## Q.P. Code :08195

[ Marks:60]

			Please check whether you have got the right question paper.	3
		N.B:	1. All Questions carry equal marks.	
			2. All questions are compulsory.	800
			3. Figures to the right indicate full marks.	10
			4. Draw neat labeled diagram whenever necessary.	
Q.1	a)	Explain	competitive and uncompetitive inhibition?	06
	b)	Explain	non competitive and irreversible inhibition.  OR	06
	c)	Write in	brief the safety issues related to flavors?	06
Q.2	a)	Explain	in detail any two chemical methods of food preservation.	06
	b)	Explain	term Food Intoxication. Mention in detail conditions arises due to Food intoxication.  OR	06
	c)	1) Egg	s & poultry.	06
		-	etable & fruits.  « & Milk Products.	
Q.3	a)		the following terms with appropriate examples & diagrams- port system	06
			port system	
		-	port system	
	b)	Explain	the steps in endochondral ossification of bone.  OR	06
	c)	Explain	the nerve action potential.	06
Q.4	a)	. VI an	normones of anterior pituitary control the synthesis of estrogen? Explain in detail menstrual women?	06
	b)	Comme	'V', 'Q, 'V, 'B, 'Q, 'O, 'W, 'Q, 'W, 'A, 'V, 'W, 'A, 'Y, 'W, 'A, 'Y, 'W, 'A, 'Y, 'W, 'A, 'Y, 'W, 'A, 'W, 'A, 'W, 'W, 'A, 'W, 'W, 'A, 'W, 'W, 'A, 'W, 'W, 'W, 'W, 'W, 'W, 'W, 'W, 'W, 'W	06
4	c)	Comme	OR nt on Androgens.	06
Q.5 V	~ ~ ~ .		3 3 3 7 V V V V V V V V V V V V V V V V	12
50 68 50 69	a)	N. C. N.	following terms-	
30 20 V	1000 CO	i)\?	Osmolality & water activity	
	Sylve	ii) V	Viscosity – Relation between viscosity and temperature	
	(b)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ne Receptors	
	(z))	Color A	O'DY FRANCISCO DO DE DE LA COLONIA DE LA COL	
	(d)	E-Numl	er en	
	- V -	ADH	\$ \X'	

[Time: 2 ½ Hours]