This question paper contains	4 printed pages]	
•	Roll No.	
S. No. of Question Paper : 78	856	
Unique Paper Code : 25	531101	F-1
Name of the Paper : H	listory and Scope of Microbiolo	ogy [DC-1.1]
Name of the Course : <b>B</b>	achelor with Honours in Micro	biology
Semester : I		
Duration: 3 Hours		Maximum Marks: 75
(Write your Roll No.	on the top immediately on recei	ipt of this question paper.)
•	Attempt any Five question	
	All questions carry equal ma	rks.
A	ttempt all parts of a question to	ogether.
1. (a) Name the organism	n involved in the production of	the following products: $5 \times 1=5$
(i) Cheese		
(ii) Alcohol		
(iii) Streptomycin		
(iv) Amylase		
(v) Acetic Acid.		

2.

3.

(b)

(c)

(*d*)

**Probiotics** 

Nutrition in Protozoa

Germ Theory of disease.

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4.	(a)	Name the scientist associated with the following contributions (any eight):			8×1=8	
		( <i>i</i> )	Lysozyme		•	
		(ii)	Neomycin			
		(iii)	Chemolithotrophy			
		(iv)	Chicken cholera vaccine			
		(v)	Isolation of Vibrio cholerae			
		(vi)	Different shapes of bacteria			
		(vii)	Contagium vivum fluidum			
		(viii)	Stereochemistry			
		(ix)	Use of Agar as a solidifying agent.			
(b) .	Draw	v a well labelled diagram of Amoeba.			4	
	(c)	Expl	ain the binomial system of nomenclature.			3
5.	(a)	Name the causative agent of the following diseases (any five):			5×1=	5
		( <i>i</i> )	Syphilis			
		(ii)	Diphtheria	•		
		(iii)	Amoebic dysentery			
		(iv)	Ringworm			
	٠.	(v)	AIDS			
		(vi)	Tetanus.			

 $5 \times 1 = 5$ 

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- (*i*) An edible fungus
- Unicellular fungus *(ii)*
- Filamentous alga (iii)
- DNA virus (iv)
- Ciliated protozoan (v)
- (vi) Non-enveloped virus.
- With the help of suitable diagrams explain the various types of antibodies. (*b*)
- Differentiate between batch and continuous fermentation. (c)
- What is Bioremediation? Explain with the help of a suitable example. (*d*)

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