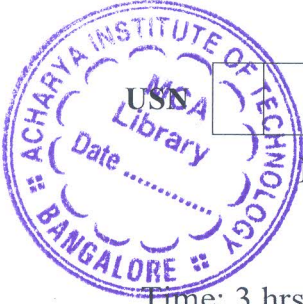


CBCS SCHEME

A1063F01



18BT51

Fifth Semester B.E. Degree Examination, June/July 2024 Biobusiness and Entrepreneurship

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 a. Illustrate on the development of Indian Entrepreneurship process. (10 Marks)
- b. Discuss on the characteristics of a Small Scale Industries in Global business. (10 Marks)

OR

- 2 a. Describe the importance and role of Entrepreneurs in Economic Development of a Country. (10 Marks)
- b. Interf on the different scope and Feasibility studies in Business development. (10 Marks)

Module-2

- 3 a. Describe the Schemes and Marketing strategies of plant cell and tissue culture techniques. (10 Marks)
- b. What are Nutraceuticals? How Nutraceuticals had given scope since from 2020 pandemic situation worldwide? (10 Marks)

OR

- 4 a. Illustrate on the different scope and production of Value added and Herbal products. (10 Marks)
- b. With the process flow diagram, discuss on the Bioethanol production from Algal source. (10 Marks)

Module-3

- 5 a. What is Bioremediation? Explain different types of Bioremedial steps involved in Industrial Pollution Management. (10 Marks)
- b. What are SCPs? How SCPs are giving Trend growth in CAGR (Compound Annual Growth Rate) Globally. (10 Marks)

OR

- 6 a. Discuss on Probiotics and Prebiotics production and their Global Market Demand. (10 Marks)
- b. Write short note on :
 - i) Microbial Enriched Compost.
 - ii) Contact Research in Microbial Genomics. (10 Marks)

Module-4

- 7 a. Write a brief note on : i) BISEP ii) BIRAC. (10 Marks)
- b. What are Biotech Parks? Discuss on any 2 Operational Biotech Parks in India. (10 Marks)

OR

- 8 a. What are the different Network Analysis Techniques used for project work? (10 Marks)
- b. Write an different Guidelines by Planning Commission for Reporting a Project work. (10 Marks)

Module-5

- 9 a. What is EU Authorization? Explain the EU usage in the 2020 – Covid Pandemic by FDA. (10 Marks)
- b. “Ethical concerns of Biotechnology research and innovation – Interference with nature fear of Unknown”. Justify the statement of Bioethics. (10 Marks)
- OR**
- 10 a. Discuss on the Cartagena Protocol on biosafety for Institutions and Society. (10 Marks)
- b. Write short note on :
- i) FSSAI ii) AYUSH. (10 Marks)
