

**BACHELOR OF PHYSIOTHERAPY
FOURTH SEMESTER
FIRST AID & EMERGENCY
BPT – 405**

**SET
B**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

Time: 30 min.

(Objective)

Marks: 20

Choose the correct answer from the following:

1×20=20

- Which of the following stretcher is used to lift casualties in an upright position like through a manhole?
 - Scoop stretcher
 - Neil Robertson Stretcher
 - Paraguard stretcher
 - Both a and b
- An epinephrine auto-injector is used to treat:
 - Mild allergic reaction
 - Chest pain
 - Severe allergic reaction(anaphylaxis)
 - Low testosterone
- Which of the following checks of the casualty is given the first priority?
 - Pulse and circulation
 - Airway and Breathing
 - Bleeding
 - Unconsciousness
- During the 'Protected meal time", all the activities in the ward should stop except :
 - Ward round by professor
 - Bed-making
 - Collection of blood samples
 - Emergency surgery
- If you suspect a head or neck injury:
 - Support the head and neck in the position found
 - Move the head until the neck is straight
 - Always place in the recovery position
 - Have the victim sit up
- Phase of disaster in which a person remains worried about his life, wife and his children is called:
 - Impact period
 - Threat period
 - Inventory period
 - Rescue period
- What is the recommended compression-to - breath ratio for CPR in adults?
 - 5 compressions to 1 breath
 - 15 compressions to 2 breaths
 - 30 compressions to 2 breaths
 - 30 compressions to 5 breaths
- How do you recognize the signs of a heart attack?
 - Chest pain or discomfort, shortness of breath, nausea
 - Dizziness, rapid heartbeat, sweating
 - Pale skin, weakness, confusion
 - Severe headache, slurred speech, numbness in one side of the body

9. According to the "Rule of Nines", the face area is :
- | | |
|--------|--------------|
| a. 9% | b. 9+9% |
| c. 18% | d. 9+9+9=27% |
10. Which of the following category of casualty is sorted as highest priority in the process of Triage ?
- | | |
|-----------------------|-------------------|
| a. Multiple fractures | b. Cardiac arrest |
| c. Moderate bleeding | d. Severe burn |
11. Which of the following category of casualty is sorted as highest priority in the process of triage?
- | | |
|-----------------------|-------------------|
| a. Moderate bleeding | b. Cardiac arrest |
| c. Multiple fractures | d. Severe burns |
12. "Dry bite" is when there is :
- | | |
|--------------------|--------------------|
| a. No envenomation | b. Envenomation |
| c. Intoxication | d. Neurotoxication |
13. Sterilisation is a method of :
- | | |
|--------------------------------|-----------------------------------------|
| a. Cutting the Fallopian tubes | b. Destroying insects |
| c. Killing worms | d. Destroying microorganisms and spores |
14. While giving first aid on the burn area is best for cooling it.
- | | |
|--------------|----------------------|
| a. Tap water | b. Ointment |
| c. Ice water | d. None of the above |
15. How should you open the airway of an unconscious casualty?
- | | |
|-----------------------------|------------------|
| a. Head tilt and chin lift | b. Jaw thrust |
| c. Head tilt and Jaw thrust | d. Lift the chin |
16. Name the substance in the list that can be used to treat wasp stings.
- | | |
|----------------------|------------------------|
| a. Water | b. Bicarbonate of soda |
| c. Hydrogen peroxide | d. Vinegar |
17. If a stroke is suspected you need to do the F.A, S.T test. What do these letters stand for?
- | | |
|----------------------------------|------------------------------|
| a. Face, Abdominal, Speech, Time | b. Faint, Arms, Speech, Time |
| c. Face, Arms, Speech, Teeth | d. Face, Arms, Speech, Time |
18. What do you do if someone suddenly begins to bleed severely?
- | | |
|------------------------------------|--------------------------------|
| a. Tell them to lick out the blood | b. Apply pressure to the wound |
| c. Scream and run | d. Remove foreign object |

19. After someone has fainted what position should they be in to aid recovery?
- a. Lay flat
 - b. Lay down with legs raised
 - c. Sit in chair
 - d. Stand upright
20. What should you do if someone is experiencing a seizure?
- a. Place a spoon in their mouth to prevent them from biting their tongue
 - b. Clear the area around them of any objects that could cause injury
 - c. Pour water over their face to wake them up
 - d. Hold them down to prevent movement during the seizure

(Descriptive)

Time : 2 hrs. 30 min.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. Discuss the management of : 5+5=10
 - a. Drowning
 - b. Poisoning.

2. Discuss the different methods of giving nourishment. 10

3. Write down the first aid in road traffic accident. Explain the procedure of CPR. 5+5=10

4. Define body mechanics. Explain the purposes and principles of body mechanics. 2+4+4
=10

5. Briefly discuss the indications of four different positions used in nursing care. 10

6. Describe the process of triage in rescue operations. 10

7. Describe the general principles of First Aid. 10

8. Write short notes on: *(Any two)* 5+5=10
 - a. Types of Slings
 - b. Factors affecting mobility and immobility
 - c. Types of hospital bed
 - d. Hospital food programme

= = *** = =