


Name:			
Enrolment No:			
UPES End Semester Examination, May 2024			
Course: First Aid and Emergency Procedure Program: B.Tech (FSE) Course Code: HSFS2011 Instructions:		Semester : IV Time : 03 hrs. Max. Marks : 100	
SECTION A (Answer all questions) (5Qx4M=20Marks)			
S. No.		Marks	CO
Q 1	What are the various types of bandages commonly utilized for wound protection?	4	CO1
Q 2	Differentiate between incised and contused wounds.	4	CO1
Q 3	What are the various types of forces that can cause fractures?	4	CO1
Q 4	Enumerate the rules of 9s for burns in first aid with pictorial representation.	4	CO2
Q 5	Describe the initial first aid procedures for an electrical burn.	4	CO2
SECTION B (Answer any four questions) (4Qx10M= 40 Marks)			
Q 6	Why is silica gel used in defibrillation for the treatment of life-threatening cardiac dysrhythmias, specifically ventricular fibrillation (VF) and non-perfusing ventricular tachycardia?	10	CO4
Q 7	How can one effectively administer first aid for a nosebleed, considering factors such as proper positioning, pressure application, and assessment of severity, in accordance with advanced first aid protocols?	10	CO4
Q 8	Explain the recommended first aid procedures for managing a heart attack, considering factors such as symptoms recognition, emergency response coordination, and patient care prioritization.	10	CO4
Q 9	How will you perform appropriate first aid procedures for managing both low blood pressure and high blood pressure, including the rationale behind each intervention. OR How would you categorize and label casualties effectively in a medical emergency, considering various factors and prioritizing based on the severity of injuries?	10	CO5

SECTION-C (Answer any two questions)
(2Qx20M=40 Marks)

Q 10	Define fracture and write their types based on the severity of the fracture, whether it communicates through the skin, the shape of the fracture line, or the anatomical location of the fracture within an individual bone.	20	CO3
Q 11	<p>The first thing that anyone providing first aid should be aware of when entering a situation is the potential danger to them. This is especially important in first aid, as situations which have been dangerous to others carry an inherent risk of danger to those providing first aid. What are the safety procedures, and first aider must follow while providing first aid to a victim?</p> <p style="text-align: center;">OR</p> <p>What are the various types, applications, and limitations of bandages and dressings in wound care, particularly emphasizing their clinical utility and considerations for optimal usage?</p>	20	CO5