	BCM SCHOOL BASANT AVENUE , DUGRI LUDHIANA	15 m
	ASSIGNMENT	
	CH- MICROBES IN HUMAN WELFARE	
1	The vitamin whose content increases following the conversion of milk into curd by lactic	1
	acid bacteria is	
2	(a) Vitamin C (b) Vitamin D (c) Vitamin B <sub>12</sub> (d) Vitamin E  Methanogenic bacteria are not found in	1
	(a) Rumen of cattle (b) Gobar gas plant	1
	(c) Bottom of water-logged paddy fields (d) Activated sludge	
3	Match the following list of bacteria and their commercially important products.	1
<b>.</b>	Product	-
	(i) Asperaillus piger (A) Pactic acid	
	(i) Aspergillus niger (ii) Acetobacter aceti (iii) Clostridium butylicum (C) Acetic acid	
	(ii) Acetobacter aceti (b) Butyric acid	
	(iii) arear in the case of the	
	(iv) Lactobacillus (D) Citric acid	
	Choose the correct match:	
	(a) i-B, ii-C, iii-D, iv-A (b) i-B, ii-D, iii-C, iv-A	
4	(c) i-D, ii-C, iii-B, iv-A (d) i-D, ii-A, iii-C, iv-B  Match the following list of bio active substances and their roles:	1
4	SHOWER WALLS THE SECOND TO BE SECOND TO SECOND THE SECO	1
	Bioactive Substance Role	
	(i) Statin (A) Removal of oil stains	
	(ii) Cyclosporin A (B) Removal of clots from	
	blood vessels	
	(iii) Streptokinase (C) Lowering of blood	
	cholesterol	
	(iv) Lipase (D) Immuno-suppressive	
	agent	
	Choose the correct match:	
	(a) i-B, ii-C, iii-A, iv-D (b) i-D, ii-B, iii-A, iv-C	
	(c) i-D, ii-A, iii-B, iv-C (d) i-C, ii-D, iii-B, iv-A	
5	BOD of waste water is estimated by measuring the amount of	1
	(a) Total organic matter (b) Biodegradable organic matter	
	(c) Oxygen evolution (d) Oxygen consumption	
6	What would happen if oxygen availability to activated sludge floes is reduced?	1
	(a) It will slow down the rate of degradation of organic matter.	
	(b) The center of floes will become anoxic, which would cause death of bacteria and	
	eventually breakage of floes.	
	(c) Floes would increase in size as anaerobic bacteria would grow around floes. (d) Protozoa would grow in large numbers.	
7	What would happen if our intestine harbours microbial flora exactly similar to that found in	1
,	the rumen of cattle?	1
8	What for Nucleopolyhydro viruses are being used now-a-days?	1
9	How do mycorrhizal fungi help the plants harbouring them?	1
10	Why are cyanobacteria considered useful in paddy fields?	1
11	What roles do enzymes play in detergents that we use for washing clothes?	1
12	What is a broad spectrum antibiotic?	1
13	What is a broad spectrum antibiotic:  Why is aerobic degradation more important than anaerobic degradation for the treatment	3
-5	of large volumes of waste waters rich in organic matter? Discuss.	
	or large retained or madic materiorism organic matter. Produces.	1