

Total number of printed pages: 2

D/5th/DFET510

2024

PROFESSIONAL PRACTICE-III

Full Marks : 100

Time : Three hours

The figures in the margin indicate full marks for the questions.

Answer any five questions.

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| 1. | a) | What is plant-based milk? Give some examples. Discuss some advantages of plant-based milk? Is there any manufacturer in India that produce plant-based milk? | 1+2+3+2=8 |
| | b) | What is organic milk? | 2 |
| | c) | What is lactose intolerance? How does it develop in a person? | 1+3=4 |
| | d) | What are the symptoms of lactose intolerance in a person? What are the alternatives for the person suffering from lactose intolerance? | 3+3=6 |
| 2. | a) | What is milk-borne disease? How are they transmitted to human? | 1+4=5 |
| | b) | How to eliminate the microorganisms responsible for causing milk-borne disease? | 5 |
| | c) | Write the characteristics of the dairy industry effluents. | 6 |
| | d) | Give the minimal standards for discharge of effluents from dairy industry according to CPCB, India. | 4 |
| 3. | a) | What is a review paper? How does a review paper differ from a research paper? | 2+2 = 4 |
| | b) | Discuss the basic rules to be followed while writing a review paper. | 14 |
| | c) | Write the name of any two journals in the area of food science and technology. | 2 |
| 4. | | Write a detail note on the hygiene and sanitation practices in meat and poultry | 20 |

industries.

5. a) What is plagiarism? Describe the various types of plagiarism in brief. 2+6=8
- b) What are the penalties for a student and academician indulged in plagiarism? 3+3=6
- c) Write four reasons of plagiarism. 4
- d) Name two plagiarism detection software. 2
7. a) Identify the author names, year of publication, volume number, issue number, page numbers, journal name and the title of the following references 7×2=14
- i) Camire, M. E., Dougherty, M. P., & Briggs, J. L. (2007). Functionality of fruit powders in extruded corn breakfast cereals. *Food Chemistry*, 101(2), 765-770.
- ii) Ruzainah, A.J., Ahmad, R., Nor, Z. and Vasudevan, R., 2009. Proximate analysis of dragon fruit (*Hyclecerus polyhizus*). *American Journal of Applied Sciences*, 6(7), pp.1341-1346.
- b) Name any two websites where you can access the scientific article or publications. 2
- c) Differentiate between summary and conclusion. 2
- d) Define citation. 2
