

(6 Pages)

Reg. No. :

Code No. : 20550 E Sub. Code : CSMI 42

B.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2023.

Fourth Semester

Microbiology

Skill Based Core — ENTREPRENEURIAL
MICROBIOLOGY

(For those who joined in July 2021 onwards)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. An individual who initiates, creates and manages a new business can be called _____
- (a) A leader (b) A manager
(c) An entrepreneur (d) A professional

2. Which could provide an individual with the motivation to start a new business venture?
- (a) The financial rewards
(b) A desire to be independent
(c) Risk-taking
(d) All the above
3. Which industrial sector tends to naturally promote small-scale businesses and entrepreneurship, and generally has lower barriers to market entry?
- (a) Service (b) Manufacturing
(c) Distribution (d) Agriculture
4. A business arrangement where one party allows another party to use a business name and sell its products or services is known as _____
- (a) A cooperative
(b) A franchise
(c) An owner-manager business
(d) A limited company

5. The use of informal networks by entrepreneurs to gather information is known as _____
- (a) Secondary research
(b) Entrepreneurial networking
(c) Informal parameters
(d) Marketing
6. Which of the following methods is mainly used to make bread?
- (a) Frying (b) Baking
(c) Steaming (d) Boiling
7. *Agaricus bisporus* belongs to family _____
- (a) Agaricaceae (b) Malvaceae
(c) Rubiaceae (d) Solanaceae
8. _____ is known as 'king oyster mushroom'.
- (a) *Pleurotus eryngii* (b) *Volveriella*
(c) *Agaricus* (d) None of the above
9. Patent is a _____
- (a) Transferable property
(b) Negotiable property
(c) Real property
(d) Non-transferable property

10. The yeast cake is stored in the refrigerator at _____
- (a) 5 - 7°C (b) 2 - 4°C
(c) 6 - 8°C (d) 8 - 10°C

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Discuss an example for entrepreneurship development.
- Or
- (b) Explain the institutions for entrepreneurship development in India.
12. (a) Write about bread leavening process.
- Or
- (b) Differentiate between yeast and leaven bread.
13. (a) Evaluate the nutritional value of mushrooms.
- Or
- (b) Summarize the medicinal importance of mushrooms.

14. (a) Explain about the patent and patenting.

Or

(b) Explain how patent is filed in India?

15. (a) Describe the popular alcoholic beverages in India.

Or

(b) Explain about Kodo ko jaanr Millet beverage.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Explain the five levels of entrepreneurial development.

Or

(b) Describe the details about the government support for entrepreneurship development.

17. (a) Explain the five types of leavening.

Or

(b) Compare the baking process of ray bread and San Francisco dough bread.

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18. (a) Formulate the ingredients for mushroom spawn production.

Or

(b) Summarize the methodology for paddy straw mushroom cultivation.

19. (a) Summarize the brief history of Paten system in India.

Or

(b) Analyze about the patent cost and a filing in India.

20. (a) Interpret the preparation of Judima drink of Assam.

Or

(b) Explain the process of wine production.

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