Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

BE - SEMESTER-VI • EXAMINATION - SUMMER 2014

Subject Code: 161505 Dat		ate: 26-05-2014	
•	: 10	1	Total Marks: 70
HIST	1. 2.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	
Q.1	(a)	Discuss importance of Maintenance function as applied to	co <b>07</b>
	<b>(b)</b>	automobile industries. Discuss principle functions of Maintenance department typical armed forces of a nation.	in <b>07</b>
Q.2	(a)	Discuss Total Productive Maintenance program, and how is implemented in a heavy engineering industry	it <b>07</b>
	<b>(b)</b>		in <b>07</b>
		OR	
	<b>(b)</b>	Discuss assembly of splined joints.	07
Q.3	(a)	Discuss maintenance and repair of shafts.	07
	( <b>b</b> )	-	s, <b>07</b>
Q.3	(a)	Discuss method of maintenance and repair of couplings.	07
	<b>(b)</b>	Discuss Testing of the restored machines.	07
Q.4	(a)	Discuss method of maintenance and repair of clutches.	07
	<b>(b)</b>	Discuss accident causation in case of foundry types of	of <b>07</b>
		industry. <b>OR</b>	
Q.4	(a)	1 9	of <b>07</b>
	<b>(b)</b>	maintenance work. Discuss VAIN analysis with example.	07
0.5	(-)	Discuss safety considerations in design of equipment Tal	. 07
Q.5	(a)	Discuss safety considerations in design of equipment. Take an example of Material Handling Equipment.	ke <b>07</b>
	<b>(b)</b>	Discuss various maintenance cost and replacement economics involved.	nt <b>07</b>
0.5	(a)	OR  Discuss industrial hazards, especially in a glas	ss <b>07</b>
Q.5	(a)	manufacturing industry.	55 <b>U</b> /
	<b>(b)</b>	Discuss concept and economics of Maintainability.	07

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