

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2025
(Sixth Semester)

Branch - BIOTECHNOLOGY

BUSINESS BIOTECHNOLOGY

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 The first technology incubator of Biotechnology park is located at _____.
(i) Chennai (ii) Cochin
(iii) Lucknow (iv) Bangalore
- 2 Mention the first transgenic plant used for commercial production.
(i) Potato (ii) Tobacco
(iii) Rice (iv) Tomato
- 3 Which of the following is not considered a risk in project management?
(i) Testing (ii) Specification delays
(iii) Product competition (iv) Staff turnover
- 4 Who should be involved in preparing a firm's business plan?
(i) Accountant (ii) Entrepreneur
(iii) Engineer (iv) None of the above
- 5 Nutraceutical is a food or food component that has been shown to _____.
(i) Curative effect on disease (ii) Antiaging effect
(iii) Beneficial effect on health beyond basic nutrition
(iv) Preventive effect on diseases

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Explain National Biotechnology Development Strategy.
OR
b Expand and write the benefits of BIRAC.
- 7 a Enlist the factors required in project planning for producing product.
OR
b Explain the steps involved in Project Implementation.
- 8 a Describe the role of advertising in product commercialization.
OR
b Explain and expand IRR .
- 9 a State the uses of IT in business administration.
OR
b Outline the concepts of managerial decision making.
- 10 a List out the biomedical applications of marine products.
OR
b Enlist the value added products from biotechnology.

Cont...

SECTION -C (30 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks

(5 x 6 = 30)

- 11 a List out the top pharmaceutical companies in India.
OR
b Describe about Technology Parks and Bioincubators.
- 12 a Outline the elements of a Project Proposal.
OR
b Discuss the key components of an enterprise establishment project proposal.
- 13 a Describe in detail about GST structure and its types.
OR
b Summarize the key aspects of business bioethics.
- 14 a Discuss in detail about e-business set up.
OR
b List out the Industries in the production of GM Plants.
- 15 a Outline the applications of marine biotechnology.
OR
b Elaborate the functional foods and nutraceutical.

Z-Z-Z

END