

DSC-39
M.Sc. IVth Semester Examination, 2020
Biotech
Paper - 401
Adv. In Fermentation & food Biotech

[Maximum Marks : 85]

Note :- All questions from each section carry equal marks. All questions are compulsory and answer limit are approximately 250 words. Start the answer of each section from new page. Maximum limit of pages of answer booklet are approximately 16 pages. Answer should be written by the student in his/her own handwriting mandatory. The first page of answersheet should be download by the student from university website www.bubhopal.ac.in is mandatory.

1. Explain fermentation method for anaerobic microbes
2. Give details of various methods of strain improvement in food industry.
3. Give details of various microbial and environmental toxicants and their role in fermented food.
4. What are biosensors ? Explain their role in food industry
5. Give details of protein based fat replacers with their biochemistry.