

DO NOT BREAK THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO**SERIES : I****QUESTION BOOKLET****Subjects : General English & General Knowledge and
Food Safety Standards & Nutrition****Full Marks : 300****Time Allowed : 2½ Hours***Read the following instructions carefully before you begin to answer the questions.***INSTRUCTIONS TO CANDIDATES**

1. This Booklet contains **150 questions** to be answered in a separate OMR Answer Sheet using Black Ballpoint Pen in the following two Parts :

Part—A : General English & General Knowledge : 50 questions

Part—B : Food Safety Standards & Nutrition : 100 questions

2. All questions are compulsory.
3. You will be supplied the Answer Sheet separately by the Invigilator. You must complete the details of particulars asked for.
4. Answer must be shown by completely blackening the corresponding circle in the Answer Sheet against the relevant question number by Black Ballpoint Pen. OMR Answer Sheet without marking Series shall not be evaluated.

Example :

Suppose the following question is asked :

The Capital of Meghalaya is

- (A) Guwahati
(B) Kohima
(C) Shillong
(D) Delhi

You will have four alternatives in the Answer Sheet for your response corresponding to each question of the Question Booklet as below :

(A) (B) (C) (D)

In the above illustration, if your chosen response is alternative (C), i.e., Shillong, then the same should be marked on the Answer Sheet by blackening the relevant circle with a Black Ballpoint Pen only as below :

(A) (B) (C) (D)

The example shown above is the only correct method of answering.

5. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any one question.
6. There will NOT be any negative marking for wrong answers.
7. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
8. No Rough Work is to be done on the Answer Sheet. Space for Rough Work has been provided in the Question Booklet.

PART—A : GENERAL ENGLISH & GENERAL KNOWLEDGE

(Marks : 100)

Each question carries **2** marks

Directions (Q. Nos. 1–5) :

Choose the correct sentences.

1. i. This bed is too soft.
ii. This bed is so soft.
iii. This bed is to soft.
(A) i and ii
(B) i and iii
(C) ii and iii
(D) i, ii and iii
2. i. She is a great actress.
ii. She is a well-known actress.
iii. She is a renowned actress.
(A) i and ii
(B) i and iii
(C) ii and iii
(D) i, ii and iii
3. i. No one is at home.
ii. There is nobody at home.
iii. None are at home.
(A) i and ii
(B) i and iii
(C) ii and iii
(D) i, ii and iii
4. i. He does not like apples.
ii. He dislikes apples.
iii. He isn't liking apples.
(A) i and ii
(B) i and iii
(C) ii and iii
(D) i, ii and iii

5. i. He is so fat that he cannot jump.
ii. He is fat to jump.
iii. He is too fat to jump.
(A) i and ii
(B) i and iii
(C) ii and iii
(D) i, ii and iii

Directions (Q. Nos. 6–15) :

Choose the correct meaning for the words or phrases given below.

6. A collection of historical documents or records providing information about a place, institution or group of people
(A) Archive (B) Museum
(C) Library (D) Register
7. Alchemy
(A) A form of Physics
(B) A form of Biology
(C) A form of Chemistry
(D) A form of Geography
8. Spoken or done without preparation
(A) Sudden (B) On the spot
(C) Extempore (D) Blindly
9. A remedy for all diseases
(A) Antidote (B) Anecdote
(C) Panacea (D) Medicine
10. A news article that reports the death of a person
(A) Notice (B) Advertisement
(C) Bulletin (D) Obituary

11. A speech delivered for the first time in an Assembly
 (A) Debut (B) Maiden
 (C) Inaugural (D) Initiatory
12. Pseudonym
 (A) Real name (B) Pet name
 (C) Namesake (D) Pen name
13. Incapable of being read
 (A) Illiterate (B) Blind
 (C) Illegible (D) Difficult
14. The life history of a person written by himself
 (A) Biography (B) History
 (C) Memoir (D) Autobiography
15. Several fish swimming together
 (A) Bunch (B) Horde
 (C) Swarm (D) Shoal
19. To _____ is human, to forgive divine.
 (A) make mistake
 (B) fall
 (C) err
 (D) fail
20. _____ the noise, the boy woke up.
 (A) Hear (B) Hearing
 (C) Heard (D) Hears
21. You must reap what you have _____.
 (A) sown (B) grown
 (C) sow (D) grow
22. To _____ should I give this letter?
 (A) who (B) whom
 (C) what (D) whose
23. _____ being hardworking, he is thoroughly honest.
 (A) Although
 (B) For
 (C) Over and above
 (D) In spite of

Directions (Q. Nos. 16–25) :

Choose the correct option to fill in the gaps.

16. He is neither hungry _____ thirsty at the moment.
 (A) or (B) nor
 (C) but (D) and
17. No one of these boys _____ present then.
 (A) was (B) were
 (C) are (D) is
18. I prefer tea _____ coffee.
 (A) or (B) than
 (C) to (D) with
24. He walked _____, meditating.
 (A) to and fro
 (B) forward and backward
 (C) up and down
 (D) side to side
25. I will sit _____ my desk to do my work.
 (A) on (B) at
 (C) by (D) in

26. Which is the currency of Indonesia?
 (A) Krona (B) Som
 (C) Peso (D) Rupiah
27. Where is the Headquarters of the World Anti-Doping Agency (WADA) situated?
 (A) Rome, Italy
 (B) Beijing, China
 (C) London, UK
 (D) Montreal, Canada
28. Brass gets discoloured in air because of the presence of which of the following gases in air?
 (A) Oxygen
 (B) Hydrogen sulphide
 (C) Carbon dioxide
 (D) Nitrogen
29. The concept of differential heating was primarily used to explain which of the following geographical phenomena in India?
 (A) Monsoon
 (B) Jet streams
 (C) Cyclones
 (D) Desert storms
30. Potassium permanganate is used for purifying drinking water, because
 (A) it is a sterilizing agent
 (B) it dissolves the impurities of water
 (C) it is a reducing agent
 (D) it is an oxidizing agent
31. What is the unit for measuring the amplitude of a sound?
 (A) Decibel
 (B) Coulomb
 (C) Hum
 (D) Cycles
32. Who invented the Ballpoint Pen?
 (A) Biro Brothers
 (B) Waterman Brothers
 (C) Wright Brothers
 (D) Big Brothers
33. The minimum age to qualify for election to the Lok Sabha is
 (A) 35 years
 (B) 25 years
 (C) 21 years
 (D) 18 years
34. The Preamble declares India as a Sovereign State which implies
 (A) India is free to conduct her internal affairs
 (B) India is free to conduct her external affairs
 (C) India is free to conduct her internal as well as external affairs
 (D) None of the above
35. Tipu Sultan was the ruler of
 (A) Hyderabad (B) Madurai
 (C) Mysore (D) Vijayanagar
36. The Reserve Bank of India was nationalized in the year
 (A) 1952 (B) 1945
 (C) 1949 (D) 1969
37. *Alice in Wonderland*, the famous TV serial, is based on a book written by
 (A) Father Discoste
 (B) Thomas Hardy
 (C) Charles Dickens
 (D) Lewis Carroll

38. The programme, 'Gyan Vani' is broadcasted by
 (A) Zee TV (B) AIR
 (C) Sony TV (D) Doordarshan
39. The name of Pierre Cardin is associated with which of the following fields?
 (A) Painting
 (B) Pop films
 (C) Music
 (D) Fashion Designing
40. The Central Rice Research Institute is located at
 (A) Cuttack (B) Rajahmundry
 (C) Patna (D) Shillong
41. Which country has the highest density of population among the following?
 (A) Singapore (B) Bangladesh
 (C) India (D) Bahrain
42. Fiscal deficit in the Union Budget means
 (A) the difference between current expenditure and current revenue
 (B) net increase in Union Government's borrowings from the Reserve Bank of India
 (C) the sum of budgetary deficit and net increase in internal and external borrowings
 (D) the sum of monetized deficit and budgetary deficit
43. Foreign Direct Investment ceilings in the telecom sector have been raised from 74 percent to
 (A) 80 percent (B) 85 percent
 (C) 90 percent (D) 100 percent
44. Who is the author of the book, *Nineteen Eighty-Four*?
 (A) Thomas Hardy
 (B) Emile Zola
 (C) George Orwell
 (D) Walter Scott
45. Who is the first Indian Female Gymnast ever to compete in the Olympics?
 (A) Lovlina Borgohain
 (B) Dipa Karmakar
 (C) Karnam Malleswari
 (D) Nilima Ghose
46. The largest source of power generation in India is
 (A) thermal
 (B) hydro
 (C) nuclear
 (D) non-conventional forms
47. Which is known as the 'City of Seven Islands'?
 (A) Port Blair (Andaman & Nicobar)
 (B) Tokyo (Japan)
 (C) Mumbai (Maharashtra)
 (D) Helsinki (Finland)
48. Moradabad in Uttar Pradesh is known for which industry?
 (A) Brass utensils
 (B) Cotton textile
 (C) Sugarcane industry
 (D) Locomotive industry
49. The disease filariasis is transmitted by
 (A) bacteria (B) protozoa
 (C) mosquito (D) virus
50. The ratio of width of our National Flag to its length is
 (A) 3 : 5 (B) 2 : 3
 (C) 2 : 4 (D) 3 : 4

PART—B : FOOD SAFETY STANDARDS & NUTRITION

(Marks : 200)

Each question carries 2 marks

51. Which of the following is a foodborne pathogen?
(A) Salmonella
(B) Lactobacillus
(C) Both (A) and (B)
(D) None of the above
52. HACCP stands for
(A) Hazard Analysis and Compliance Control Points
(B) Hazard Analysis and Critical Control Points
(C) Hazard Assessment and Compliance Control Points
(D) Hazard Assessment and Critical Control Points
53. Vitamin C deficiency causes
(A) rickets
(B) pellagra
(C) scurvy
(D) night blindness
54. 'Low fat' on a label generally means
(A) no fat at all
(B) less than 3 g of fat per serving
(C) less than 5 g of fat per serving
(D) less than 10 g of fat per serving
55. Sucrose is a
(A) monosaccharide
(B) disaccharide
(C) polysaccharide
(D) None of the above
56. The Codex Alimentarius Commission is a body established by
(A) FAO and WHO
(B) FSSAI
(C) USDA
(D) ISO
57. The Maillard reaction is associated with
(A) caramelization of sugar
(B) formation of fats
(C) browning of food during cooking or processing
(D) proteins breaking down in the stomach
58. Which of the following is a major source of dietary fibre?
(A) Vegetables
(B) Meat
(C) Spices
(D) Milk
59. The common adulterant found in chili powder is
(A) brick dust
(B) sodium bicarbonate
(C) starch
(D) iodine
60. The maximum permissible limit of lead in food items, as per the FSSAI, is
(A) 0.01 p.p.m.
(B) 0.02 p.p.m.
(C) 0.1 p.p.m.
(D) 0.2 p.p.m.

61. Foodborne pathogen commonly associated with dairy product is
- Listeria monocytogenes*
 - Escherichia coli* O157:H7
 - Bacillus anthracis*
 - Lactobacillus acidophilus*
62. Which of the following foods is rich in folic acid?
- Beef
 - Spinach
 - Pea
 - Pork
63. Which of the following is a good source of potassium?
- Apple
 - Banana
 - Cucumber
 - Watermelon
64. The chemical formula of lactose is
- $C_{12}H_{22}O_{11}$
 - $C_{12}H_{22}O_{11}$
 - $C_{12}H_{23}O_{34}$
 - $C_{12}H_{13}O_{14}$
65. The process of turning sugar into alcohol is termed as
- glycolysis
 - alcoholysis
 - hydrolysis
 - fermentation
66. FSSAI operates under
- the Ministry of Health and Family Welfare
 - the Ministry of Agriculture and Farmer Welfare
 - the Ministry of Food Processing Industries
 - None of the above
67. What is used to adulterate groundnut oil?
- Castor oil
 - Argemone oil
 - Mustard oil
 - Olive oil
68. Which of the following is the best source of omega-3 fatty acids?
- Flax seed
 - Pumpkin seed
 - Sunflower seed
 - Cucumber seed
69. Which virus is commonly transmitted through contaminated food or water?
- Hepatitis A virus
 - Hepatitis B virus
 - Hepatitis C virus
 - Hepatitis D virus
70. Fats when fully hydrogenated form
- saturated fat
 - unsaturated fat
 - monounsaturated fat
 - polyunsaturated fat
71. Which milk has the lowest amount of fat?
- Whole milk
 - Skim milk
 - Low fat milk
 - Reduced fat milk

72. Chapter III of the Food Safety and Standards Act, 2006 relates to
 (A) enforcement of the Act
 (B) analysis of food
 (C) general principles of food safety
 (D) None of the above
73. The heavy metal most commonly associated with contamination in seafood is
 (A) arsenic (B) mercury
 (C) copper (D) zinc
74. Which of the following methods of food preservation is known to have the longest shelf life?
 (A) Drying (B) Refrigeration
 (C) Canning (D) Salting
75. The most common waterborne pathogen is
 (A) *Escherichia coli* O157:H7
 (B) *Salmonella typhi*
 (C) Coliform
 (D) *Staphylococcus*
76. Which type of water is preferred for food processing to ensure food safety?
 (A) Distilled water
 (B) Soft water
 (C) Potable water
 (D) UV-treated water
77. Dry foods like cereals must be stored in airtight containers to
 (A) prevent moisture absorption
 (B) prevent oxidation
 (C) Both (A) and (B)
 (D) None of the above
78. Microorganisms that grow at refrigeration temperatures are termed as
 (A) thermophiles
 (B) mesophiles
 (C) halophiles
 (D) psychrotrophs
79. What is the logo for fortified food products in India?
 (A) An 'F+' mark inside a triangle
 (B) An 'F+' mark inside a circle
 (C) An 'F+' mark inside a rectangle
 (D) An 'F+' mark inside a square
80. Which certification mark is used in India to label organic food products?
 (A) Organic India
 (B) AGMARK
 (C) BIS
 (D) Jaivik Bharat
81. The gas commonly used in Modified Atmosphere Packaging (MAP) is
 (A) nitrogen dioxide
 (B) ethylene oxide
 (C) hydrogen dioxide
 (D) oxygen
82. The main purpose of blanching vegetables before freezing is to
 (A) decontaminate vegetable
 (B) soften the vegetable
 (C) destroy pests
 (D) inactivate enzyme

83. Proteins are mainly required by the body for
- growth and repair of tissues
 - bone strengthening
 - providing energy
 - muscle formation
84. Fresh oils have a peroxide value below
- 5 mEq/kg
 - 10 mEq/kg
 - 15 mEq/kg
 - 20 mEq/kg
85. Aflatoxin is classified as a
- bacterial toxin
 - neurotoxin
 - mycotoxin
 - hemotoxin
86. The Prevention of Food Adulteration Act was enacted in the year
- 1944
 - 1954
 - 1964
 - 1974
87. Which State topped the State Food Safety Index, 2024 released by the FSSAI?
- Tamil Nadu
 - Kerala
 - Gujarat
 - Punjab
88. Which of the following is a fat-soluble vitamin?
- Retinol
 - Biotin
 - Riboflavin
 - Niacin
89. The crispness of potato chips is due to their low
- thermal conductivity
 - oil viscosity
 - moisture content
 - specific gravity
90. DDT is grouped under which class of pesticide?
- Carbamates
 - Organochlorines
 - Organophosphates
 - Pyrethroids
91. Agar is most commonly used in food as a
- flavouring agent
 - stabilizing agent
 - gelling agent
 - colouring agent
92. Lactose present in milk is a type of
- vitamin
 - protein
 - carbohydrate
 - fat
93. Which microorganism helps ferment milk?
- Streptococcus thermophilus*
 - Lactobacillus casei*
 - Bifidobacterium bifidum*
 - All of the above
94. In how many days should an application for FSSAI license renewal be made before its expiry?
- 15 days
 - 30 days
 - 60 days
 - 90 days

95. The FSS (Food Products and Food Additives) Regulations, 2011 came into force on
 (A) 5th June, 2011
 (B) 5th July, 2011
 (C) 5th August, 2011
 (D) 5th September, 2011
96. Which type of oil blending is prohibited under the FSS (Prohibition and Restriction on Sales) Regulations, 2011?
 (A) Sesame oil
 (B) Mustard oil
 (C) Olive oil
 (D) Sunflower oil
97. The permissible limit of Aflatoxin M1 in milk, as per the FSS (Contaminants, Toxins and Residues) Regulations, 2011, is
 (A) 0.5 µg/kg
 (B) 0.3 µg/kg
 (C) 0.1 µg/kg
 (D) None of the above
98. As per the FSS (Laboratory and Sample Analysis) Regulations, 2011, the approximate quantity of carbonated water to be supplied is
 (A) 500 ml (B) 1 litre
 (C) 2 litres (D) 3 litres
99. As per the FSS (Food Recall Procedure) Regulations, 2017, who is primarily responsible for initiating a food recall?
 (A) Food Safety Officer
 (B) Food Business Operator
 (C) Food Inspector
 (D) State Government
100. As per the FSS (Alcoholic Beverages) Regulations, 2018, the maximum permissible limit of yeast in strong beer is
 (A) absent/ml (B) 10 cfu/ml
 (C) 50 cfu/ml (D) 100 cfu/ml
101. As per the FSS (Fortification of Foods) Regulations, 2018, vegetable oil shall be fortified with
 (A) vitamins A and B
 (B) vitamins A and C
 (C) vitamins A and D
 (D) vitamins A and E
102. As per the FSS (Foods for Infant Nutrition) Regulations, 2020, packaging material used for products shall be free from
 (A) Bisphenol A (B) Bisphenol F
 (C) Bisphenol S (D) Bisphenol AF
103. As per the FSS (Packaging) Regulations, 2018, printing inks for use on food packages shall conform to
 (A) IS : 14720 (B) IS : 15495
 (C) IS : 16815 (D) IS : 17119
104. The consistency and stability of dough can be measured with
 (A) Duograph
 (B) Farinograph
 (C) Chronograph
 (D) Monograph
105. Rancidity in sunflower oil is due to
 (A) dehydrogenation
 (B) peroxidation
 (C) oxidation
 (D) combustion

- 106.** 1 kilocalorie is equal to
 (A) 4184 joule
 (B) 4284 joule
 (C) 4384 joule
 (D) 4484 joule
- 107.** The Meat Food Products Order, 1973 was promoted under the
 (A) Right to Food Act, 1947
 (B) Essential Food Act, 1952
 (C) Essential Commodities Act, 1955
 (D) Consumer Protection Act, 1986
- 108.** According to the FSS Act, the full form of COA is
 (A) Certificate of Authority
 (B) Certificate of Assessment
 (C) Certificate of Authenticity
 (D) Certificate of Analysis
- 109.** FoSTaC stands for
 (A) Food Safety Training and Certification
 (B) Food Security Training and Certification
 (C) Food Standards Training and Certification
 (D) Food Sustainability and Training Certification
- 110.** MMPO stands for
 (A) Meat and Meat Product Order
 (B) Milk and Milk Product Order
 (C) Milk and Meat Product Order
 (D) Meat and Milk Product Order
- 111.** The reaction between amino acid and reducing sugar is known as
 (A) sugar inversion
 (B) enzymatic browning
 (C) Maillard reaction
 (D) neutralization reaction
- 112.** The primary enzyme used in meat tenderization is
 (A) amylase (B) lipase
 (C) ligase (D) papain
- 113.** Which of the following acids is used in non-fruit beverages?
 (A) Phosphoric acid
 (B) Acetic acid
 (C) Boric acid
 (D) None of the above
- 114.** The sweetest natural sugar is
 (A) glucose (B) fructose
 (C) sucrose (D) maltose
- 115.** Sugar-free product means
 (A) no sugar per 100 g
 (B) less than 0.2 g of sugar per 100 g
 (C) less than 0.5 g of sugar per 100 g
 (D) less than 1 g of sugar per 100 g
- 116.** The preservation technique using radiation is also known as
 (A) gamma sterilization
 (B) X-ray sterilization
 (C) ion sterilization
 (D) cold sterilization

117. Which of the following is **not** a permitted food additive?
 (A) Sodium benzoate
 (B) Sorbic acid
 (C) Tartrazine
 (D) Rhodamine
118. In which part of the cereal grain, protein and fat content is maximum?
 (A) Germ (B) Endosperm
 (C) Bran (D) Seed coat
119. Which of the following compounds is commonly used as a preservative in fruit juices?
 (A) Hydrogen peroxide
 (B) Calcium carbonate
 (C) Sodium benzoate
 (D) Propylene glycol
120. Soxhlet method is used for the determination of
 (A) protein content
 (B) fat content
 (C) fiber content
 (D) oil content
121. The protein of egg white known for its antibiotic activity is
 (A) Ovalbumin (B) Albumin
 (C) Lysozyme (D) Avidin
122. Bread staling is caused by
 (A) moisture evaporation
 (B) yeast and mold contamination
 (C) starch retrogradation
 (D) sugar breakdown
123. Carboxymethyl cellulose is used in food products as a/an
 (A) preservative agent
 (B) antimicrobial agent
 (C) colouring agent
 (D) thickening agent
124. The primary food constituent that causes astringency is
 (A) flavonoid (B) lignan
 (C) stilbene (D) tannin
125. ISO 9001:2008 has how many clauses?
 (A) 6 (B) 7
 (C) 8 (D) 9
126. Which Clause of ISO/IEC 17025 deals with sampling and test methods?
 (A) Clause 4 : General requirements
 (B) Clause 5 : Laboratory requirements
 (C) Clause 6 : Analysis requirements
 (D) Clause 7 : Process requirements
127. According to FSSAI Manual for meat and meat products, which of the following is **not** a tested parameter?
 (A) Determination of total fat
 (B) Determination of total protein
 (C) Determination of agar
 (D) Determination of vitamin
128. According to the FSSAI Manual for fish and fish products, which of the following categories is foreign matter?
 (A) Filth
 (B) Parasite
 (C) Shellbit
 (D) All of the above

129. According to the FSSAI Manual for water, the colour of a sample can be measured by visual comparison with
- platinum-cobalt standards
 - silver-chlorine standards
 - chlorine-magnesium standards
 - calcium-magnesium standards
130. According to the FSSAI Manual for honey and other beehive products, honey is ashed at a temperature of
- $500 \pm 20^\circ\text{C}$
 - $600 \pm 20^\circ\text{C}$
 - $700 \pm 20^\circ\text{C}$
 - $900 \pm 20^\circ\text{C}$
131. What type of chemical reaction is saponification?
- Hydrolysis
 - Substitution
 - Addition
 - Combustion
132. Which of the following is **not** a chlorinated pesticide?
- Chlordane
 - Chlorpyrifos
 - Heptachlor
 - Parathion
133. Which method is most commonly used to determine protein content in food?
- Soxhlet method
 - Kjeldahl method
 - Titration
 - None of the above
134. In the context of food, RDA stands for
- Required Dietary Allowance
 - Required Daily Allowance
 - Recommended Dietary Allowance
 - Recommended Daily Allowance
135. What does ISO 22000 stand for?
- Food Safety Management System
 - Quality Management System
 - General Requirements for the Competence of Testing and Calibration Laboratories
 - Sustainable Procurement
136. What does ISO 17025 stand for?
- Food Safety Management System
 - Quality Management System
 - General Requirements for the Competence of Testing and Calibration Laboratories
 - Sustainable Procurement
137. What does ISO 9001 stand for?
- Quality Management System
 - Food Safety Management System
 - Food Laboratory Management System
 - Audit Management System
138. The Atwater factor for protein is
- 1 kcal/g
 - 4 kcal/g
 - 10 kcal/g
 - 25 kcal/g
139. What does BMR refer to in nutrition?
- Basic Metabolism Rate
 - Basal Metabolic Rate
 - Biological Metabolism Rate
 - Biological Mineral Reserve
140. Ash content in food indicates
- total energy content
 - total protein content
 - total mineral content
 - total fat content

141. The Dumas method is used to analyse
- oxygen content
 - nitrogen content
 - carbon dioxide content
 - argon content
142. The main source of dietary energy is
- proteins
 - carbohydrates
 - fats
 - vitamins
143. Vitamin B12 is also known as
- folate
 - tocopherol
 - cobalamin
 - phyloquinone
144. Which of the following is a water-soluble vitamin?
- Thiamin
 - Riboflavin
 - Niacin
 - All of the above
145. Which of the following is a micro-nutrient?
- Carbohydrate
 - Lipid
 - Vitamin
 - Protein
146. A food claiming to be 'high fiber' must contain at least
- 5 g of fiber per serving
 - 10 g of fiber per serving
 - 15 g of fiber per serving
 - None of the above
147. Trans fats are type of
- saturated fatty acid
 - essential fatty acid
 - cyclopropane fatty acid
 - None of the above
148. As per the FSSAI Regulations, which of the following preservatives is allowed in milk?
- Sodium benzoate
 - Formalin
 - Sorbic acid
 - None of the above
149. According to the FSSAI Manual for cereal and cereal products, the calculation for determination of mineral matter is
- Foreign matter (%) = $\frac{\text{Mass of extraneous matter}}{\text{Mass of sample}} \times 100$
 - Inorganic matter (%) = $\frac{\text{Mass of inorganic residue}}{\text{Mass of sample}} \times 100$
 - Mineral matter (%) = $\frac{\text{Mass of inorganic matter}}{\text{Mass of sample}} \times 100$
 - Mineral matter (%) = $\frac{\text{Mass of extraneous matter}}{\text{Mass of sample}} \times 100$
150. What is the primary microbial concern in canned foods?
- Clostridium botulinum*
 - Escherichia coli* O157:H7
 - Listeria monocytogenes*
 - Sulphite-reducing clostridia