

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2018

Programme Name: B. Tech. (FSE)

Semester : V

Course Name : Occupational Health & Hygiene Management

Time: 02 hrs Course Code : HSFS 3004

Max. Marks: 100

Nos. of page(s) :1

SECTION A

S. No.		Marks	CO
Q.1	Construction site is full of hazards. Explain occupational health problems at construction site?	4	CO1
Q.2	Describe briefly the possible effects on health & safety of poor housekeeping in the workplace.	4	CO3
Q.3	An employee engaged in general cleaning activities in a large veterinary practice. Identify four specific types of hazard that the cleaner might face when undertaking the cleaning.	4	CO2
Q.4	Cadmium has adverse health effects on workers. Discuss health effects of cadmium.	4	CO5
Q.5	Describe your understanding about asbestosis.	4	CO5
SECTION B			
Q.6	Discuss briefly health effects of vibration and control measures.	10	CO1
Q.7	Personal Protective equipment play an important role in reduction of accident. Explain in detail importance of different PPE for industrial operations with reference to occupational diseases?	10	CO2
Q.8	Describe various types of hazards in industries and possible measures to reduce or eliminate these workplace hazards.	10	CO2
Q.9	Describe the role of employer in controlling bio-hazard, and methods to control bio-hazard. Or Define toxic gases. Analyze health effects of H ₂ S and treatment options.	10	

SECTION-C			
Q.10	<p>Medical Surveillance system in industries is an important activity and that can play a crucial role in some complicated medical cases.</p> <p>Explain steps of Medical Surveillance program adopted for any hazardous industry?</p>	20	CO1/ CO4
Q.11	<p>Worldwide industries are using modern technology to avoid accidents but still accidents are happening. First aid training is important component to reduce the impact of minor & major injury. Discuss in detail first aid procedure.</p> <p style="text-align: center;">OR</p> <p>Describe ergonomics. Discuss in detail ergonomic task analysis.</p>	20	CO1/ CO3