



CBCS SCHEME

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15BT61

Sixth Semester B.E. Degree Examination, June/July 2019

Biobusiness and Entrepreneurship

Time: 3 hrs.

Max. Marks: 80

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

Module-1

- 1 a. Discuss the SWOT analysis of Biobusiness sector from Indian context. (08 Marks)
b. Give an account of Biobusiness barriers. (08 Marks)

OR

- 2 a. What are small scale industries? List out the characteristics. (08 Marks)
b. Taking Biobusiness as an example discuss the barriers for biobusiness. (08 Marks)

Module-2

- 3 a. Plant tissue, culture unit has potential for Biobusiness sector – substantiate the statement with reasons. (10 Marks)
b. Enumerate the market potential of bioethanol and add a note on value addition for Agriculture waste. (06 Marks)

OR

- 4 a. Poly house culture technique is an attractive form for biobusiness, discuss. (08 Marks)
b. Herbal bulk drug production has high potential for Bio business – Explain. (08 Marks)

Module-3

- 5 a. Write short notes on : (08 Marks)
i) Bio remediation for industrial pollution ii) Bio pesticide production.
b. i) Discuss the business opportunity in stem cell culturing. (08 Marks)
ii) Single cell protein production as an entrepreneurship. (08 Marks)

OR

- 6 a. Highlight the business opportunity and challenges in microbe enriched compost production. (08 Marks)
b. Explain the concept of probiotic product development and discuss its market potential. (08 Marks)

Module-4

- 7 a. Give an account of operational biotech Park in India. (08 Marks)
b. Explain the different start up schemes proposed by Indian Government. (08 Marks)

OR

- 8 Give a detailed account of :
a. Principles and Technology learning , licensing and transfer. (08 Marks)
b. Project identification and selection. (08 Marks)

Module-5

- 9 a. Enumerate the Regulatory norms proposed by AYUSH for Herbal drug. (08 Marks)
b. Discuss the ethical concerns of Biotechnology Research and innovation. (08 Marks)

OR

- 10 a. Explain the role of FDA in Biotech products regulation. (08 Marks)
b. Illustrate the steps taken to ensure Biosafety concerns at the levels of individual. (08 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.