

CBCS Scheme

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15BT61

Sixth Semester B.E. Degree Examination, June/July 2018 Biobusiness and Entrepreneurship

Time: 3 hrs.

Max. Marks: 80

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

Module-1

- 1 a. Explain in detail the stages involved in entrepreneurial process. (08 Marks)
b. Explain the concept of entrepreneurship. Briefly explain the characteristics of entrepreneur. (08 Marks)

OR

- 2 a. Explain briefly the role of entrepreneur in economic development. (08 Marks)
b. What are small scale industries? Give their characteristics. (08 Marks)

Module-2

- 3 a. What are Nutraceuticals? Explain the opportunity for nutraceutical business in India. (08 Marks)
b. Explain the essential requirements in setting up of Tissue culture laboratory. (08 Marks)

OR

- 4 a. Explain briefly the marketing analysis and financial requirements considered in setting bio ethanol production using Agri waste. (08 Marks)
b. What are Biosensors? Add a note on its scope in Agriculture. (08 Marks)

Module-3

- 5 a. Analyse the challenges and scope of Integrated compost production. (08 Marks)
b. Evaluate the business opportunities in stem cell production. (08 Marks)

OR

- 6 a. What is Single cell Protein? Outline the need of SCP's and the scope of SCP production. (08 Marks)
b. What are Biopesticides? Add a note on advantages and challenges of biopesticide production. (08 Marks)

Module-4

- 7 a. What is Project Management? Explain the phases of Project Management. (08 Marks)
b. Explain the significances and methods for Network analysis. (08 Marks)

OR

- 8 a. Explain the project appraisal phase with a detailed note on feasibility study. (08 Marks)
b. Explain any 5 startup schemes launched by Indian government that are beneficial for biobusiness. (08 Marks)

Module-5

- 9 a. Discuss the salient features of Cartagena protocol on biosafety. (08 Marks)
b. Give the classification of infectious micro organism by Risk group. Explain in brief the method to assess risk. (08 Marks)

OR

- 10 a. Explain in detail about FDA. Add a note on FDA guidance and regulation. (08 Marks)
b. Write a explanatory note on FSSAI. Briefly explain the FSS Act. (08 Marks)

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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.