

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



[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

(Objective)

Time: 30 min.

Marks: 20

Choose the correct answer from the following:

1×20=20

1. A bandage is used to:
a. Control bleeding
b. Hold dressing or splint in position
c. Restrict movement of body part
d. All of the above
2. How many compressions and breaths should you do for each cycle of CPR?
a. 15 compressions, 2 breaths
b. 30 compressions, 5 breaths
c. 30 compressions, 2 breaths
d. 30 compressions, 15 breaths
3. What is the full form of DRAB in first aid?
a. Danger, Response, Airway and Breathing
b. Danger, React, Airway and Breathing
c. Drag, Response, Airway and Breathing
d. Drag, React, Attack and Breathing
4. 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, Time
d. Face, Arms, Speech, Teeth
5. What is the normal temperature?
a. 36-37 °C
b. 39 °C - 40°C
c. 67°C - 68°C
d. 98°C - 99°C
6. Enteral feeding is all except
a. Naso-gastric
b. Naso-duodenal
c. Intravenous
d. Naso- jejunal
7. What is the main purpose of the "Heimlich" procedure?
a. To remove a blockage in the victim's airway
b. To treat the absence of a victims breathing
c. To treat an insufficient breathing
d. None of the above
8. What is the period referred as golden hour in first aid?
a. First 15 minutes
b. First 30 minutes after incident
c. First 45 minutes of admission
d. First 60 minutes after treatment
9. A dressing is used to :
a. Control bleeding and absorb any discharge
b. Avoid further injury and assist in healing
c. Prevent infection
d. All of the above

10. A condition in which the lungs do not get sufficient supply of air for breathing is called
- a. Asphyxia
 - b. Hysteria
 - c. Drowning
 - d. Choking
11. Which of the following categories of casualties is sorted into second priority in the process of triage?
- a. Open abdominal wounds
 - b. Unconsciousness
 - c. Multiple fractures
 - d. Burns involving respiratory tract
12. A First Aid Provider should be able to act (Choose which is not correct)
- a. Quickly or promptly
 - b. Correctly
 - c. Calmly
 - d. Slowly
13. Soft or rigid supports used to immobilize the joints and broken bones are called
- a. Stretcher
 - b. Splints
 - c. Slings
 - d. All of the above
14. Changes that occur in musculoskeletal system due to immobility
- a. Decrease muscle endurance, strength and mass
 - b. Change in calcium metabolism with hyper calcium result in renal calculi
 - c. Alteration in calcium, fluid and electrolyte
 - d. None of the above
15. Example of rigid splint is
- a. Pillow
 - b. Card board
 - c. Rolled blanket
 - d. Traction
16. Which medical condition will develop from severe blood loss?
- a. Shock
 - b. Hypoglycemia
 - c. Anaphylaxis
 - d. Hypothermia
17. Oxidizing agent used to clean infected wounds and to remove dead tissues is
- a. Xylocaine jelly
 - b. Hydrogen peroxide
 - c. Spirit
 - d. Savlon
18. Triangular sling is used for
- a. Wrist only
 - b. Fracture of femur
 - c. Fracture of clavicle
 - d. All of the above
19. What should your first action be 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
20. Indication of Fowlers position is
- a. To relieve dyspnea
 - b. To improve circulation
 - c. To relieve tension on abdominal suture
 - d. All of the above

(Descriptive)

Time : 2 hrs. 30 min.

Marks : 50

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

1. Discuss the purposes of positioning and write down the indications of three positions used in nursing care. 3+7=10
2. Describe the various vital signs of patient assessment during emergency. 10
3. a. Briefly describe the one man lifting methods for lifting a casualty. 7+3=10
b. What is a dressing? Write down the characteristics of an efficient dressing.
4. Enlist the duties of an ambulance driver and the dispatcher during an emergency. 6+4=10
5. Write the principles, goals of first aid and explain the responsibilities of first aider? 6+4=10
6. Write detailed notes on any two of the following: 5+5=10
 - a. Methods of sterilization
 - b. Diabetic Emergencies
 - c. Procedure of CPR
7. Discuss common types of snake bite poisoning and its first aid and emergency treatment. 3+7=10
8. Write short notes: (Any 2) 5+5=10
 - a. Phases of Disaster
 - b. Asphyxia
 - c. Principles of Body Mechanics

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