Seat No: _____

Enrollment No: ____

PARUL UNIVERSITY

FACULTY OF ENGINEERING & TECHNOLOGY Diploma Engineering, Mid semester Examination

Sub Sub Inst 1. A	bipionia Engineering, wild semester Examination nester: 3 rd bject Code: (03612203) bject Name: Automobile Transmission & Mechanism tructions: Attempt all questions. Make suitable assumptions wherever necessary.	Date: (08/08/2022) Time: (1hr: 30min) Total Marks: 40
3. F	Figures to the right indicate full marks. English version is considered to be Authentic.	
Q.1	 Answer any six out of Ten. (2 Marks Each) 1. Write down the function of Frame. 2. Is there any clutch assembly used in Activa. Yes or no Justify your answer. 3. Differentiate between chassis and frame 4. Name the different components of clutch assembly 5.Name the driving member, driven member and operating member of clutch assembl 5. Write the main component of chassis. 7.Explain the necessity of clutch. 8.On which principle the clutch works? 9.Write full form of AWD, FWD, RWD 10. Draw the power flow layout of front engine rear wheel drive 	(12) bly.
Q.2	A) Write down the classification of clutch OR	(03)
	A)Write down the advantages of Fluid couplingB) Explain centrifugal clutch with neat sketch.OR	(03) (03)
	B) Draw the neat sketch of sliding mesh gear boxC) Write four vehicle name in which centrifugal clutch used.OR	(03) (04)
Q.3	C) Explain construction and working of fluid flywheel or fluid couplingD) Write down the advantages and disadvantages of AWD.A) Write down the advantages and disadvantages of front engine front wheel drive.	(04) (04) (03)
	A) Write down the advantages of multi plate clutch over single plate clutch.B) Explain single plate clutch with neat sketch.	(03) (03)
	OR B) Explain multi plate clutch with neat sketch C) What is chassis?	(03) (04)
	OR C) State the good qualities of good clutch. D) Write down the difference between single plate clutch and multi plate clutch	(04) (04)

<u>ગુજરાતી</u>

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