

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

SECTION-A

SECTION-B

2. What is transformation? Describe briefly genetic markers for yeast transformation.
3. Describe the criteria for the formulation of medium for industrial fermentations.
4. Describe the scope and applications of an industrial biocatalyst.
5. What are alcoholic beverages? Describe the production of red wine with a flow diagram.
6. What are biofuels? Describe applications of fuel biotechnology.

SECTION-C

7. Describe the scope and applications of environmental biotechnology.
8. Describe briefly techniques for the immobilization of biocatalysts. Also highlight the applications of immobilized biocatalysts.
9. Describe briefly designing of fermenter. Also highlight its operations parameters.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC against the Student.