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Name.....

Reg. No.....

**FIFTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION  
NOVEMBER 2023**

Biotechnology

BTY 5D 01—INTRODUCTION TO BIOTECHNOLOGY

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

**Section A**

*Write briefly on the following.*

*Each question carries 2 marks.*

*Ceiling 20 marks.*

1. What is DNA *fingerprinting* ?
2. Define biotechnology.
3. What are red wines ?
4. What is Yoghurt ?
5. What is Cider ?
6. What is terminator technology ?
7. What are super weeds ?
8. What are DNA vaccines ?
9. What is biopiracy ?
10. What is Bt ?
11. Comment on covaccine.
12. Comment on Golden rice ?

Turn over

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**Section B**

*Write a paragraph on following.*

*Each question carries 5 marks.*

*Ceiling 30 marks.*

13. Explain the application of bio-pesticides.
14. What are the applications of transgenic plants ?
15. What are the different fermented foods of India ?
16. What are the applications of DNA finger printing ?
17. What are the pros and cons of GMO ?
18. What are the different types of fermented milk products ?
19. What are the different stages in wine production ?

**Section C**

*Write an essay on the following.*

*Each question carries 10 marks.*

*Ceiling 10 marks.*

20. What are the different types of bio-fertilizers ?
21. What are the applications of biotechnology in food industry ?