

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

(USE SEPARATE ANSWER SCRIPTS FOR OBJECTIVE & DESCRIPTIVE)

Duration: 3 hrs.

Full Marks: 70

[PART-A: Objective]

Time: 20 min.

Marks: 20

Choose the correct answer from the following:

1 × 20 = 20

1. First Aid is :
 - a. Assessing the victim's vital parameters
 - b. Completing a primary survey
 - c. Treating a person in shock
 - d. First help given to the victim of an accident/ailment.
2. Diabetic coma occurs when
 - a. There is too much sugar in blood
 - b. There is too little sugar in blood
 - c. There is too much uric acid
 - d. None of the above
3. According to the 'Rule of Nines', the face area is :
 - a. 9+9%
 - b. 18%
 - c. 9%
 - d. 9+9+9= 27%
4. Collar and cuff sling is used to support:
 - a. Forearm
 - b. Hand Only
 - c. Wrist only
 - d. Whole of the upper limb
5. Sterilisation is a method of destroying :
 - a. Cutting the Fallopian tubes
 - b. Microorganisms and spores
 - c. Insects
 - d. Worms
6. During the "Protected meal time", all the activities in the ward should stop except :
 - a. Bed-making
 - b. Ward round
 - c. Emergency surgery
 - d. Collection of blood samples.
7. The main aim of giving First Aid are all of the following except :
 - a. Reduce death
 - b. To instigate the crowd to burn the Fire Brigade vehicle for coming late
 - c. Reduce suffering of the victim
 - d. To prevent further damage & deterioration of victims' condition
8. 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
9. "Dry bite" is when there is :
 - a. No envenomation
 - b. Envenomation
 - c. Intoxication
 - d. Neurotoxication

10. The causative organism of Rabies is :
 - a. Mumps virus
 - b. Lyssa virus type I
 - c. Corona virus
 - d. EB virus
11. Which is the correct ratio of chest compression to rescue breaths for use in CPR of an adult casualty?
 - a. 2 compressions: 30 rescue breaths
 - b. 5 compression: 1 rescue breath
 - c. 15 compressions: 2 rescue breaths
 - d. 30 compressions: 2 rescue breaths
12. Fowlers position is indicated
 - a. To relieve dyspnea
 - b. To improve circulation
 - c. To relieve tension on abdominal suture
 - d. All of the above
13. The "Golden hour" is how many hours after sustaining casualty:
 - a. Second hour
 - b. Third hour
 - c. Fourth hour
 - d. First hour
14. 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
15. The phase of disaster in which a person remains worried about his life, wife and his children is called:
 - a. Impact period
 - b. Threat period
 - c. Inventory period
 - d. Rescue period
16. Anatomic term meaning front
 - a. Anterior
 - b. Posterior
 - c. Distal
 - d. Proximal
17. In emergency situations like shock, hemorrhage and hypotension,position can be helpful
 - a. Fowlers
 - b. Trendelenburg position
 - c. Lithotomy
 - d. Dorsal Recumbent
18. Hydrophobia is fear of:
 - a. Examinations
 - b. Water
 - c. Height
 - d. Ghosts
19. is an example of meteorological disaster.
 - a. Global warming
 - b. Landslides
 - c. Earthquake
 - d. Floods
20. The pupil of a poisonous snake is :
 - a. Round
 - b. Square
 - c. Elliptical
 - d. Triangular

(PART-B : Descriptive)

Time : 2 hrs. 40 min.

Marks : 50

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

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| 1. Discuss the different methods of giving nourishment. | 10 |
| 2. Explain the purposes and principles of body mechanics. | 5+5=10 |
| 3. a) Enlist the duties of an ambulance driver and the dispatcher during an emergency.
b) Types of disaster | 8+2=10 |
| 4. Discuss the management of
a) Poisoning
b) Drowning | 5+5=10 |
| 5. a) Discuss the first aid management for cardiac arrest.
b) Write the early signs of heart attack. | 7+3=10 |
| 6. Discuss any four positions used in nursing care along with their indications. | |
| 7. Discuss briefly the methods of collection of specimens. | 10 |
| 8. Write short notes on:
a) Slings
b) Sterilisation and disinfection | 5+5=10 |

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