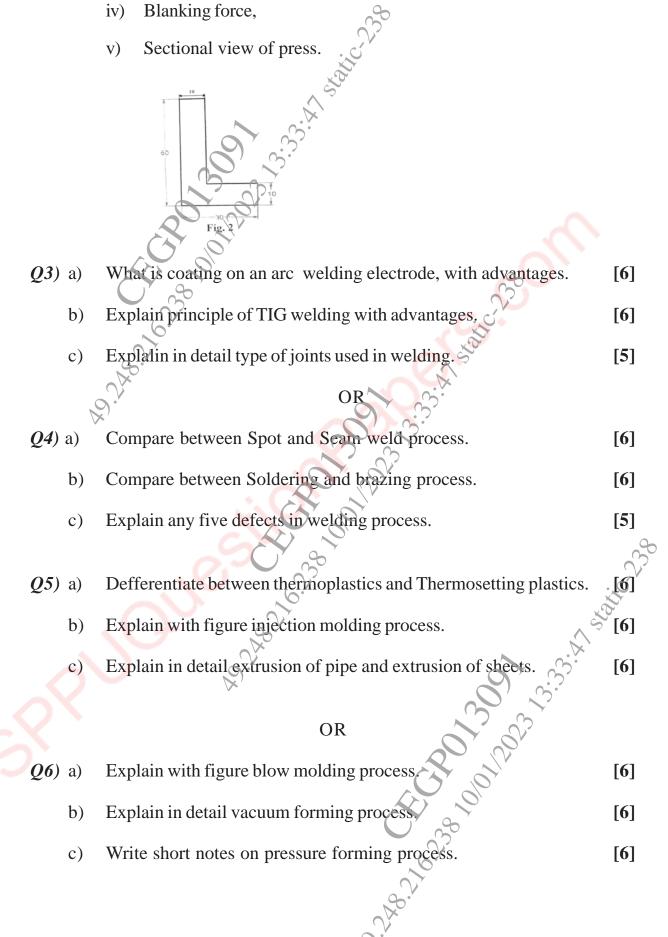
Total No. of Questions: 8] PA-2632		estions: 8]	3	SEAT No.:	
		ſ	[5925]- 310	[Total No. o	of Pages: 3
S.E. (A	Autor	nation&Robotics	The state of the s	automobil & Med	chanical)
`			TURING PRO		,
		(2019 Pattern)	(Semester - IV	V) (202050)	
Time :2½ Hours] Instructions to the candidates:			?	[Max. Marks : 70	
		estions are compulsory			Q.7 or Q.8.
		liagrams must be draw es to the right indicate	•	y.	
,				20	
		J 29		639	
Q1) a)	Exp	lain with neat sketch	any two sheet met	tal operations.	[8]
b)	Who	it is centre of press	ura? Writa a data	ilad procedure for	contro of
U)		sure. Also Find cen			
,	* V	e made from mild ste	-	O- 1 T	[10]
	X		2000		
			12 m		
		20	S COLON		
		Fig. 1 30	6.30		
		08.2	OR		
(2) a)	Exp	lain compound and p	progressive sheet r	netal dies	[8]
b)	_	art shown in fig. 2 nate shear strength of			thick and [10]
	Dete	ermine:	2		
	i)	Stock Strip layout		3	
	ii)	% utilization of strip	oi 🔿	6.	
	iii)	Clearance between	punch and die		
			8.		<i>P.T.O.</i>

- ii)
- iii)



[5925]-310

Explain with figure Spray lay-up process.	[6]		
Explain with figure vacuum impregnation process.	[6]		
Write short notes on nano composites. OR	[5]		
Explain with figure Hand lay-up Process.			
Explain with figure Fabrication of ceramic matrix composites.	[6]		
Write short notes on Filament winding process.	[5]		
STOR SANDARAN SANDARA			
	Explain with figure vacuum impregnation process. Write short notes on nano composites. OR Explain with figure Hand lay-up Process. Explain with figure Fabrication of ceramic matrix composites. Write short notes on Filament winding process.		