

A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM

(AUTONOMOUS)

UG Degree Examination – Extra Credit I

I Semester – **November** – 2022

EC I – FIRST AID MANAGEMENT

Time: 3 hours

Maximum Marks: 100

Section A

(50X1.5=75Marks)

Multiple Choice

Choose the best answer

1. How should one can open an airway passage for an unconscious person?
a) Head tilt and chin lift b) Jaw thrust. c) Head tilt and jaw thrust. d) Lift the chin.
2. Which is the correct ratio of chest compressions to rescue breaths for use in CPR of an adult casualty?
a) 2 compressions : 30 rescue breaths. b) 5 compressions : 1 rescue breath.
c) 15 compressions : 2 rescue breaths d) 30 compressions : 2 rescue breaths.
3. The principle that should be followed during treatment of unconscious patient
a) Checking the air way, breathing and circulation
b) Assessing air way and checking appetite of the patient
c) Checking whether he/she is waving or not
d) Checking bleeding and attempt to stop bleeding only
4. What should be the first aid when treating an electrical burn?
a) Ensure that the casualty is still breathing.
b) Wash the burn with cold water.
c) Check for danger and ensure that contact with the electrical source is broken.
d) Check for level of response.
5. Which medical condition will develop from severe blood loss?
a) Shock. b) Hypo glycaemia. c) Anaphylaxis. d) Hypothermia.
6. The first step to control bleeding is
a) Tourniquet b) Pressure point c) Direct pressure d) Applying a dressing
7. What is the correct CPR ratio?
a) 30 breaths and 2 compressions b) 30 compressions and 30 breaths
c) 30 compressions and 2 breaths d) None of the above

8. Where should AED pads will be placed when treating an infant for pediatric cardiac arrest?
- Chest and back
 - Do not use an AED on an infant
 - Upper chest and mid abdomen
 - Wherever they fit
9. Once a bandage or a dressing has been applied, the first aider should check/monitor it every ___ minutes.
- 10
 - 15
 - 20
 - 30
10. Which precaution can reduce the risk of cross infection when providing first aid?
- Using a resuscitation mask or face shield
 - Being aware of blood and bodily fluids
 - Wearing disposable gloves
 - All the above
11. Match the following
- | | |
|--------------|------------------------------|
| 1. DRABC | A. Aim of First aid |
| 2. 3P's | B. Provision of initial care |
| 3. Priority | C. Casualty Assessment |
| 4. First Aid | D. Safety of First Aider |
- a. 1A,2C,3B,4D b. 1C,2A,3D,4B c. 1B,2A,3D,4C d. 1C,2B,3D,4A
12. Match the following
- | | |
|-----------------|------------------------------|
| 1. Scene Safety | A. Personal protective gear |
| 2. Hand washing | B. Assessing the surrounding |
| 3. Pocket mask | C. First Aid kit |
| 4. Eye wash | D. Prevent infection |
- a. 1B,2D,3A,4C b. 1B,2D,3A,4C c. 1B,2A,3D,4C d. 1C,2B,3D,4A
13. Match the following
- | Thermal Illness | Signs and Symptoms |
|------------------------|---------------------------|
| 1. Heat Stroke | A. Red bumps on skin |
| 2. Heat Exhaustion | B. Muscle spasms |
| 3. Heat Cramps | C. Fatigue |
| 4. Heat Rash | D. Confusion |
- a. 1A,2C,3B,4D b. 1B,2D,3A,4C c. 1B,2A,3D,4C d. 1D,2C,3B,4A
14. Match the following
- | | |
|-----------------------|--|
| 1. First degree burn | A. Steam |
| 2. Second degree burn | B. Superficial burn |
| 3. Third degree burn | C. Partial thickness burn |
| 4. Scalds | D. Reaches the fat underneath the skin |
- a. 1A,2C,3B,4D b. 1B,2C,3D,4C c. 1B,2A,3D,4C d. 1C,2B,3D,4A
15. Match the following
- | | |
|-------------------|------------------------------------|
| 1. Concussion | A. clotting and formation of bumps |
| 2. Contusion | B. Minor bleeding or swelling |
| 3. Skull fracture | C. lose balance |
| 4. Hematoma | D. Crack |
- a. 1A,2C,3B,4D b. 1B,2D,3A,4C c. 1B,2A,3D,4C d. 1C,2B,3D,4A

16. Match the following

- | | |
|---------------------------|------------------------|
| 1. Snake bite | A. Flush gently |
| 2. Bee sting | B. Pressure bandaging |
| 3. Atropine and magnesium | C. Apply cold pack |
| 4. Poisoned eye | D. Antidote for poison |
- a. 1A,2C,3B,4D b. 1B,2C,3D,4A c. 1B,2A,3D,4C d. 1C,2B,3D,4A

17. Match the following injuries with the appropriate first aid that can be given.

- | | |
|---------------------|---------------|
| 1. Immerse in water | A. Broken arm |
| 2. Arm sling | B. Deep Cut |
| 3. Apply Pressure | C. Poison |
| 4. Drink salt water | D. Burns |
- a. 1A,2C,3B,4D b. 1B,2D,3A,4C c. 1B,2A,3D,4C d. 1C,2B,3D,4A

18. Match the following

- | | |
|---------------------------|-----------------------|
| 1. AED | A. Mouth to Stoma |
| 2. Artificial respiration | B. Restore blood flow |
| 3. Compressions | C. Defibrillation |
| 4. Cardiac arrest | D. Unresponsive |
- a. 1C,2A,3B,4D b. 1B,2D,3A,4C c. 1B,2A,3D,4C d. 1C,2B,3D,4A

19. Match the following

- | | |
|--------------------------|-------------------------------|
| 1. Combine dressing | A. Minor wounds |
| 2. non adherent dressing | B. Wool and cellulose |
| 3. Improvised dressing | C. hold the dressing in place |
| 4. Roller bandages | D. Control bleeding |
- a. 1A,2C,3B,4D b. 1B,2D,3A,4C c. 1B,2A,3D,4C d. 1C,2B,3D,4A

20. Match the following

- | | |
|--------------------------|--|
| 1. Reef knot | A. Arm or finger injury |
| 2. Arm sling | B. Rib or collar bone fracture |
| 3. Elevation sling | C. for lower arm support and patient's comfort |
| 4. Collar and cuff sling | D. Triangular bandage |
- a. 1A,2C,3B,4D b. 1B,2D,3A,4C c. 1D,2B,3A,4C d. 1C,2B,3D,4A

True or False

21. Upon arriving at a potentially unsafe scene, one should request another ambulance
22. The purpose of first aid treatment is to sustain life
23. Heat exhaustion and heat stroke mean the same thing.
24. An unconscious patient who is not breathing normally is considered to be in cardiac arrest.
25. A minor eye irritation can be managed by using a gentle stream of water to flush the object out.
26. A cracked bone is called a strain.
27. When a person has a cardiac arrest, the faster that CPR begins, the better the chances of a victim's recovery.
28. Serious incidents involving children are to be documented and reported to the regulatory authority.
29. Dry bandage is done to stop the blood flow.
30. An arm sling is used to support an injured wrist.

Fill in the Blanks

31. Treatment and transport priorities at the scene of a mass-casualty incident should be determined after all the patients have been _____
32. When unconscious patient's head tilts forward the air way often will be obstructed by the _____
33. One of the first steps to treat heat exhaustion is to get the person to a _____
34. While giving first aid on the burn area _____ is best for cooling it
35. A stroke occurs when the blood supply is disrupted to the _____
36. Do not make patient _____ if the poison is kerosene and acid
37. Radiating and heavy pain in the chest may be a symptom of _____
38. The normal breathing rate per minute for an infant is _____
39. An efficient dressing should be _____ free
40. When securing a triangle bandage, always use a _____ knot

Answer in one word

41. What does ABC means in First Aid?
42. What is first aid?
43. What is a faint?
44. What is an injury caused by freezing of the skin and underlying tissues known as?
45. Expand RICER
46. F.A.S.T. is an easy way to remember the most common signs of stroke. What does FAST stand for?
47. How does an automatic external defibrillator (AED) help a person who is in cardiac arrest?
48. What is the life-threatening complication of altitude sickness caused by fluid retention in the brain is known as?
49. Name the sling used to control bleeding and minimize swelling in the forearm or hand.
50. It is a collection of supplies used to give immediate medical treatment, primarily to treat injuries and other mild or moderate medical conditions.

Section - B

(5X5 = 25 Marks)

Answer any **five** questions

1. Explain the principle and objectives of first aid.
2. Write about recovery positions and its positive impacts during emergency situation?
3. How does one act as a first aider in managing a casualty with bleeding injuries?
4. Write about CPR and its advantages.
5. Enumerate the components of a first aid kit.
6. Explain different types of thermal illness and first aid given for them.
7. Write a note on bites and stings. Explain the first aid given during snake bites.
8. Discuss briefly about types of dressing and bandages.

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