Seat No.: Em	olment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER VII- EXAMINATION - SUMMER 2015

Sul Tir	bject ne: 02 ruction	Name: Two and Three Wheeler Technology (Department E 2.30PM-05.00PM ns: Attempt all questions. Make suitable assumptions wherever necessary.	Date:06/05/2015 Elective – I) Total Marks: 70	
Q.1	(a) (b)	Classify the two wheelers. Also explain different types of motore Explain Selection criteria and Design considerations for two who	•	07 07
Q.2	(a) (b)	Explain Systems requirements for Engine lubrication. Explain Button Start mechanism for two wheeler. OR		07 07
	(b)	Explain Kick start mechanism for two wheeler.		07
Q.3	(a) (b)	Explain requirement of clutch in three wheeler. Explain Gear shift mechanism for two wheeler. OR		07 07
Q.3	(a) (b)	Explain arrangement of final drive and differential for three wheelers.		07 07
Q.4	(a) (b)	Explain requirement of suspension system in two wheeler. Explain trailing & leading link.		07 07
0.4	()	OR		Λ.
Q.4	(a)(b)	Explain disc brake system for two wheeler. Explain different types of tyres for two and three wheeler.		07 07
Q.5	(a) (b)	Explain epicyclic gear train. Explain different types of body for three wheeler. OR		07 07
Q.5	(a) (b)	Explain charging system of battery for two and three wheeler. Explain Preventive & brake down maintenance for two wheeler.		07 07
