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18BT51

Fifth Semester B.E. Degree Examination, Jan./Feb. 2023
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.   Discuss the SWOT analysis of Biobusiness.   (10 Marks)
    b.   Elaborate the steps in the Entrepreneural process.   (10 Marks)

OR

2   a.   What are Small Scale Industries? Discuss the barriers, with a note on its importance.
                                                                                                (10 Marks)
    b.   Explain Technical and Financial Feasibility study for Biobusiness.   (10 Marks)

Module-2

3   a.   Plant cell and Tissue culture has good entrepreneurial opportunity – substantiate the statement.   (10 Marks)
    b.   With a case study, explain the role of Biosensors in Agriculture.   (10 Marks)

OR

4   a.   Polyhouse culture opens up immase opportunity in Agrientrepreneurship. Discuss with examples.   (10 Marks)
    b.   Write a note on value added Herbal products.   (10 Marks)

Module-3

5   a.   Taking a case study, explain the Entrepreneural opportunity in Bioremediation of Industrial pollutants.   (10 Marks)
    b.   What is Integrated Compost? Explain the market potential of Integrated Compost. (10 Marks)

OR

6   a.   Discuss the business opportunity in fermented probiotic products.   (10 Marks)
    b.   What is CRO? Explain business opportunity in Stem Cell Technique.   (10 Marks)

Module-4

7   a.   Give an account of Operational Biotech Parks.   (10 Marks)
    b.   Explain the Startup schemes in Indian government.   (10 Marks)

OR

8   a.   Discuss the process followed for the selection of project concept.   (10 Marks)
    b.   Elaborate the principles of Technology learning.   (10 Marks)

Module-5

9   Write short note on :
    a.   FDA   b.   FSSAI.
    c.   Ethical concerns in Biotechnology research   d.   Biosafety Management.   (20 Marks)

OR

10 a.   Discuss the role of Regulatory bodies in Biobusiness.   (10 Marks)
    b.   Elaborate the Biosafety levels in Biotechnology.   (10 Marks)

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