

Name:	
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2019

Course: First Aid and Emergency Procedures
Program: B.Tech.-Fire and Safety Engineering
Course Code: HSFS 2011

Semester: III
Time 03 hrs.
Max. Marks: 100

SECTION A

S. No.		Marks	CO
Q 1	Explain and list the various principles of First aid	4	CO1
Q 2	Explain how you will recognize the internal head injury and mention its first aid	4	CO3
Q 3	Describe the first aid procedures of cold burn.	4	CO2
Q 4	Provisional diagnosis of respiratory disease is critical to maintain the physical fitness. What is the role of a skilled person for its treatment at primary stage?	4	CO2
Q 5	Priorities of first aider and attention prior to the arrival of the ambulance can sometimes mean the difference between life and death or between a full or partial recovery for a victim. Briefly explain some of the major priorities of first aid.	4	CO1

SECTION B

Q 6	The first thing that anyone providing first aid should be aware of when entering a situation is the potential for 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?	10	CO4
Q 7	What is the rule of 9s? <p style="text-align: center;">OR</p> Differentiate Electrocardiograph and Electrocardiogram.	10	CO3
Q 8	In the case of burns, it says if there is no running water then improvise. If the only source of water was a lake, which would be the priority- cooling the burn or preventing infection from the dirty water?	10	CO4
Q 9	What is the afferent and efferent pathways? How are they different from each other?	10	CO2

SECTION-C

Q 10	Differentiate the following: <ol style="list-style-type: none"> a. Acute and chronic health disorder b. Heat Stroke & Heat Exhaustion c. First AID fir chemical burning and Electrical burning 	20	CO4
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	<p>d. First Aid for unconsciousness</p> <p style="text-align: center;">OR</p> <p>Explain the following:</p> <p>a. Ana phyletic shock b. Syncope c. Na-K Pump d. Nissls granules</p>		
Q 11	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	CO5