

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM.
(Deemed to be University)**

**M. Sc (TRAUMA CARE MANAGEMENT) DEGREE
EXAMINATION – August 2019
Second Year**

EMERGENCY MEDICAL CARE

Time: Three hours

Maximum: 80 marks

(Answer all the Questions)

SECTION – A

I. Write essays of the following: (2 x 15 = 30)

1. Explain in detail about Monro-keille doctrine syndrome, clinical symptoms and management of Subarachnoid haemorrhage.
2. Describe in detail about Management of cardiac arrest in neonates, Infants and children.

SECTION – B

II. Write short notes of the following: (8 x 5 = 40)

1. Management of cardiac arrest victim
2. Add a brief note on procedure of endotracheal intubation
3. Indications and steps of defibrillation
4. Medications used in asthma patient
5. Add a note on types of angina and MONA therapy
6. Physiological changes during pregnancy
7. Clinical manifestations and antidote of opioid overdose
8. Explain about high altitude Pulmonary oedema

SECTION – C

III. Multiple choice questions: (10 x 1 = 10)

1. The drug of choice for benzodiazepine overdose is
 - A. Amiodarone
 - B. Calcium gluconate
 - C. Flumazenil
 - D. Magnesium sulphate

(p.t.o)

2. One of the following drug is used in nebulisation for asthma patient
 - A. Atropine
 - B. Racemic epinephrine
 - C. aspirin
 - D. Fentanyl

3. The name of fracture that occurs at the level of C2 cervical is termed as
 - A. Hangmans
 - B. Potts
 - C. Stellate
 - D. Anterior cord syndrome

4. The paradoxical chest movement is seen in one of the following condition
 - A. Pulmonary contusion
 - B. Flail chest
 - C. Pneumothorax
 - D. Cardiac injury

5. Tight bandage for a prolonged time may result in
 - A. Myositis ossificans
 - B. Nonunion
 - C. Bleeding
 - D. Compartment syndrome

6. The Initial step in primary survey is
 - A. Scene size up
 - B. airway
 - C. breathing
 - D. circulation

7. The treatment for sucking chest wound is
 - A. Needle thoracocentesis
 - B. Bulking dressing
 - C. Three way flap/flutter valve dressing
 - D. cricothyroidotomy

8. The preferred choice of fluid given for burns patient is
 - A. colloids
 - B. fresh frozen plasma
 - C. blood
 - D. crystalloids

9. Becks triad includes all of the following except
- A. Hypotension
 - B. bradycardia
 - C. Muffled heart sound
 - D. Jugular vein distension
10. Trauma victim has the following findings on primary survey difficulty breathing, rapid and weak pulse, distended neck veins, tracheal deviation, decreased breath sounds on the left and hyperresonance to percussion on the left the most likely injury is
- A. Tension pneumothorax
 - B. Cardiac tamponades
 - C. Flail chest
 - D. Massive hemothorax

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