

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY**M. E. - SEMESTER – III • EXAMINATION – SUMMER • 2013****Subject code: 731804****Date: 15-05-2013****Subject Name: Industrial Hygiene and Safety****Time: 10.30 am – 01.00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1	(a)	Define Industrial Hygiene and safety with examples.	07
	(b)	Write a short note on ergonomics.	07
Q.2	(a)	Explain the heat stress with its effects.	07
	(b)	Write a brief note on Vibration.	07
		OR	
	(b)	Write a short note on Biological Monitoring.	07
Q.3	(a)	Define Ventilation. Enlist and explain the types of ventilation.	07
	(b)	Enlist Sources of Noise pollution.	07
		OR	
Q.3	(a)	Write a short note on Byssinosis.	07
	(b)	Explain the history of occupational Health.	07
Q.4	(a)	Write a short note on dermatitis.	07
	(b)	Explain the Functions of occupational health.	07
		OR	
Q.4	(a)	Explain the hierarchy of the Engineering Control.	07
	(b)	Explain the control Measures of the Engineering control in Textile Industry.	07
Q.5	(a)	Write a short note on Industrial Lightening	07
	(b)	Explain the Pneumoconiosis	07
		OR	
Q.5	(a)	Enlist the Personal Protective Equipments used in the Industry.	07
	(b)	Write a short note on Significance of the Threshold Limit Value.	07
