

Exam Date & Time: 30-Sep-2020 (10:00 AM - 01:45 PM)



## PSG COLLEGE OF ARTS AND SCIENCE

Note: Writing 3hrs: Checking & Inserting Image : 30mins + Grace Time : 15mins

**BSc DEGREE EXAMINATION MAY 2020**  
(Sixth Semester)

**Branch - BIOTECHNOLOGY**  
**BUSINESS BIOTECHNOLOGY [14BTU27]**

Marks: 75

Duration: 225 mins.

### SECTION A

Answer all the questions.

- 1) What do you mean by biobusiness? (2)
- 2) Define BCIL. (2)
- 3) Specify the importance of local panchayat board. (2)
- 4) What is budget? (2)
- 5) Explain VAT. (2)
- 6) Write the different types of tax. (2)
- 7) List out any five investment opportunities. (2)
- 8) What is GM plants? (2)
- 9) Define therapeutic agents. (2)
- 10) Importance of DNA technology in drug discovery. (2)

### SECTION B

Answer all the questions.

- 11) How will you apply for the research proposal to funding agency? (5)
  - a)
  - [OR] Add a note on risk communication and its strategy with suitable example. (5)
  - b)
- 12) Explain the role of local panchayat board in project implementation. (5)

- a)  
[OR] Illustrate the significant role of IT procedure in the development of E:Business set up. (5)  
b)
- 13) Define IRR. Explain its importance in Biotechnology market. (5)
- a)  
[OR] Add a note on risk factors involved in GM plant production. (5)  
b)
- 14) What is pricing and its role in the Biotechnology market? (5)
- a)  
[OR] How pharmacological drugs can be produced in large scale using natural resource? (5)  
b)
- 15) Write about the companies involved in vaccine production in India. (5)
- a)  
[OR] Explain the plant products used in the pharmacological application. (5)  
b)

### SECTION C

**Answer 3 out of 5 questions.**

- 16) Enumerate the role of government to establish Biotechnology start up in India. (10)
- 17) Justify your view as an entrepreneur with reference to production marketing and value addition for vaccine production. (10)
- 18) Elaborate on technology parks and their role in promoting Biotechnology in India. (10)
- 19) What are the steps involved in the production of GM plants and its applications on agricultural biobusiness? (10)
- 20) Explain how clinical trials are done in pharma research. (10)

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