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B.M.S COLLEGE FOR WOMEN
BENGALURU – 560004

I SEMESTER END EXAMINATION – JAN/FEB-2024

BIOTECHNOLOGY FOR HUMAN WELFARE
(NEP Scheme 2021-22 onwards Repeater)

Course Code: BT1OE01

Duration: 2 ½ Hours

QP Code: 1209

Max. Marks: 60

PART- A

I. Answer any four of the following

(4×2=8)

1. Name any two enzymes used in textile industry.
2. Write the steps in yoghurt making.
3. Define biomining.
4. What is bioremediation? Mention the types of bioremediation.
5. Name any two vaccines.
6. What is artificial insemination?

PART-B

II. Answer any four of the following

(4×5=20)

7. Write a brief note on industrial production of cheese.
8. Summarize the advantages of biodegradable plastics.
9. Explain the biodegradation of heavy metals.
10. Outline the effects of air pollution.
11. Mention the steps involved in animal vaccine production.
12. What is gene therapy? Explain the types.

PART-C

III. Answer any four of the following

(8×4=32)

13. What are biofuels? Give an account on Biogas.
14. How are vitamins classified? Mention the source and biological functions of Vitamin A
15. Discuss in detail the process of water treatment.
16. Explain the causes, effects and control measures of soil pollution
17. What are transgenic animals? Report its advantages and disadvantages.
18. Explain in detail the production of recombinant insulin.
