Seat No.:	Enrolment No.
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## **GUJARAT TECHNOLOGICAL UNIVERSITY**

DIPLOMA ENGINEERING – SEMESTER – VI• EXAMINATION – SUMMER 2016

<b>Subject Code: 340502 Date: 12/05</b>		<b>2016</b>	
Ti	Subject Name: Safety and Hazard Management in Chemical Industries Time: 10:30 AM to 01:00 PM Instructions:  Total Mark		: 70
In	1. 2.	Attempt all questions.  Make Suitable assumptions wherever necessary.  Figures to the right indicate full marks.  Use of programmable & Communication aids are strictly prohibited.  Use of only simple calculator is permitted in Mathematics.  English version is authentic.	
Q.1	(a) (b)	•	07 07
Q.2	(a) (b)	Write Short Note on Prevention of Diseases due to Chemical Effect. OR	07 07
	(b)	Write in brief about different personal protective devices.	07
Q.3	(a) (b)	•	07 07
Q.3	(a) (b)	Write short note on sources of electrical hazards and reducing electrical hazards.	07 07
Q.4	(a) (b)		07 07
Q.4	(a) (b)	Define Hazard and Hazard analysis. Describe PHA in brief.	07 07
Q.5	(a)	FMEA or HAZOP study.	07 07
	(b)	OR	U7
Q.5	(a) (b)	1.FMEA 2.HAZOP 3.PHA 4.ETA 5.ISO 6.HAZAN 7.OHSAS	07 07

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