

MSc SEM IV Branch: IB (Food Processing and Preservation)

Sample MCQs for final examination

Subject: Food Biotechnology
Branch: IB (Food Processing and Preservation)
Semester: IV
Class: M.Sc

- Instructions: 1. All MCQ'S have to be attempted
2. Each MCQ carries 2 marks
3. Read each statement carefully and mark any one option out of the four Options that you think is the correct answer
4. No negative marking for wrong answers

1. Recombinant plasmids are added to a bacterial culture that has been pre-treated with the following in order to make them competent
- Iodine ions
 - Magnesium ions
 - Calcium ions
 - Ferric ions

Correct answer: option "c"

2. The Bt cotton plants are genetically modified by the addition of genes encoding the following
- Toxin crystals
 - Antisense RNA
 - Inhibitory proteins
 - Antibiotics

Correct answer: option "a"

3. A method of biological research in which fragments of tissue from an animal or plant are transferred to an artificial environment in which they can continue to survive and function
- Tissue culture
 - Animal culture
 - Organ culture
 - Explant culture

Correct answer: option "a"

4. The novel alpha-amylase produced by the following micro-organism is heat stable and is active over a broad range of pH
- Pseudomonas aeruginosa*
 - Bacillus subtilis*
 - Bacillus stearothermophilus*
 - Staphylococcus aureus*

Correct answer: option "c"

5. Liquid based Nanoparticle Delivery system consists of
- Nanostructured lipid carriers
 - Nanoprecipitation
 - Solid Lipid Nanoparticle system
 - Nanoparticles produced by Hot and Cold homogenization

Correct answer: option "b"

Subject: Processing of Animal Foods
Branch: IB (Food Processing and Preservation)
Semester: IV Class: M.Sc

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1. As the animal grows, the connective tissue keeps

- a) Growing
- b) Reducing
- c) Remains the same
- d) Reducing tremendously

Correct answer: option "a"

2. The process after slaughter wherein the meat is stored until the muscles gradually recover their extensibility and become more tender through partial enzymatic breakdown of the muscles fibres is termed as

- a) Ripening
- b) Legging
- c) Sticking
- d) Stunning

Correct answer: option "a"

3. The cloudy appearance of the egg albumen is due to the presence of

- a) Carbon-dioxide
- b) Oxygen
- c) Nitrogen
- d) Helium

Correct answer: option "a"

4. One of the following is not a step in Fish meal processing

- a) Pressing
- b) Drying
- c) Cooking
- d) Casing

Correct answer: option "d"

5. The cream which is obtained by acidifying cream, reconstituted cream or recombined cream, or any combination of these, by the action of acids or acidity regulators, or both to achieve a reduction of pH with or without coagulation is called as

- a) Cultured cream
- b) Acidified cream
- c) Whipped cream
- d) Malai

Correct answer: option "b"

Subject: Entrepreneurship in Food industries.
Branch: IB Food Processing and Preservation
Semester: 4 Class: MSc

- Instructions: 1. All MCQ'S have to be attempted
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3. Read each statement carefully and mark any one option out of the four Options that you think is the correct answer
4. No negative marking for wrong answers

1. This concept is important, particularly when market competition is severe.
- Marketing Concept
 - Societal Marketing concept
 - Selling Concept.
 - Product concept

Correct answer: option "c"

2. How much a company is supposed to spend on CSR
- 2 per cent of its average net profit of the preceding three years
 - 3 per cent of its average net profit of the preceding three years
 - 2 per cent of its average net profit of the preceding two years
 - 3 per cent of its average net profit of the preceding two years

Correct answer: option "a"

3. Jack Ma founded Alibaba at what age
- 31**
 - 33**
 - 35**
 - 40**

Correct answer: option "c"

4. If a business considers where the consumers are and who they are before selecting a channel of distribution, the business is considering the _____ factor. Uneven
- Human
 - Promotion
 - Market
 - Sales

Correct answer: option "c"

5. During project selection, the project that has _____ is chosen.
lower opportunity cost
- lower opportunity cost
 - higher opportunity cost
 - equal opportunity
 - both b and c

Correct answer: option "a"

Subject: Food Psychology
Branch IB: Food Processing and Preservation
Semester: IV Class: M.Sc.

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1. Which of the following models assume that humans are rational beings who always carry out their intentions?
- a. Stages of change model
 - b. Transtheoretical model
 - c. Theory of planned behaviour
 - d. Implementation Intention
- Correct answer: option "c"**

2. Stages of Change was given by which of the following?
- a. DiClemente & Prochaska
 - b. Armitage & Conner
 - c. Fila & Smith
 - d. Povey et al.
- Correct answer: option "a"**

3. Which gene has been found to be responsible for variance in bitter taste perception?
- a. MC4R
 - b. TAS2R38
 - c. FTO
 - d. GAD2
- Correct answer: option "b"**

4. Consumer perceptions regarding this element of packaging could change the perceived quality of a product, name the element?
- a. Material
 - b. Graphic
 - c. Colour
 - d. Design
- Correct answer: option "a"**

5. Which theory of motivation proposes that motivation is not always or only internally driven, but also driven by external stimuli and an external goal has the potential to motivate behaviour where products and brands can be considered as external stimuli?
- a. Instinct theory
 - b. Drive reduction theory
 - c. Theory of optimal arousal
 - d. Incentive theory
- Correct answer: option "d"**