

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

SECOND YEAR

PAPER III – EMERGENCY MEDICINE (EM) & EMS

Q.P. Code : 841013

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. Describe in detail regarding resuscitation of a 35 yr old patient in cardiac arrest starting from pre hospital level.
3. What is a fracture? How will you transport & manage a Pt with long bone fracture.

II. Write notes on:

(10 x 5 = 50)

1. Flail chest – mechanism of injury & management.
2. Defibrillation.
3. How will you measure blood pressure?
4. Glasgow coma scale.
5. Draw an ECG & label its parts. Write any three common conditions diagnosed by ECG findings.
6. Ringer lactate.
7. Write in detail about Post resuscitation care in adults.
8. What are the methods to confirm Endotracheal intubation?
9. Different types of hospital waste, their segregation & their safe disposal.
10. Cross infection in hospital.

III. Short Answers on:

(10 x 2 = 20)

1. Draw & label an Ambu bag.
2. Atropine.
3. Types of shock.
4. Crash cart.
5. Define disinfection.
6. Personal protective equipment.
7. Different types of hypersensitivity.
8. Hypoglycemia.
9. Multiple casualty.
10. Munroe kellie doctrine.

[LF 0212]

AUGUST 2014

Sub. Code: 1013

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Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Shock – Definition, Types and management.
2. Basic life support algorithm with detailed explanations.
3. Define sterilisation and disinfection and write in detail about autoclave.

II. Write notes on:

(10 x 5 = 50)

1. Adrenaline.
2. Focused Abdominal Sonogram in Trauma.
3. Hanging.
4. Personal protective equipment.
5. Glasgow Coma Score.
6. Urinary catheterization.
7. Hospital acquired infections.
8. Oxygen.
9. Crash cart.
10. Emergencies in Diabetes mellitus.

III. Short Answers on:

(10 x 2 = 20)

1. Name four OHA's of different classes.
2. Name four causes of haematuria.
3. Name four causes of acute respiratory distress.
4. Types and uses of defibrillator.
5. Intake/ Output chart.
6. Ambulance Service.
7. Four risk factors for stroke.
8. Foreign body obstruction manoeuvre.
9. Cervical collar.
10. Screening for blood transfusion.

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Q.P. Code : 841013

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Write about the roles and responsibilities of a paramedic.
2. Describe the airway of an adult and write in detail about rapid sequence intubation.
3. List the modifiable and non modifiable risk factors for heart disease and write in detail about prudent living and lifestyle modifications.

II. Write notes on:

(10 x 5 = 50)

1. Steroids used in Emergency services.
2. Approach to a patient with chest pain.
3. IV Access.
4. Types of hypersensitivity reaction and management of anaphylaxis.
5. Treatment of a dyspnoeic patient.
6. Proper mechanisms for lifting and moving patients in emergency situations.
7. Nasogastric intubation.
8. Colour coded triage classification in disaster management.
9. Advantages and disadvantages of crystalloids and colloids.
10. Importance and indications for patient confidentiality.

III. Short Answers on:

(10 x 2 = 20)

1. Name four causes of seizures.
2. Pupillary changes in different poisons.
3. Name four causes of haematuria.
4. Name four complications of blood transfusions.
5. Uses of ultrasound in emergency medicine.
6. Amiodarone.
7. Criteria for air medical transport.
8. Four symptoms and signs of eclampsia.
9. Name the antidotes to OP poisoning, Benzodiazepines, barbiturates and paracetamol overdose.
10. Pelvic binder.

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY

SECOND YEAR

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

Q.P. Code: 841013

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Acute circulatory Failure.
a) Definition. b) Clinical Manifestations. c) Diagnostic Evaluation. d) General Management.
2. Write in detail about Advanced Cardiac Life Support? Draw the Algorithm in Advanced Cardiac Life Support.
3. Write in detail about types of Cardio version. Mention the steps of Cardio version.

II. Write notes on:

(10 x 5 = 50)

1. Tension Pneumothorax – Definition, Pathophysiology Clinical features and Management.
2. OPC Poisoning – Definition, Pathophysiology Clinical features and Management.
3. Draw and label parts Laryngeal Mask Airway.
4. Write in detail about ECG (Electrocardiogram).
5. Draw and Label parts of Endo Tracheal Tube.
6. List the four major types of Diabetes Mellitus.
7. What is Kussmaul Respiration?
8. What are the phases of Syphilis and some important points regarding each phase?
a) Write in detail about Splinting. b) Types of Splints.
9. Write in detail about Post resuscitation care in adults.
10. What are the methods to confirm Endotracheal intubation?

III. Short Answers on:

(10 x 2 = 20)

1. Define: What is Log roll? Mention the Procedure, Indications, Contraindications and Precautions.
2. Mention the drugs used in MI (Myocardial Infarction).
3. Ventricular Fibrillation.
4. What are the treatment for PEA (Pulseless electrical Activity) / Ventricular Fibrillation?
5. What is a “Boxer’s” fracture?
6. List some important causes of Airway Obstruction.
7. What is the Sellick’s maneuver?
8. List common causes of Anaphylactic Reactions.
9. What are signs and symptoms of Nasal Fractures?
10. Write four antidotes and their uses?

[LI 0216]

FEBRUARY 2016

Sub. Code: 1013

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SECOND YEAR

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

Q.P. Code : 841013

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. START TRIAGE Algorithm.
2. Advanced cardiac life support.
3. TB.

II. Write Notes on:

(10 x 5 = 50)

1. Glasgow coma scale.
2. Triage priorities.
3. Incident command system.
4. BLS.
5. 5'H and 5'T.
6. Mass casualty incident.
7. BLS for pregnant victim.
8. Hypovolemic shock.
9. Transmission of communicable disease.
10. Personal protective equipment.

III. Short Answers on:

(10 x 2 = 20)

1. Incident command structure.
2. Immunization for health care provider.
3. Vaccine series for HEPATITIS B.
4. Name the primary survey.
5. AIDS.
6. Hepatitis B vaccine.
7. SARS.
8. Name the sterilization type.
9. Colour code for hospital waste material.
10. Name the type of shock.
