

Name:			
Enrolment No:			
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, May 2023			
Course: First Aid and Emergency Procedures Program: B.Tech.-Fire and Safety Engineering Course Code: HSFS 2011		Semester: IV Time 03 hrs. Max. Marks: 100	
SECTION A (5Qx4M=20Marks)			
S. No.		Marks	CO
Q 1	When a person experiences an second degree burn what are the several changes happen to the tissue?	4	CO2
Q 2	Being a first aider how you will assist an accident, which involve sudden unconsciousness your house.	4	CO2
Q 3	If someone's choking, what are some ways that you can help them?	4	CO1
Q 4	Explain your role of first aider during an accident due to fall from height.	4	CO1
Q 5	If I'm alone at the scene of an accident, what is more important – calling 102 or helping the person?	4	CO3
SECTION B (4Qx10M= 40 Marks)			
Q 6	a) What is the treatment for a casualty with diabetes who is sweating, trembling and confused? b) What should you do if you're unable to stop bleeding immediately?	10	CO4
Q 7	How do you administer First Aid to patients suffering from electric shock?.	10	CO5
Q 8	Defibrillation is a treatment for life-threatening cardiac dysrhythmias, specifically ventricular fibrillation (VF) and non-perfusing ventricular tachycardia. Why silica gel is use for defibrillation?	10	CO5
Q 9	Differentiate the following: a. Acute and chronic health disorder b. CPR	10	CO2
SECTION-C (2Qx20M=40 Marks)			

Q 10	<p>Explain in detail</p> <ul style="list-style-type: none"> a) Resting Position b) Heat Stroke c) Heat Rash d) Third degree burn 	20	CO3
Q 11	<p>Write short notes on Following</p> <ul style="list-style-type: none"> a) Priorities of first aid b) Principles of First aid c) Responsibilities of first aider d) Rule of 9'S <p style="text-align: center;">OR</p> <p>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.</p>	20	CO3