(ii)	Q	uestions	: 9	-Sub.	Code:	0 1	6 5
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			BIO-	TECHNOI	LOGY		
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Not	te :			questions on C is con	AND THE PERSON NAMED IN	Section	A and
		Taken a	S	ECTION-	-A		
I.	(a) Write the differences between gram negative an						gram
		positive	bacteria.				7
	(b)	Explain	the char	acteristics o	f fungi an	d viruses.	6
П.	(a)	What are	e primar	y and secon	dary meta	bolites ? E	xplain
	7	their imp	ortance.	benefit to un	Land Str.	stantin (	7
	(b)	What are	alkalop	ohiles ? Giv	e example	s.	6
III.	(a) What is the difference be			ence between	n reducing	and non-red	ducing
		sugar ?				America (	7
	(b)	What are	storage	polysaccha	rides ?	te apolitic (	6
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IV.	(a)	What are lipids? Write their importance.	7				
	(b)	Write the chemical properties of fatty acids.	6				
		SECTION—B					
V.	(a)	Describe the application of enzymes in food processi industry.					
	(b)	Write the structure of positively charged amino acids	3				
		CONTRACTOR OF STREET	6				
VI.	(a)	How is ELISA used as a research tool for enzymes?					
	(b)	Write a note on the storage and contractile proteins.	6				
VII.	(a)	Write the principle of scintillation counter.	7				
	(b)	Differentiate between SEM and TEM.	6				
VIII.	(a)	Write three applications of UV/V in spectrometry.	7				
	(b)	Write a short note on X-ray diffraction.	6				
		SECTION—C					
IX.	(a)	What is the function of pili?					
	(b)	What is the function of phosphoglycerides?					
	(c)	Give two examples of structural polysaccharides.					
	(d)	Name two sulphur containing amino acids.					
	(e)	Name the law that governs diffraction of X-rays.					
	(f)	What is the purpose of Western blotting? 2.5×	6				