

**PARUL UNIVERSITY**  
**FACULTY OF ENGINEERING & TECHNOLOGY**  
**B.Tech. Summer/Winter 2017 - 18 Examination**

**Semester: 3**  
**Subject Code: 203142201**  
**Subject Name: First Aid and Emergency Procedures**

**Date: 03/10/2022**  
**Time: 02:00-04:30 pm**  
**Total Marks: 60**

**Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

**Q.1 One mark each Questions****(15)**

1. Write two causes of Asphyxia.
2. Normal Blood pressure in human body is \_\_\_\_\_.
3. SpO<sub>2</sub> denotes the level of \_\_\_\_\_ in blood.
4. To stop bleeding \_\_\_\_\_ Is used by applying pressure.
5. Which is not the vital sign?
  - A) Hairs.
  - B) Pupils.
  - C) Heartbeat.
  - D) All of the above.
6. Define unconsciousness.
7. Which one is not an external injury?
 

A) Crushed injury	B) Lacerated wound
C) Incision Wound	D) Punctured Wound
8. What is asphyxia?
9. Artificial respiration is provided with the help of \_\_\_\_\_.
10. Full form of CPR is \_\_\_\_\_.
11. Excessive bleeding is treated by providing \_\_\_\_\_ by paramedic.
12. Define Splint.
13. Define 3<sup>rd</sup> degree burn.
14. In rule of nine \_\_\_\_\_% consist of head in adults.
15. Define sling.

**Q.2 Answer the following questions. (Attempt any three)****(15)**

- A) Write down all anatomical terms with line diagram.
- B) Draw and describe elements of brain.
- C) What is paramedic care of foreign object in eye?
- D) How will you treat a patient with unconsciousness?

**Q.3 A) Write down the full Procedure of cardiopulmonary resuscitation.****(07)**

- B) Explain nervous system.

**(08)****OR**

- B) Draw and label all the upper body bones in human body.

**(08)****Q.4 A) Explain burns with their types and the paramedic care of electric burns.****(07)****OR**

- A) Explain fracture and paramedic care of the Radius, Femur and ulna fracture.

**(07)**

- B) What will be the paramedic care of a victim injured in a vehicle accident, having external lacerated wound due to femur fracture, no heartbeat and heavy blood loss due to incision wound on upper arm caused by shattered glass piece?

**(08)**