

YBC-16543

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## B.Sc. (Part—III) Semester—VI Examination 6S: MICROBIOLOGY

## (Industrial Fermentations Food Microbiology and Metabolism)

Time: Three Hours] [Maximum Marks: 80]							
Note:—(1) All questions are compulsory.							
			(2)	Draw neat and labelled diagrams wh	ereve	er necessary.	
1.	(a)	Fill in the blanks:					
		(i) invented the process of Pasteurization.					
		(ii)	Full form of WSL				
		(iii) EMP Pathway is also known as					
		(iv)	Che		2		
	(b)	) Choose the correct alternative :					
		(i) What is meant by SCP?					
			(a)	Social Cell Programme	(b)	Single Cell Protein	
			(c)	Standard Cuid Procedure	(d)	None of these	
		(ii)	The	temperature for HTST method is :			
			(a)	62.8°C	(b)	71.5°C	
			(c)	71.1°C	(d)	50.4°C	
		(iii) Test performed for examination of milk:					
			(a)	MBRT	(b)	CRT	
			(c)	Coagulase	(d)	Ames Test	
		(iv) The end product of glycolysis is:					
			(a)	Lactic acid	(b)	Citric acid	
			(c)	Pyruvic acid	(d)	Acetic acid	2
	(c) Answer the following in <b>one</b> sentence each:						
		(i)	(i) Define Fermentation				
		(ii)	Define Molasses				
		(iii) Define antifoaming Agent					
		(iv) Define Canning.					4

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Describe in detail classification of enzymes by IUB system.

Discuss in detail the Tricarboxylic Acid Cycle (TCA).

7.