Total No. of Questions : 8]		SEAT No. :
PD4355	[6403]-154	[Total No. of Pages :

## [6403]-154 T.E. (Mechanical Engineering)/(Automobile Engineering) MACHINING SCIENCE & TECHNOLOGY (2019 Pattern) (Semester - V) (Elective - I) (302045B)

	(	(2019 Pattern) (Semester - V) (Elective - I) (302045B)	
T:	. 21/		70
		Hours] [Max. Marks:	70
Instr		ns to the candidates: Solve Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.	
	1) 2)	Neat diagrams must be drawn wherever necessary.	
	<i>3</i> )	Figures to the right indicate full marks.	
	<i>4</i> )	Assume suitable data wherever necessary.	
	•)	G. Vice and Wiles eyes Recession y.	
01)	۵)	Describe with next stratch any one special emplication of evilindais	1
<i>Q1</i> )	a)	Describe with neat sketch any one special application of cylindric grinder. Mention the application.	9]
	7	grinder. Mendon the application.	.7]
	b)	Write any four constant factors and any four variable factors for selecti	on
		of grinding wheel in machining process.	[8]
		OR	
0.0			
Q2)	a)	Explain Glazing, Dressing and Truing of Grinding wheels with no	eat
		sketches.	90
	b)	Draw sketch of any lapping process. What are its control parameter	\$?
		Write its two industrial applications.	<b>8</b> ]
Q3)	a)	Write any six advantages of use of jig and fixture.	[6]
	b)	Explain with neat sketch principle of setting elements in milling operation.	[6]
	c)	Draw a sketch of Turnover Jig.	[6]
		OR OF	
1	V		
<b>Q</b> 4)	a)	Write any six principles of clamping.	[6]
N	<b>b</b> )	Give any six location guidelines for fixture.	[6]
	c)	Explain with neat sketch 3-2-1 principle of location.	[6]

