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Q.P. Code: 19AG0702														R19
Reg.	No:				14. A.									
SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR (AUTONOMOUS) B.Tech II Year II Semester Supplementary Examinations February 2022 FARM MACHINERY & EQUIPMENT-I (Agricultural Engineering) Time: 3 hours Max. Marks: 60 (Answer all Five Units 5 x 12 = 60 Marks)														
1 Explain about objectives of farm mechanization and classification of farm12Mmachines.														12111
2	Explain	n in brie	efly ab	out tre	eatmer	nt of st	teel.	DR						12M
3.	Disting	uish be	tween	moul	d boar	d plou	igh an	d disc	ploug	h with	n neat	sketche	es.	12M
4 , 4	Explain			an th			and ty UNI	T-III		e.				12M
5 Explain terminology related to earth moving equipments.0R														12M
6	-	lain the lain abo			nd bul	ldozer	1.44	T-IV	 					6M 6M
₹ 7	Explain	n the di	fferent	fertili	zer m	etering		hanisn)R	ns wit	h neat	sketc	hes.		12M
** 8 ***	seed i) N ii) S	te the pr drill. C umber c pacing	alcula of furro betwee	te the sows $=1$ on furro	seed ra 0 ows=2	ite per 0 cm	sults w	ere ob	tained	while	calibr	ating a		6M
		Diamete Speed =			eel =	1.5 m		d i	4	4				
	v) S b Exp	eed coll lain in	ected = oriefly	= 20 kg about	the fl			etering I T-V	g mec	hanisn	n.			6M
		at are th lain in l			-		-	ayer.)R						6M 6M
10	Illustra	te about	differ	ent typ	es of s	spraye								12M

*** END ***

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