



# TECHNICAL UNIVERSITY OF MOMBASA

*Faculty of Applied and Health Sciences*

**DEPARTMENT OF MEDICAL SCIENCES**

CERTIFICATE IN MEDICAL LABORATORY SCIENCES  
(CMLS 13M)

**AML 1143 : FIRST AID**

**SPECIAL/SUPPLEMENTARY : EXAMINATIONS**

**SERIES: OCTOBER 2013**

**TIME: 2 HOURS**

## **INSTRUCTIONS:**

You should have the following for this examination

- *Answer booklet*

This paper consists of **TWO** sections.

Answer all questions in **Section A** and **B**.  $\frac{1}{2}$  marks deducted for any wrong answer in **Section A**.

*This paper consists of 8 PRINTED pages*  
**SECTION A (40MARKS)**

1. During resuscitation the first inpatient step is
  - a) Take patient to hospital
  - b) Stop bleeding
  - c) Check breathing
  - d) Clear Air way
  
2. Victim of deep animal bites should be seated down to
  - a) Stop more injuries
  - b) Wash their wound
  - c) Reduce shock
  - d) Wake them up
  
3. One of these is a step in treatment for fainting
  - a) Raise leg
  - b) Give water to drink
  - c) Turn over
  - d) Pour cold water on them
  
4. Partial thickness burns;
  - a) Reduces sensation
  - b) Damages the epidermis and blister
  - c) Causes contracture
  - d) Destroys nerves
  
5. One of the signs and symptoms for infection is
  - a) Discharge
  - b) Bruise
  - c) Cold skin
  - d) Poor circulation
  
6. Is one of the effects of venoni
  - a) Kills cells
  - b) Causes bleeding
  - c) Causes bruising
  - d) Destroy red blood cell
  
7. Give signs and symptom of swallow object
  - a) Abdominal pain
  - b) Headache
  - c) Fainting
  - d) Convulsion
  
8. \_\_\_\_\_ is one of the steps in opening air way
  - a) Check breathing for 10 seconds
  - b) Check breathing after sitting the patient down
  - c) Check breathing as you talk to patient

- d) Check breathing as patient narrates the history of sickness
9. One of the following is a sign of inhaled object
- Swollen stomach
  - Breathing very fast
  - Red lips and tongue
  - Choking noises
10. First aid is defined as
- Giving treatment
  - Giving water to the Sick
  - Balanced diet
  - Limited care before definite medical treatment is accessed
11. Below is one of the first aid for open fracture of the leg
- Wash the leg and put medicine
  - Lift the leg and dress
  - Use splint to immobilize and apply pressure to control bleeding
  - Remove foreign body and control bleeding
12. Give position required during resuscitation
- Lay victim on the stomach
  - Lay victim on the side
  - Lay victims on the back
  - Sit the victim up
13. Is effect of lack of oxygen
- Vital organs stop working
  - Victims stop eating
  - Victim stops breathing
  - None of the above
14. One of the following is one way of checking for breathing
- Place finger under chin
  - Tilt the head back
  - Feel the breath on
  - Check consciousness
15. In the event of the heart stopping to pump, the most effective first aid is
- Give 3 breaths
  - Open the airway
  - Apply defibrillation
  - Give medicine to start the heart
16. Tonyne falls back due to
- Tonyne is in the way of air
  - Romyne is heavy
  - Muscle relax during unconsciousness

- d) Mouth is closed during unconsciousness
17. Inadequate ventilation \_\_\_\_ is used to assist breathing
- Face mask
  - Mouth to mouth
  - Family
  - Nasal catheter
18. Describe medical emergency
- Long term illness
  - Inability to speak
  - Paralysis
  - Acute illness or injury
19. Oxygen is essential for
- Soft tissue function
  - Cellular metabolism
  - Eye site
  - Body energy
20. Reduced tissue oxygen availability is
- Apnoea
  - Asphyxia
  - Hypoxia
  - Anorescie
21. Among the following is the cause of shock
- Sudden bad news
  - Injuries
  - Sudden fall on blood pressure
  - Blocked blood vessels
22. Identify a cause of muscle spasms among the following
- Bee sting
  - Wasp sting
  - Deep animal bite
  - Mosquito bite
23. Obstruction snoring noises in the air way is a sign of
- Laryngeal obstruction
  - Blood obstruction
  - Vomit obstruction
  - Soft tissue obstruction
24. One of the 4 stages involved in chain of survival
- Evacuating injured patient
  - Taking injured to hospital
  - Early access

- d) Early drug administration
25. Those bleeding can be prevented by:-
- Application of ice pack daily
  - Frequent holding of the nose
  - Foods rich in iron
  - Use of vitamin C to strengthen the blood vessels
26. A faint is described as
- Falling down
  - Loosing strength
  - Sudden brief loss of consciousness
  - Not able to see
27. First treatment of burns is to
- Run cold water on the affected area
  - Break blisters
  - Seat patient up
  - Clear the airway
28. The following reaction is life threatening
- Death
  - Bruising
  - Blotchy skin
  - Deep scar
29. The role of cardio pulmonary Resuscitation is :-
- Putting O2 nite blood
  - Affect nervous system
  - Stop internal bleeding
  - Ensure safely
30. Is a sign of internal bleeding
- Discharge
  - Pain
  - Bleeding from body orifices
  - Blue skin
31. Infected wounds present with one of the following
- Swollen glands
  - Limping
  - Tissue damage
  - Reddening on site affected
32. The first step of resuscitation when tongue black the air is
- Lay patient on back
  - Lay patient o stomach
  - Tilting back heed and lifting chin

- d) Wolding tongue pulling out
33. One of the steps by first Aides when there is no breathing is to
- Hit patient to wake up
  - Give 2 effective rescue breaths
  - Reassure patient
  - Seat the victim up
34. Identify from the following which is one of the causes of airway obstruction in trauma
- Food
  - Particle in the environment
  - Oedema
  - Hypoxia
35. One of the ways to check response in one who appears unresponsive is
- Is to hit patient
  - To lift the pT up
  - To loudly ask if he is alright
  - Pore cold water on them
36. \_\_\_\_\_ is one of the procedures to help a choking person
- Place hand around the choking person
  - Lay patient down
  - Asked patient to vomit from behind
  - Reasure the patient
37. When is shock, one should be kept
- Cold all the time.
  - Heavily clothed
  - Given food
  - Make sure the person is worm
38. To treat convulsion, one of the following must be, must be ensured
- Give patient something to eat
  - Tie up the patient
  - Do not place anything between their teeth
  - Talk to the patient
39. Burns are caused by dry heat, while scald, are caused
- Fire
  - Electricity
  - Thermal
  - Wet heat like steam, or liquid
40. Head injuries is the cause of one of the condition below
- Bradychadea
  - Infections
  - Stomach pain

d) Diarrhoea

**SECTION B**

1. (a) Discuss treatment of minor wounds **(10marks)**  
(b) \_\_\_\_\_ is one of the sign and symptoms of internal bleeding is  
(c) Outline treatment of fainting **(5marks)**
2. (a) One of the steps in treatment bruises is **(4marks)**  
(b) Describe foreign body **(2marks)**  
(c) Explain treatment of foreign body in the ear **(4marks)**  
(d) Give FIVE signs and symptoms of foreign body in the ear **(5marks)**  
(e) Outline signs and symptoms of life three ling **(5marks)**
3. (a) Discuss FOUR effects of animal bite **(8marks)**  
(b) Highlight signs and symptoms of infection **(6marks)**  
(c) Highlight FIVE steps in treatment of infected wounds **(5marks)**