CVM UNIVERSITY

M.Sc. (Industrial Hygiene and Safety) Semester-I Examination-2021 Winter Examination -Monday, 22nd February – 2021 02:00 PM to 04:00 PM

PAPER CODE: 101360101: Introduction to Industrial Hygiene, Occupational Health &Environmental Toxicology

No. of Pages # 2

Total Marks: 60

Note: (1) Attempt all questions.

(2) Figures to the right indicate marks.

Q. 1	(a)	Answer the following multiple choice questions.	(08)
	(1)	Chronic CS2 poisoning results in	
		a) Neurotoxicity b) Nephrotoxity c) Pulmonotoxocity d)	
		Monotoxicity	
	(2)	OSHA Act was formed in 1970.	
		(a) True (b) False (c) 1988 (d) 1950	
		(4) 1140 (5) 1 4150 (5) 1750	
	(3)	TLV-TWA of ACGIH are exposure guidelines	
		2 and a few free free free free free free free	
		(a) False (b) True(c) Standards (d) Both A and B	
	(4)	In factory Act 1948Schedule are present.	
		a) 1 c)2	
		b) 3 d)4	
	(5)	Radiation is ahazard.	
		a) Chemical c) Physical	
	100	b) Biological d) None	
	(6)	method of control is cheap and alternative in drilling and grinding.	
		a) Sweeping Method c) Wet method	
	(7)	a) Blowing Method d) Dry Method	
	(7)	Ambulance van could not be found in small industries.	
		a) True h) False a) Chemical d) In All Industries	
		a) True b) False c)Chemical d) In All Industries	
	(8)		
	(0)	controls that alter the way the work is done, including timing of work.	
		Controls that after the way the work is done, including thining of work.	
		a) Administrative c)PPE	
		b) Substitute d) Engineering	
	(b)	Answer the following (Fill in the blanks and True or False)	(08)
	(1)	Pneumoconiosis is a diagnosable disease of the	
	()	lungs produced by the inhalation of dust. (True or False)	
	(2)	Cigarette smoking will not predispose worker to allergic sensitization . (True or	
		False)	
	(3)	IDLH fullform is	
	(4)		
		Tension neck is a neck disorder. True or false	
= - 11	(5)	These toxins cause effects to the immune system	
	3 6		
	(6)	Published "De Morbis Artificum Diatriba" - Diseases of workers	
		(1700)	
	(7)		
		control means when a new chemical or substance is used instead of	
		another chemical.	l l

Enrolment No.

-	(8)	Industrial Hygienist can do medical monitoring. True or False	
Q.2	(0)	Attempt any Six of the following.	(12)
Q.2	(1)	Types of Pneumoconiosis	(120)
	(2)	Define Asthma	
	(3)	Define Industrial Hygiene	
	(4)	Difference between OH and IH	
	(5)	Name various Chemical Hazards	
	(6)	OHC and its functions	
-114	(7)	Acute & Chronic toxicity	
10.00	(8)	Half –life of chemical	
Q. 3		Hierarchy of Controls	(08)
		OR	
Q.3		What is Respiratory Protection and classification	(08)
		Explain Training and Fit Test.	
Q. 4		Occupational Hazards Among	(08)
		Health Care Workers and possible control measures.	
		OR	
Q. 4		Explain Asbestosis its types Symptoms signs and control measures.	(08)
Q. 5		Explain Absorption, distribution, and excretion of toxic substances with chart and description.	(08)
		OR	
Q. 5		Describe in detail Any Four Toxins	(08)
Q. 6		Hepatotoxicity	(08)
		OR	
Q. 6		Nephrotoxicity	(08)