



KUVEMPU UNIVERSITY
OFFICE OF THE DIRECTOR
DIRECTORATE OF DISTANCE EDUCATION



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TOPICS FOR INTERNAL ASSESSMENT ASSIGNMENTS (2009-10)

Course: **M.Sc. BIOTECHNOLOGY** (Final Year)

Note: Students are advised to read the separate enclosed instructions before beginning the writing of assignments.

Out of 15 Internal Assignment marks per paper, 5 marks will be awarded for regularity (attendance) to Counseling/ Contact Programme/ Practical classes pertaining to the paper. Therefore, the topics given below are only for 10 marks each paper.

PAPER-V: CELL AND TISSUE CULTURE TECHNOLOGY

1. Describe in detail the techniques and importance of protoplast culture (05 Marks)
2. Write an account on composition and importance of animal cell culture media. (05 Marks)

PAPER –VI: INDUSTRIAL AND ENVIRONMENTAL BIOTECHNOLOGY

1. Describe the design and applications of Bioreactors (05 Marks)
2. Describe the strategies employed in Hazardous waste management (05 Marks)

PAPER- VII: COMPUTER APPLICATIONS AND BIOINFORMATICS

1. Write a detailed account on the importance and applications of MS-Office. (05 Marks)
2. Explain Genomics and add a note on their applications in Biotechnology. (05 Marks)

PAPER-VIII: RECOMBINANT DNA TECHNOLOGY

1. Describe the biology of Cloning Vectors (05 Marks)
2. Write an account on Molecular tools used in recombinant DNA technology (05 Marks)
