


Name:			
Enrolment No:			
<b>UNIVERSITY OF PETROLEUM AND ENERGY STUDIES</b> <b>End Semester Examination, May 2022</b>			
<b>Course: B.Tech GSE</b> <b>Program: Safety, Health &amp; Environment Management</b> <b>Time: 03hrs.</b>		<b>Semester: VIII</b> <b>COURSE CODE: HSFS3015</b> <b>Max. Marks: 100</b>	
<b>SECTION A</b> <b>(5Qx4M=20Marks)</b>			
Q.1	Define routes of entry of different gases and other harmful substances.	4	CO1
Q.2	Briefly discuss requirements of PPE.	4	CO2
Q.3	List out various work permit used in oil and gas industry.	4	CO3
Q.4	List out approvals and permissions for creating a new oil and gas unit.	4	CO1
Q.5	Analyze role of contractor in safety management systems.	4	CO4
<b>SECTION B</b> <b>(4Qx10M= 40 Marks)</b>			
Q.6	Describe advantages of accident investigation.	10	CO3
Q.7	Briefly discuss about color- coding and safety sign used in oil and gas industry.	10	CO4
Q.8	Safety videos can play important role in avoiding of occupational diseases/ accidents in industries. Justify your opinion.	10	CO2
Q.9	Identify various PPE's used in oil & gas sector.	10	CO3
<b>SECTION-C</b> <b>(2Qx20M=40 Marks)</b>			
Q.10	Safety audit play an important role in reduction of accidents in industries. What do you understand by "Safety Audit"? Explain in detail about types and methods of safety audit.	20	CO4
Q.11	Number of fatalities occurring in industries due to presence of physical and chemical hazards in most of the industries. Describe in detail various physical & chemical hazards & common methods of eliminating, minimizing and controlling these hazards? Or Entry in confined space is very crucial. Discuss in detail steps of safe entry in confined space.	20	CO5