.
6. Antidotes for organophosphorus compound poisoning, paracetamol overdose.
7. Complications of blood transfusion.
8. Loading dose in acute coronary syndrome.
9. Automated external defibrillator.
10. Hypoglycemia management.

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

SECOND YEAR

**PAPER III – EMERGENCY MEDICINE (EM) & EMS PRACTICAL EXAM
ON PATIENT EXAMINATION, NURSING, TRIAGE, LIFE SUPPORT,
TRAUMA CARE**

Q.P. Code: 841043

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Medico legal issues.
2. Personal protective equipment.
3. Pre-hospital care and transport of trauma patient.

II. Write notes on:

(10 x 5 = 50)

1. Glasgow coma scale.
2. Basic life support - adult.
3. Reversible causes of Cardiac arrest.
4. Crash cart.
5. Foley's catheterization.
6. Vital signs and normal values.
7. Mention about oxygen devices.
8. Types of ambulance.
9. Roles and responsibilities of EMT.
10. Drugs used in Allergic reaction.

III. Short answers on:

(10 x 2 = 20)

1. Log roll.
2. Venflon size and colour.
3. Management of Hypoglycemia.
4. Areas of auscultation.
5. Documentation in transport.
6. Consent.
7. Heimlich maneuver.
8. Name some emergency drugs.
9. Ambu bag and its parts.
10. Dispatching.

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

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)**

Sub. Code: 1043

**DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY
SECOND YEAR – (Regulations from 2014-2015, 2015-2016 & 2018-2019)
PAPER III – EMERGENCY MEDICINE (EM) & EMS PRACTICAL EXAM ON PATIENT
EXAMINATIONS, NURSING, TRIAGE, LIFE SUPPORT, TRAUMA CARE
Q.P. Code: 841043**

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Basic Life Support - Adult.
2. Transportation of Injured Patient.
3. Roles and responsibilities of EMT.

II. Write notes on:

(10 x 5 = 50)

1. Mention Oxygen delivery system.
2. Glasgow Coma score.
3. Triage Colour Coding.
4. Mention Ten Medico Legal cases.
5. Foley's Catherization.
6. Hospital Waste management.
7. Types of Ambulance.
8. Medical Records.
9. Discuss on Lifting and Moving patients.
10. Helmat Removal Technique.

III. Short answers on:

(10 x 2 = 20)

1. Air Medical Transport.
2. What is Code Blue?
3. Pre-hospital Traction Splint.
4. DNR – Do not Resuscitate order.
5. Assault.
6. Heimlich Maneuver.
7. Venflon size and colour.
8. Confidentiality.
9. Name some Shockable Rhythms.
10. Consent.
