

Section 1 - Section 1

Question No.1

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Bookmark

In the construction of laminated packaging material used for aseptic packaging which one of the following is correct sequence of laminate.

- Polyethylene/duplex paper/polyethylene/ aluminium foil/ printing ink /polyethylene
- Polyethylene/printing ink/ polyethylene/ duplex paper/aluminium foil/polyethylene
- Polyethylene/ duplex paper/polyethylene/ printing ink/aluminium foil/polyethylene
- Polyethylene/printing ink/duplex paper/polyethylene/ aluminium foil/polyethylene

Question No.2

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Bookmark

Which one of the microorganisms given below is *not responsible* for ropy or stringy fermentation of milk?

- Streptococcus lactis*
- Streptococcus cremoris*
- Enterobacter aerogenes*
- Alcaligenes viscolactis*

Question No.3

4.00

Bookmark

Correct the error in the italicized part of the sentence by choosing the most appropriate option. Whenever the two sisters *go out for shopping*, they take their pet dog with them.

- go out shopping
- go out of shopping
- go out to shopping
- go out on shopping

Question No.4

4.00

Bookmark

Which method creates free radicals in food that can destroy cell membranes, attack DNA and proteins, thus preventing microorganism growth

- Sterilization
- Plasmolysis
- Pasteurization
- Irradiation

Question No.5

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Pasteurization by radiation in food is called

- Radurization
- Radappertization
- Radicidation
- Cold sterilization

Question No.6

4.00

Bookmark

Which one of the following microorganisms is used in the preparation of bread?

- Saccharomyces cerevisiae*
- Saccharomyces bayanus*
- Saccharomyces cevarum*
- Saccharomyces boullardii*

Question No.7

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Bookmark

Choose the best antonym of the italicized word.

The task assigned to him was *arduous*.

- easy
- absorbing
- plain
- good

Question No.8

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Bookmark

Green color of the whey is due to

- Riboflavin
- Niacin
- Chlorophyll
- Chlorophyceae

Question No.9

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Based on the information given, answer the below question.

1. A,B,C,D,E and F are travelling in a bus.
2. There are two reporters, two mechanics, one photographer and one writer in the group.
3. Photographer A is married to D who is a reporter.
4. The writer is married to B who is of the same profession as that of F.
5. A,B,C,D are two married couples and no one in this belong to the same profession.
6. F is the brother of C.

Which of the following is the pair of reporters?

- Cannot be determined
- DE
- AE
- DF

Question No.10

4.00

Bookmark

Which of the followings are carotenoid terpenoids?

- Terpene, perillyl alcohol
- Lycopene, zeaxanthin
- Terpene, limonoids
- Saponins, terpenol

Question No.11

4.00

Bookmark

Fractional sterilization means

- Incineration
- Tyndallisation.
- Membrane filtration
- Radiation sterilization

Question No.12

4.00

Bookmark

A psychrophilic halophile would be a microbe that prefers

- Warm temperatures and increased amounts of acid
- Cold temperatures and increased amounts of salt
- Cold temperatures and the absence of oxygen
- Warm temperatures and increased amounts of pressure

Question No.13

4.00

Bookmark

Study the following information carefully and answer the question below it:

Aasha, Bhuvnesh, Charan, Danesh, Ekta, Farhan, Ganesh and Himesh are sitting around a circle, facing the centre. Aasha sits fourth to the right of Himesh while second to the left of Farhan. Charan is not the neighbour of Farhan and Bhuvnesh. Danesh sits third to the right of Charan. Himesh never sits next to Ganesh.

Who is to the immediate left of Aasha?

- Aasha
- Ganesh
- Bhuvnesh
- Charan

Question No.14

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Which of the natural antimicrobial found in Egg

- Allicin
- Avidin
- Lysozyme
- Eugenol

Question No.15

4.00

Bookmark

X is twice as good a workman as Y and together they finish a piece of work in 18 days. In how many days will X alone finish the work?

- 28
- 25
- 27
- 26

Question No.16

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Bookmark

Lister monocytogenes can grow at temperature as low as

- 12°C
- 4°C
- 7°C
- 15°C

Question No.17

4.00

Bookmark

Choose the best synonym of the italicized word.

Reena has an *insatiable* love for music.

- irreconcilable
- unchanging
- unquenchable
- undesirable

Question No.18

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The SI unit of overall heat transfer coefficient is

- WK/ m²
- W/m² K
- Wm²/ K
- m²/s

Question No.19

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Bookmark

Which of the following is not element of ISO 22000

- HACCP principle
- System Management
- Product specification
- Pre-requisite program

Question No.20

4.00

Bookmark

Amla products are difficult to preserve due to

- Delicate flavor
- High acidity
- Non-enzymatic browning
- Astringent taste

Question No.21

4.00

Bookmark

The National Codex Contact Point (NCCP) for India is at

- Food Safety and Standards Authority of India, Delhi
- Ministry of Health and Family welfare
- Ministry of commerce
- FDA

Question No.22

4.00

Bookmark

Codex Alimentarius Commission is formed by

- FAO & FDA
- FAO & WHO
- USA & FAO
- FDA & WHO

Question No.23

4.00

Bookmark

Dual action oxygen scavenger/carbon dioxide emitter sachets contains

- Kmn₄
- NaOH pellets and citric acid crystals
- Ferrous carbonate and a metal halide
- Sodium chloride and sugar

Question No.24

4.00

Bookmark

The step at which control can be applied and is essential to prevent or eliminate a food safety hazards or reduce it to an acceptable level is

- Critical limit
- OPRPs
- PRPs
- CCP

Question No.25

4.00

Bookmark

----- is not a true filtration process , because the separation is not solely based on particle size

- Microfiltration
- Distillation
- Reverse osmosis
- Ultrafiltration

Question No.26

4.00

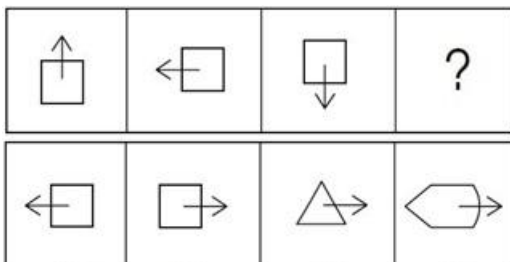
Bookmark

If Milk is water, water is sugar, sugar is road, road is sky and sky is track where do aeroplanes fly?

- Road
- Sugar
- Sky
- Milk

Question No.27

4.00

Bookmark 

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

- D
- B
- C
- A

Question No.28

4.00

Bookmark

Bristle : Brush

- Stage: Chairs
- Art: Sculpture
- Arm : Leg
- Key: Piano

Question No.29

4.00

Bookmark

When biological contaminant such as salmonella is not allowed in a food product like Ready-to-eat products, it is called a ----- policy.

- Zero
- Zero tolerance
- Sterile
- Absolute

Question No.30

4.00

Bookmark

As a country, the United States is _____ that there are five time zones.

- much big
- very big
- too big
- so big

Question No.31

4.00

Bookmark

Twin screw extruders are generally categorized according to the

- Direction of screw rotation
- Weight of screw
- Length of the screw
- Diameter of the screw

Question No.32

4.00

Bookmark

Vitamin D, (cholecalciferol) is converted into

- 25-hydroxycholecalciferol in the kidney.
- 1,25-dihydroxycholecalciferol in the kidney.
- 25-hydroxycholecalciferol in the liver.
- 1-hydroxycholecalciferol in the liver.

Question No.33

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The chief amino acid exclusively present in tea is

- Theaflavin
- Caffeine
- Thearubigin
- Theanine

Question No.34

4.00

Bookmark

Maillard reaction is due the involvement of

- Sugar and amino acid
- Sugar and vitamins
- Fat and sugar
- Fat and amino acid

Question No.35

4.00

Bookmark

The mother gripped her child's arm _____ he be trampled.

- lest
- if not
- if
- unless

Question No.36

4.00

Bookmark

Study the following information carefully and answer the question below it

The Director of an MBA college has decided that six guest lectures on the topics of Motivation, Decision Making, Quality Circle, Assessment Centre, Leadership and Group Discussion are to be organised on each day from Monday to Sunday.

(i) One day there will be no lecture (Saturday is not that day), just before that day Group Discussion will be organised.

(ii) Motivation should be organised immediately after Assessment Centre.

(iii) Quality Circle should be organised on Wednesday and should not be followed by Group Discussion

(iv) Decision Making should be organised on Friday and there should be a gap of two days between Leadership and Group Discussion

Which of the pairs of lectures were organised on first and last day?

- Quality Circle and Motivation
- Group Discussion and Quality Circle
- Group Discussion and Decision Making
- None of these

Question No.37

4.00

Bookmark

Chill injury is most common in

- Banana
- Mango
- Grape
- Apple

Question No.38

4.00

Bookmark

Isolation of protein from oilseeds is

- Gas – liquid extraction
- Solid – liquid extraction
- Solid – solid extraction
- Liquid – liquid extraction

Question No.39

4.00

Bookmark

Which guideline/ standard deals with auditing practices?

- ISO 19021
- ISO 9001
- ISO 19011
- ISO 9004

Question No.40

4.00

Bookmark

When pathogenic invasive agents like Salmonella were ingested live with foods, and eventually reach and colonize in the GI tract causing diarrhea, nausea, or stomach flu is known as

- Food contamination
- Food intoxication
- Food infection
- Mycotoxicosis

Question No.41

4.00

Bookmark

The speed at which the centrifugation takes place in a ball mill is called as

- Operating speed
- Normal speed
- Centrifugation speed
- Critical speed

Question No.42

4.00

Bookmark

Reassociation of amylose and formation of crystalline structure upon cooling of cooked starch solution is termed as

- Syneresis
- Retrogradation
- Gelatinization
- Denaturation

Question No.43

4.00

Bookmark

Choose the missing term: SHG, RIF, QJE, PKD, ?

- NMD
- OLD
- OLC
- MLB

Question No.44

4.00

Bookmark

How many principles are identified by Codex Alimentarius Commission (CAC)

- 12
- 7
- 8
- 5

Question No.45

4.00

Bookmark

Which of the following is NOT an example of Verification?

- CCP compliance checks
- Trials to standardize the amount of sodium benzoate in the ketchup
- Routine hygiene monitoring
- Analysis of customer complaints

Question No.46

4.00

Bookmark

In the following question, the first two words (given in italics) have a definite relationship. Choose one word out of the given four alternatives which will fill the blank space and show the same relationship with the third word as between the first two.

Truthfulness is to *Liar* as *Loyalty* is to?.....

- Worker
- Traitor
- Devotion
- Falsehood

Question No.47

4.00

Bookmark

FFS packaging stand for

- Form file seal
- Fold fill seal
- Fold file seal
- Form fill seal

Question No.48

4.00

Bookmark

Which of the following is the definition of K_m (Michaelis constant)?

- The velocity when substrate and product are at 1 molar concentrations
- The concentration of substrate required to give half maximal velocity.
- The half maximal velocity
- The velocity at saturating concentrations of substrate

Question No.49

4.00

Bookmark

The primary bacterial spoilage of poultry meat at low temperature, with characteristic sliminess at outer surface, is caused by

- Pseudomonas spp.*
- Aspergillus spp.*
- Bacillus spp.*
- Candida spp.*

Question No.50

4.00

Bookmark

Blanching influences vegetable tissues in terms of

- Alteration of cytoplasmic membrane
- Stabilization of cytoplasmic proteins
- Enzymes production
- Stabilization of nuclear proteins

Question No.51

4.00

Bookmark

Which does the following task come under? – Maintaining inventory of food processing systems and their environments.

- Product specifications
- Physical systems hazards control
- Purchasing requirements
- All of the mentioned

Question No.52

4.00

Bookmark

Lacquering of cans helps in

- Providing cheaper way of can coloring
- Preventing cans from discoloration
- Gives mechanical strength
- Prevents shock during transportation

Question No.53

4.00

Bookmark

Identify the incorrect statement

- Nitrates maintain the red color of preserved meats & inhibit mould growth
- Nitrates maintain the red color of preserved meats and are among the most widely used preservatives.
- Nitrates maintain the red color of preserved meats and maintain a high osmotic pressure to kill microorganisms.
- Nitrates maintain the red color of preserved meats and inhibit germination of botulism spores.

Question No.54

4.00

Bookmark

The brown colour of bread crust during baking is due to Maillard reaction between

- aldehyde groups of sugars and salt
- aldehyde groups of sugars and amino groups of proteins
- starch and yeast
- aldehyde groups of sugars and vitamins

Question No.55

4.00

Bookmark

Study the following information carefully and answer the question below it

- (i) There is a group of five persons- A, B, C, D and E
- (ii) One of them is manual scavenger, one is sweeper, one is watchman, one is human scarecrow and one is grave-digger
- (iii) Three of them – A, C and grave-digger prefer tea to coffee and two of them – B and the watchman prefer coffee to tea
- (iv) The human scarecrow and D and A are friends to one another but two of these prefer coffee to tea.
- (v) The manual scavenger is C's brother

Which of the above statements is unnecessary?

- (ii)
- (iii)
- Null
- (iv)

Question No.56

4.00

Bookmark

The shelf-life of a packaged food will generally increase under storage conditions of

- Increased humidity and increased temperature
- Increased humidity and decreased temperature
- Decreased humidity and increased temperature
- Decreased humidity and decreased temperature

Question No.57

4.00

Bookmark

_____ is added to fruits prior to freezing commercially to protect their quality.

- Ascorbic acid
- sugar
- Vitamin C
- Water

Question No.58

4.00

Bookmark

Rancimat method measures

- pH
- conductivity
- Acidity
- Oxygen stability of fat and oils

Question No.59

4.00

Bookmark

Poising Capacity refers to

- Food that resist to change in pH
- Foods that resist to change in Eh
- Food that alter their pH
- Foods that alter their Eh

Question No.60

4.00

Bookmark

The term "denaturation", when used in connection with nucleic acids or proteins refers to a change in structural characteristics due to

- changes in primary structure.
- the disruption of covalent bonds.
- the binding of toxic compounds.
- the disruption of non-covalent bonds.

Question No.61

4.00

Bookmark

Most ubiquitous etiologic agent that causes bacterial soft rot in vegetables

- E.coli and *Salmonella*
- Erwinia* and Pectobacterium
- Candida and Saccharomyces
- Aspergillus and Rhizopus

Question No.62

4.00

Bookmark

Which of the following is at lowest risk of foodborne illness?

- Alcoholics
- Elderly people
- Adolescents
- Pregnant women

Question No.63

4.00

Bookmark

Double vision, muscle paralysis and breathing problems are symptoms of

- Botulism
- E. Coli*
- Salmonella*
- Staphylococcus aureus*

Question No.64

4.00

Bookmark

Hydrogenation of oils decreases their nutritional quality by

- Decreasing saturation of fatty acids
- Formation of trans-fatty acids
- Increasing unsaturation of fatty acids
- Decreasing level of essential fatty acids

Question No.65

4.00

Bookmark

Which chemical is used for controlling sprouting of onions in storage

- Ethylene (C₂H₄)
- Gallic Acid
- Gibberellic Acid
- Maleic Hydrazide

Question No.66

4.00

Bookmark

Radappertization is

- Pasteurization
- Cooling
- Sterilization
- Heating

Question No.67

4.00

Bookmark

Gelatinization of starch is a

- Responsible for staling of bread
- Endothermic reaction
- Exothermic reaction
- Reversible reaction

Question No.68

4.00

Bookmark

Which of the following is a major component present in endospore

- Dipcolinic acid
- Phosphoric acid
- Benzoic acid
- Ascorbic acid

Question No.69

4.00

Bookmark

Vitamin C ,vitamin E, BHA and BHT, are all

- Incidental food agent
- Antioxidants
- Antimicrobial agent
- Flavour enhancer

Question No.70

4.00

Bookmark

Spreading bacteria to clean food from contaminated work surfaces, hands, utensils, or food is called

- Botulism
- Hygiene
- Food-borne illness
- Cross-contamination

Question No.71

4.00

Bookmark

Tetra pack launched its tetrahedral milk in

- 1932
- 1956
- 1920
- 1975

Question No.72

4.00

Bookmark

Which one of the following is not part of verification, but a separate activity prior to authorizing the HACCP plan

- Measurement
- Management review
- Internal audit
- Validation

Question No.73

4.00

Bookmark

The “gate mark” is seen in which kind of moulded bottles

- Injection moulded bottles
- Blow moulded bottles
- Extruded moulded bottles
- All of them

Question No.74

4.00

Bookmark

Strength of brine is being measured by

- hydrometer
- Salinometer
- Hygrometer
- pH meter

Question No.75

4.00

Bookmark

The portion of the starch which is not digested in the small intestine is called

- Gelatinized starch
- Resistant starch
- Dextrified starch
- Modified starch

Question No.76

4.00

Bookmark

Due to _____, the subways were closed all morning.

- floods
- flood

- its flooding
- are flooded

Question No.77

4.00

Bookmark

----- is NOT a thermoplastic material

- Poly vinyl chloride
- Poly propylene
- Polyethylene
- Phenol formaldehyde

Question No.78

4.00

Bookmark

Which portion of wheat is rich in cellulose and hemicellulose

- Aleurone layer
- Endosperm
- Germ
- Bran

Question No.79

4.00

Bookmark

The phenomenon of spontaneous exudation of fluid from a gel is called

- Crystallization
- Gelatinization
- Weeping of jelly
- Premature gelatin

Question No.80

4.00

Bookmark

A container that is sealed completely against the ingress of gas and vapors called

- Aseptic
- Hermetic
- Septic
- Hydraulic

Question No.81

4.00

Bookmark

Which of the following is biodegradable plastic?

- Polythene
- LDPE
- Polypropylene
- Polyhydroxy butyrate

Question No.82

4.00

Bookmark

Which of the following is NOT identified as an allergen by European Union (EU)?

- Peanuts
- Gluten containing cereals
- Mustard Oil
- SO₂ more than 10 ppm

Question No.83

4.00

Bookmark

One atmospheric pressure is equal to

- 1 kg/cm²
- 1 g/m³
- 1 g/cm²
- 1 kg/m²

Question No.84

4.00

Bookmark

Statement 1: At low temperatures, the rate of respiration of harvested fruits and vegetables decreases.

Statement 2: Under conditions where respiration rate is retarded, changes in chlorophyll loss are also delayed.

- False, True
- True, False
- True, True
- False, False

Question No.85

4.00

Bookmark

neohesperidinedihydrochalcone from citrus rind is responsible for

- Sweetness
- Bitterness
- Astringency
- Sourness

Question No.86

4.00

Bookmark

Kosher law talks about dietary suitability for

- Christian community
- Jewish community
- Muslim community
- Hindu community

Question No.87

4.00

Bookmark

In dried milk product which protein fraction seems to be responsible for the cooked and caramelized flavor

- Alpha lactalbumin
- Albumin
- Beta lactoglobulin
- Casein

Question No.88

4.00

Bookmark

Oxidation of lipids takes place in the

- Mitochondria
- Ribosome
- Cell wall
- Cytoplasm

Question No.89

4.00

Bookmark

Which of the following methods is a quick test for sugar content during the early stages of the brewing process for beer?

- wet ashing
- Babcock test
- hydrometry
- Soxhlet extraction

Question No.90

4.00

Bookmark

Identify the adverb in the following sentence:

We looked upwards and saw a bright shooting star

- bright
- upwards
- looked
- shooting

Question No.91

4.00

Bookmark

Fat bloom is a defect occurring in chocolate products due to improper

- Refining
- Conching
- Packaging
- Tempering

Question No.92

4.00

Bookmark

Anand is heavier than Gopal.Mohan is lighter than Jagan.Pandian is heavier than Jagan but lighter than Gopal. Who is the heaviest of all ?

- Jagan
- Pandian
- Anand
- Gopal

Question No.93

4.00

Bookmark

Which of the following is used as a fat replacer

- Mannitol
- Tocopherols
- Olestra (Sucrose polyester)
- Menthol

Question No.94

4.00

Bookmark

Assertion: Crude oil is abundantly found in nature

Reason: It is the main raw material for all automobiles

- Both A and R are true and R is not the correct explanation of A
- Both A and R are true and R is the correct explanation of A
- A is true but R is false
- A is false but R is true

Question No.95

4.00

Bookmark

What term describes food where an ingredient such as a vitamin or mineral has been added for dietary purposes only?

- Fermented Food
- Enteral Food
- Fortified Food
- Homogenised Food

Question No.96

4.00

Bookmark

An effective and safe method employed in the decontamination of spices is

- Irradiation
- Fumigation
- Encapsulation
- Heat sterilization

Question No.97

4.00

Bookmark

The "temperature danger zone" is:

- 0°-100°F
- 180°-350°F
- 40°-140°F
- 65°-140°F

Question No.98

4.00

Bookmark

Dry storage means at a temperature about _____ and humidity below _____

- 100, 50-100%
- 20, 50%
- 100, 50%
- 20, 50-100%

Question No.99

4.00

Bookmark

These poultry belong to Mr. Kishen, our new neighbor
The underlined word is a _____ noun.

- proper
- abstract
- collective
- common

Question No.100

4.00

Bookmark

Foods that have been altered carefully by controlled growth of microorganisms are called as

- Spoiled Foods
- Enteral Foods
- Fermented Foods
- Probiotic Foods