

**PSG COLLEGE OF ARTS & SCIENCE**  
(AUTONOMOUS)  
**BSc DEGREE EXAMINATION MAY 2019**  
(Sixth Semester)

Branch - **BIOTECHNOLOGY**

**BUSINESS BIOTECHNOLOGY**

Time : Three Hours

Maximum : 75 Marks

**SECTION-A (20 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** marks (10 x 2 = 20)

- 1 What is the vision of DBT?
- 2 Name any four biotechnology industry in India.
- 3 Define Enterprise.
- 4 Define Biotechnology.
- 5 Subsidy.
- 6 Write any two genetically modified plant products.
- 7 What is meant by Bioethics?
- 8 Income tax.
- 9 Clinical trails.
- 10 Microbial consortia.

**SECTION - B (25 Marks)**

Answer **ALL** Questions

**ALL** Questions Carry **EQUAL** Marks (5 x 5 = 25)

- 11 a Discuss about the organizational structure of DBT in brief.  
OR  
b List out the service offered by BCIL.
- 12 a Discuss about any two commercially successful biotechnology products.  
OR  
b Write a short note on preparation of a proposal for finding.
- 13 a Explain in brief about business bio ethics.  
OR  
b Write short notes on pay back period.
- 14 a Write a short note on value addition to biotechnology products  
OR  
b Discuss about the quality and quality control measures of Biotechnology products.
- 15 a Write short note on clinical trials in phema research.  
OR  
b List and discuss about microbial consortia.

**SECTION - C (30 Marks)**

Answer any **THREE** Questions

**ALL** Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 List out the pharmaceutical companies and its products in India.
- 17 What are the limitations in implementing project proposal?
- 18 Explain how Biotechnology products are advertised and marketed?
- 19 Discuss how IT plays a crucial role in Biotechnology industry.
- 20 Define vaccine and add a note on any one vaccine company in India.