Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

M. E. - SEMESTER – III • EXAMINATION – WINTER 2012

Subject code: 731804 Date: 26/12/2012			
•		Name: Industrial Hygiene and Safety 0.30 am – 01.00 pm Total Marks: 70	
		ions:	
	1. 2.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	
Q.1	(a)	Write a short note on Biological Monitoring.	07
	<b>(b)</b>	Which Disease is caused by Silica Dust? Write down its effects, Symptoms and Precautionary Measures.	07
Q.2	(a)	What is Ventilation? Enlist Classification of Ventilation and Explain any one in detail.	07
	<b>(b)</b>	· · · · · · · · · · · · · · · · · · ·	07
	(b)	OR Give detail note on Vibration and its control.	07
	<b>(b)</b>	Give detail note on violation and its control.	U/
Q.3	(a)	Discuss the term TLV in detail.	07
<b>~.</b>	(b)		07
	` ,	OR	
Q.3	(a) (b)	Enlist all Environmental and non- environmental Hazards. Discuss Coal Miner's Pneumoconiosis.	07 07
Q.4	(a)	Differentiate the term HAZOP and HAZAN.	07
<b></b>	(b)		07
		OR	
Q.4	(a)	Enlist the Different PPEs used in various Industries and write down its importance.	07
Q.4	<b>(b)</b>	•	07
Q.5	(a) (b)	Č .	07 07
Q.5	(a)	Write down concept of SHE. Define term Industrial Hygiene and Industrial Safety.	07
	<b>(b)</b>	•	07

\*\*\*\*\*