CRCS Sahama

USN	1		15AU46
Fourth Semester B.E. Degree Examination, June/July 2018			
Manufacturing Process - II			
Tir	ne:	3 hrs. Max. Mar	rks: 80
Note: Answer FIVE full questions, choosing one full question from each module.			
			•
1	a.	Explain with a neat sketch the nomenclature of single point cutting tool st	ating the
		$a_1 = a_2 + a_3 + a_4 $	10 Marks)
	b.	State different types of tool wear and list the effects of cutting parameters on tool life	fe.
			06 Marks)
OR			
2	a. b.	Explain footable 600 villa 1 v	06 Marks)
	c.	List and and Milled	04 Marks) 06 Marks)
			oo Marks)
3	a.	Explain with a neat sketch different expressions performed as a letter of the second s	
	b.		12 Marks) 04 Marks)
	4		, (C)
4	B	OR Explain with a neat sketch, the drive mechanism of shaping machine.	
ST	₹.	Draw a neat labeled diagram for planning machine and name mechanism for quie	(Rarks)
ÇPV .			8 Marks)
Module-3			
5	a.	Wish a mark all at 1 1'CC at a target with the same of	08 Marks)
	b.	Index 48 divisions on a work piece using simple indexing.	04 Marks)
	c.	What is Indexing? Explain simple, compound and angular indexing. (0	04 Marks)
		OR	
6			9 Marks)
	b.	What are Abrasives? State the functions of abrasives and explain grain size and	_
		process. (0	7 Marks)
_		Module-4 Define the term drilling Explain types of drilling and drill hit nomenclature	
7	a. b.	What is D. 11. 2.50 in the first of the firs	1 Marks)
	υ.		5 Marks)
0	_	First First Control of Control	
8	a. b.	- Translation	8 Marks)
	υ.	(0)	8 Marks)
9	0	Module-5	
7	a. b.	T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 Marks)
	٠.		0 Marks)

a. Explain with a neat sketch, water jet machining.
b. State advantages and disadvantages of EDM and PAM process. c. Explain Chemical machining.

(08 Marks) (04 Marks)

(04 Marks)

Important Notes 1. On completing roun operates, suggest offs. For Faginal Less Fores professions Points Papes.

2. Axily revealing of identification, appeal to evaluator and (or equations written eg. 42+8 = 50, will be treated as malpractice.