

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2023
(Sixth Semester)

Branch – BIOTECHNOLOGY

BUSINESS BIOTECHNOLOGY

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 1 = 10)

1. National Biotechnology Development Strategy 2015-2020 was unveiled on _____
(i) December 2015 (ii) December 2016
(iii) November 2015 (iv) November 2016
2. Which of the following is an advantage in food processing?
(i) Availability of seasonal food throughout the year
(ii) Removal of toxins and preserving food for longer
(iii) Adds extra nutrients to some food items
(iv) All of the mentioned above
3. Which of the following statement accurately describe different types of proposals?
(i) planning proposal offer solutions to a problem or suggestions for improvement
(ii) research proposals request approval and often funding for a study
(iii) sales proposals are marketing tools to offer a service or product
(iv) (i) & (ii)
4. The conclusion of a proposal
(i) reaffirms the need for the project (ii) induces the audience to act
(iii) is not always necessary (iv) A&B
5. The PERT in project management means program evaluation and _____ technique.
(i) resource (ii) reconciliation
(iii) reconsideration (iv) review
6. GST was implemented in India from
(i) 1st January 2017 (ii) 1st April 2017
(iii) 1st March 2017 (iv) 1st July 2017
7. Isolencine was only presented in _____.
(i) fennel (ii) clove (iii) fenugreek (iv) poppy seeds
8. What is the rank of India for transgenic plants?
(i) 1st (ii) 2nd (iii) 3rd (iv) 4th
9. The study of marine microbes is called-----
(i) marine microbiology (ii) marinology
(iii) marine bacteriology (iv) none of these
10. Which one of the food from the below is not the functional food?
(i) dietary fibre (ii) probiotics
(iii) omega 3 polyunsaturated fatty acid (iv) pills

Cont...

SECTION - B (25 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 5 = 25)

11. a. Describe NBA.
OR
b. Summerise women entrepreneurship development.
12. a. Bring out project planning in biotechnology.
OR
b. State project progress monitoring parameters.
13. a. Classify the product quality control.
OR
b. Explain on GST-types and its structure.
14. a. State the concept of managerial decision making.
OR
b. Outline the role of industries in the production of GM plants.
15. a. Narrate the principle usage of marine biotechnology products.
OR
b. Describeon functional foods and nutraceuticals.

SECTION -C (40 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 8 = 40)

16. a. Analyse food industry from the perspective on bio products
OR
b. Justify drug companies and its products based on shelf life constraint.
17. a. Analyse a project proposal for grant against angel investors.
OR
b. Enumerate statutory approval and the clearance protocal .
18. a. Summarise of the product advertisement .
OR
b. Discuss on sales tax and income tax.
19. a. Enumerate the use of IT in business performance.
OR
b. Summerize on the plant products in India.
20. a. Enumerate the microbial consortia in environmental biotechnology.
OR
b. Discuss the value addition to biotechnology products.

Z-Z-Z

END