

Q5 Give scientific reasons.

a) Use of mutant strains has been increased in industrial microbiology.

- Ans
- i) Use of microbes to obtain a product which is cheaper now a trend in industrial microbiology
 - ii) Mutant strains are genetically improved to give higher yields and therefore decrease the cost of products
 - iii) Mutant strains are formed by alteration of nuclear genes in micro-organisms to suit the need of industry
 - iv) Virus resistant bacterial strains used in dairy industry
 - v) In alcohol industry mutant strain improve the flavour and quality of wine or beer.