

- Question No. 1

Freeze drying takes place at

Options :

1. The triple point
2. Below the triple point
3. Above the triple point
4. At zero degree Celsius
- 5.

Answer : Below the triple point

- Question No. 2

Use of several methods like temperature (high or low), control of acidity, control of water activity for preservation of food is known as

Options :

1. Hurdle technology
2. Mixed technology
3. Stumbling technology
4. Multiple technology
- 5.

Answer : Hurdle technology

- Question No. 3

Cause and effect diagram is also known as

Options :

1. Quality circles

2. Fish bone diagram
3. Five force diagram
4. Kaizen diagram
- 5.

Answer : Fish bone diagram

• Question No. 4

The process in which a specially designed hermetic centrifuge is used to separate bacteria and especially the spores formed by specific bacteria strains, from milk is known as

Options :

1. Sterilization
2. Pasteurisation
3. Aseptic packaging
4. Bactofugation
- 5.

Answer : Bactofugation

• Question No. 5

The most common bacterial cultures involved in acidic fermentation are

Options :

1. Lactobacillus, Leuconostoc, Lactococcus and Streptococcus
2. Lactococcus, Bifidobacterium, Lactobacillus and Leuconostoc
3. Lactococcus, Rhizopus, Lactococcus and Streptococcus
4. Lactobacillus, Leuconostoc, Lactococcus and Aspergillus
- 5.

Answer : Lactobacillus, Leuconostoc, Lactococcus and Streptococcus

• Question No. 6

Which of the following statements are true ?

1. Foods high in sugar and other solutes dry more slowly.
2. As drying progresses the concentration of solutes in water increases causing the drying rate to slow.
3. Water that is most difficult to remove is that is chemically bound in the form of hydrates.
4. Drying at high pressure occurs at lower temperature.

Options :

1. 1, 2, 3, 4
2. 1, 2, 3
3. 1, 3, 4
4. 1, 2, 4
- 5.

Answer : 1, 2, 3

• Question No. 7

Foods processed using high-pressure technology, gamma irradiation, high electric field pulse and thermosonication are known as

Options :

1. Minimally processed foods
2. UHT processed foods
3. Aseptically processed foods
4. All of the above
- 5.

Answer : Minimally processed foods

• Question No. 8

Food items should be subjected to micro frequencies such that, the dielectric constant is _____ and loss factor is _____

Options :

1. Maximum, minimum
2. Maximum, maximum
3. Minimum, minimum
4. Minimum, maximum
- 5.

Answer : Minimum, minimum

• Question No. 9

In which of the following ways does absorption of gamma radiation takes place ?

Options :

1. Photoelectric effect
2. Compton effect
3. Pair production
4. All of the mentioned
- 5.

Answer : All of the mentioned

• Question No. 10

Which among the following claims is prohibited ?

Options :

1. Unsubstantiated claims
2. Claims of Veg./Non-veg.

3. Claims of quality
4. None of the mentioned
- 5.

Answer : Unsubstantiated claims

• Question No. 11

What is the carryover principle ?

Options :

1. Additives added in the raw materials are not present in the final products
2. Antioxidant added to oil is present in all oil based products made from it
3. All of the above
4. None of the above
- 5.

Answer : Antioxidant added to oil is present in all oil based products made from it

• Question No. 12

Difference of Green Tea from Black Tea is that

Options :

1. The oxidation process is omitted
2. The tea leaves are steamed in a pan before rolling to prevent oxidation by enzymes
3. The oxidation process is omitted and the tea leaves are steamed in a pan before being rolled to prevent oxidation by enzymes
4. None of the mentioned
- 5.

Answer : The oxidation process is omitted and the tea leaves are steamed in a pan before being rolled to prevent oxidation by enzymes

• Question No. 13

When a deviation from critical limits happens what should be done ?

Options :

1. Documentation of corrective actions
2. Stop the line and inform the supervisor
3. Reassess the HACCP plan
4. All of the above
- 5.

Answer : All of the above

• Question No. 14

Which type of packaging is appropriate for fruits ?

Options :

1. Ethylene absorbers
2. Oxygen absorbers
3. Carbon-di-oxide absorbers
4. Nitrogen producing
- 5.

Answer : Ethylene absorbers

• Question No. 15

Which of the following is true about death time curve method to sterilize canned food ?

Options :

1. It tells us the time and temperature to sterilize canned food
2. It tells us about the heat penetration of the container
3. It tells us about the heat conductivity of the container

4. All of the mentioned
- 5.

Answer : All of the mentioned

• Question No. 16

Which method is most energy efficient for making ghee ?

Options :

1. Desi method
2. Creamery butter method
3. Direct cream method
4. Pre-stratification method
- 5.

Answer : Pre-stratification method

• Question No. 17

What will be the over run, if 400 litre of mix produces 740 litre of ice cream ?

Options :

1. 60%
2. 85%
3. 30%
4. 100%
- 5.

Answer : 85%

• Question No. 18

What is the major defect that occurs in UHT milk during storage ?

Options :

1. Darkening of colour
2. Age gelation
3. Cooked flavour
4. Absence of beneficial bacteria
- 5.

Answer : Age gelation

• Question No. 19

During cheddar cheese manufacture, rennet split the kappa-casein at the junction of

Options :

1. Phenyl alanine-histidine
2. Methionine-lysine
3. Histidine-lysine
4. Phenyl alanine-methionine
- 5.

Answer : Phenyl alanine-methionine

• Question No. 20

UHT processed milk is aseptically packaged at

Options :

1. 5 C
2. 10 C
3. 20 C
4. 40 C
- 5.

Answer : 20 C

- Question No. 21

The usual method of stunning cattle is by using

Options :

1. Captive bolt pistol
2. Electrical stunning
3. CO2 anaesthesia
4. None of the above
- 5.

Answer : Captive bolt pistol

- Question No. 22

Which Vitamin is not available in egg ?

Options :

1. Vitamin A
2. Vitamin B
3. Vitamin C
4. Vitamin D
- 5.

Answer : Vitamin C

- Question No. 23

A meat borne bacterial infection

Options :

1. Taeniasis
2. Toxoplasmosis
3. Sarcocystis

4. Salmonellosis

5.

Answer : Salmonellosis

• Question No. 24

A cured meat product

Options :

1. Sausage

2. Bacon

3. Keema

4. Cutlet

5.

Answer : Bacon

• Question No. 25

The method of preservation of egg using sodium silicate

Options :

1. Thermal processing

2. Water glass method

3. Lime sealing

4. Oil coating

5.

Answer : Water glass method

• Question No. 26

The certified copies may be produced in proof of the contents of which document ?

Options :

1. All kinds of documents
2. Private documents
3. Public documents
4. Government documents
- 5.

Answer : Public documents

• Question No. 27

Consumer' under the Food Safety and Standards Act, 2006 is the

Options :

1. Person who consumes food
2. Person and family who consume food
3. Person who purchases and receives the food
4. Person and families who purchases and receives food
- 5.

Answer : Person and families who purchases and receives food

• Question No. 28

The head office of the Food Safety and Standards Authority of India is at

Options :

1. Mumbai
2. Delhi
3. Calcutta
4. Kochi
- 5.

Answer : Delhi

- Question No. 29

The enactment of Information Technology Act, 2000 resulted in the introduction of which provision under Indian Evidence Act, 1872 ?

Options :

1. S. 65A
2. S. 64A
3. S. 63A
4. S. 62A
- 5.

Answer : S. 65A

- Question No. 30

Who is responsible for the inspection of food business, drawing and sending samples for food analysis under Food Safety and Standards Act, 2006 ?

Options :

1. Commissioner of Food Safety
2. Food Analyst
3. Food Safety Officer
4. Live Stock Inspector
- 5.

Answer : Food Safety Officer

- Question No. 31

Which of the following is correct ?

Options :

1. The accused can file written statements under S. 233 Cr.P.C. in support of his defence.

2. S. 250 Cr.P.C. empowers the magistrate to discharge an accused in a warrant case instituted otherwise than on a police report.
3. In a summary trial under S. 235 Cr.P.C. the maximum period of imprisonment that can be imposed is two years.
4. The bail bond executed for the appearance before the higher court under S. 437 Cr.P.C. shall be five years.
- 5.

Answer : The accused can file written statements under S. 233 Cr.P.C. in support of his defence.

• Question No. 32

The magistrate can take cognizance of offence upon

Options :

1. Receiving information through telephone or e-mail
2. A police report
3. Information received from a police officer
4. All the above
- 5.

Answer : A police report

• Question No. 33

Under S. 439 Cr.P.C., which court has the power to release any person on bail and by a subsequent order cause him to be rearrested ?

Options :

1. High Court
2. Sessions Court
3. Both High Court and Sessions Court
4. Magistrate Court and Sessions Court
- 5.

Answer : Both High Court and Sessions Court

• Question No. 34

The High Court may confer on any magistrate invested with the powers of a magistrate of the second class power to try summarily any offence which is punishable with imprisonment for a term not exceeding

Options :

1. 6 months
2. 3 months
3. 1 year
4. 7 years
- 5.

Answer : 6 months

• Question No. 35

Under S. 374 Cr.P.C. who can file appeal to the Supreme Court ?

Options :

1. Any person convicted on a trial held by a High Court in its extraordinary original criminal jurisdiction
2. The prosecution which could not succeed in the trial in High Court
3. Both A) and B)
4. None of the above
- 5.

Answer : Any person convicted on a trial held by a High Court in its extraordinary original criminal jurisdiction

• Question No. 36

Any person who manufactures for sale or distribute any article of substandard food for consumption is liable to the extend of

Options :

1. 2.5 lakhs rupees and 6 months imprisonment

2. 2.5 lakhs rupees only
3. 5 lakhs of rupees and 6 months imprisonment
4. 5 lakhs rupees
- 5.

Answer : 5 lakhs rupees

• Question No. 37

The Food Safety Appellate Tribunal shall consists of

Options :

1. 5 members
2. 3 members
3. 1 member
4. Any of the above
- 5.

Answer : 1 member

• Question No. 38

The defences which may be allowed in prosecution under the Food Safety and Standards Act is under

Options :

1. S. 78
2. S. 79
3. S. 81
4. S. 80
- 5.

Answer : S. 80

• Question No. 39

Where in a case the sample container received by the Food Analyst is found to be in broken condition, he shall

Options :

1. Inform the designated officer within seven days
2. Inform the designated officer within reasonable period of time
3. Inform the commissioner within seven days
4. Inform the commissioner within reasonable period of time
- 5.

Answer : Inform the designated officer within seven days

- Question No. 40

The secondary evidence is defined under which provision of Indian Evidence Act ?

Options :

1. S. 66
2. S. 44
3. S. 36
4. S. 63
- 5.

Answer : S. 63

- Question No. 41

In which of the following separation techniques the separation is based on the net charge of the molecule ?

Options :

1. Affinity chromatography
2. Ion exchange chromatography
3. Molecular exclusion chromatography
4. Isopycnic centrifugation
- 5.

Answer : Ion exchange chromatography

- Question No. 42

An example for triose is

Options :

1. Glucose
2. Ribulose
3. Xylulose
4. Glyceraldehyde
- 5.

Answer : Glyceraldehyde

- Question No. 43

The exoskeleton of insects (chitin) is composed of

Options :

1. N-Acetyl glucosamine
2. N-Acetyl muramic acid
3. N-Acetyl galactosamine
4. Glucose-6-phosphate
- 5.

Answer : N-Acetyl glucosamine

- Question No. 44

Of the following, which amino acid is an imino acid ?

Options :

1. Histidine

2. Glutamic acid
3. Proline
4. Tyrosine
- 5.

Answer : Proline

• Question No. 45

The proteolytic enzyme trypsin, hydrolyses the peptide bonds in which

Options :

1. Amino group is contributed either by lysine or arginine
2. Carbonyl function is contributed either by lysine or arginine
3. Carbonyl function is contributed either by phenylalanine or tyrosine
4. Amino group is contributed either by phenylalanine or tyrosine
- 5.

Answer : Carbonyl function is contributed either by lysine or arginine

• Question No. 46

Which of the following is not an antioxidant ?

Options :

1. Vit. C
2. Vit. E
3. Carotenes
4. Vit. B6
- 5.

Answer : Vit. B6

• Question No. 47

Iodine number of fatty acids denotes its

Options :

1. Degree of unsaturation
2. Chain length
3. Molecular weight
4. Solubility in water
- 5.

Answer : Degree of unsaturation

- Question No. 48

Cold Sterilization means preservation of food by

Options :

1. Sterilizing at -179°C
2. Radiation
3. Sterilizing at 0°C
4. Lyophilization
- 5.

Answer : Radiation

- Question No. 49

In humans the basal metabolic rate accounts for about _____ percentage of the daily calorie expenditure.

Options :

1. 60 – 75
2. 40 – 55
3. 25 – 40
4. 80 – 90
- 5.

Answer : 60 – 75

- Question No. 50

The Respiratory Quotient (RQ) is the ratio of

Options :

1. O₂ consumed/CO₂ eliminated
2. H₂O consumed/CO₂ eliminated
3. CO₂ eliminated/O₂ consumed
4. CO₂ eliminated/H₂O consumed
- 5.

Answer : CO₂ eliminated/O₂ consumed

- Question No. 51

Biological Value of a protein is influenced by

Options :

1. Amino acid composition
2. Vitamin and mineral content
3. Preparation (cooking)
4. All the above
- 5.

Answer : All the above

- Question No. 52

The absorption maxima max of a compound is dependent on

Options :

1. Structure of the compound

2. pH of the solvent in which the compound exist
3. The polarity of the solvent
4. All the above
- 5.

Answer : All the above

• Question No. 53

The purpose of guard column in HPLC systems is to

Options :

1. Protect the peristaltic pump
2. Protect the main column
3. Protect the injection port
4. Protect the detector
- 5.

Answer : Protect the main column

• Question No. 54

All free radicals have _____ in their orbitals.

Options :

1. Paired valence electron
2. Unpaired valence electrons
3. No valence electron
4. None of the above
- 5.

Answer : Unpaired valence electrons

• Question No. 55

Of the following which is not an artificial sweetener ?

Options :

1. Saccharin
2. Sodium cyclamate
3. Butylated hydroxyanisole
4. Acesulfame
- 5.

Answer : Butylated hydroxyanisole

- Question No. 56

Which is mordant in Grams staining ?

Options :

1. Crystal Violet
2. Safranin
3. Alcohol
4. Iodine
- 5.

Answer : Iodine

- Question No. 57

The immersion oil used in microscopy will

Options :

1. Decrease the numerical aperture
2. Increase the refractive index
3. Decrease the refractive index
4. None of the above
- 5.

Answer : Increase the refractive index

- Question No. 58

Aflatoxins are

Options :

1. Produced by certain fungi
2. Cancer causing agent
3. Causes immunosuppression
4. All the above
- 5.

Answer : All the above

- Question No. 59

Botulinum toxins are

Options :

1. Neurotoxic
2. Teratogen
3. Carcinogenic
4. Mutagen
- 5.

Answer : Neurotoxic

- Question No. 60

MSA (Mannitol Salt Agar) is generally used for the detection of

Options :

1. E. Coli

2. Staphylococcus aureus
3. Bacillus sp.
4. Aspergillus niger
- 5.

Answer : E. Coli

- Question No. 61

Enzyme used in fruit juice clarification is

Options :

1. Protease
2. Trypsin
3. Cellulase
4. Pectinase
- 5.

Answer : Pectinase

- Question No. 62

Rotating Biological contactors are employed

Options :

1. Primary treatment of waste water
2. Secondary treatment of waste water
3. RBC isolation
4. Solid waste management
- 5.

Answer : Secondary treatment of waste water

- Question No. 63

This is not a method of enzyme immobilization

Options :

1. Encapsulation
2. Adsorption
3. Nanomaterial immobilization
4. PAGE
- 5.

Answer : PAGE

- Question No. 64

HACCP stands

Options :

1. Health Analysis and Critical Control Point
2. Hazard Analysis and Critical Care Point
3. Hazard Analysis and Crucial Control Point
4. Hazard Analysis and Critical Control Point
- 5.

Answer : Hazard Analysis and Critical Control Point

- Question No. 65

Which GM crop is approved in India ?

Options :

1. Bt Corn
2. Bt Brinjal
3. Bt Cotton
4. GM Tomato
- 5.

Answer : Bt Cotton

- Question No. 66

The trap which is used widely to kill rice field rats is

Options :

1. Snap trap
2. Remote triggered trap
3. Pot trap
4. Automatic trap
- 5.

Answer : Pot trap

- Question No. 67

A dull hollow sound when tapped is the maturity index of _____ crop.

Options :

1. Papaya
2. Pineapple
3. Sapota
4. Watermelon
- 5.

Answer : Watermelon

- Question No. 68

Bheema is a high yielding variety of _____ mushroom.

Options :

1. Paddy straw mushroom

2. Button mushroom
3. Oyster mushroom
4. White milky mushroom
- 5.

Answer : White milky mushroom

• Question No. 69

A chemical safely sprayed on bags of stored grains in godowns

Options :

1. Carbosulfan
2. Malathion
3. Dimethoate
4. Quinalphos
- 5.

Answer : Malathion

• Question No. 70

Which of the following is not an advantage of blanching ?

Options :

1. For precooling
2. To preserve colour
3. To preserve flavor
4. To inactivate enzymes
- 5.

Answer : For precooling

• Question No. 71

Who among the following was the Anglo-Indian representative in the Indian Constituent Assembly ?

Options :

1. Morris Johns
2. Frank Anthony
3. Sardar Vallabha Bhai Patel
4. K. M. Munshi
- 5.

Answer : Frank Anthony

- Question No. 72

Which Article of the Indian Constitution deals with Right to Life ?

Options :

1. Art. – 14
2. Art. – 19
3. Art. – 20
4. Art. – 21
- 5.

Answer : Art. – 21

- Question No. 73

Who among the following is returning officer for the election of President of India ?

Options :

1. Secretary General of Lok Sabha
2. Chief Election Commissioner
3. Chief Justice of India
4. Prime Minister of India
- 5.

Answer : Secretary General of Lok Sabha

- Question No. 74

What is the subject matter of Article 40 of Indian Constitution ?

Options :

1. Uniform Civil Code
2. Prohibition
3. Right to Education
4. Panchayati Raj
- 5.

Answer : Panchayati Raj

- Question No. 75

By which Amendment Secularism incorporated in the Preamble of Indian Constitution ?

Options :

1. 24th
2. 74th
3. 42nd
4. 44th
- 5.

Answer : 42nd

- Question No. 76

Which Article of Indian Constitution deals with Grama Sabha ?

Options :

1. Article 243

2. Article 248
3. Article 233
4. None of the above
- 5.

Answer : Article 243

• Question No. 77

Which among the following are in the centre list of 7th Schedule of Indian Constitution ?

1. Markets and fairs
2. Insurance
3. Taxes on Profession
4. Banking

Options :

1. 1 and 2
2. 1 and 3
3. 2 and 4
4. 3 and 4
- 5.

Answer : 2 and 4

• Question No. 78

In which year Balwant Rai Mehta Committee was appointed ?

Options :

1. 1947
2. 1957
3. 1967

4. 1987

5.

Answer : 1957

- Question No. 79

Identify the subject matter of the second chapter of the Indian Constitution.

Options :

1. Citizenship
2. Union and State
3. Fundamental Rights
4. Executive
- 5.

Answer : Citizenship

- Question No. 80

Which among the following Act is related to Article 17 ?

1. Nirbhaya Act, 2013
2. Protection of Civil Rights Act in 1976
3. Armed Forces (Special Powers) Act, 1958
4. Citizenship Amendment Act, 2019

Options :

1. 1 and 2
2. 2 only
3. 3 only
4. 3 and 4
- 5.

Answer : 3 only

- Question No. 81

Which among the following pairs of months will have the same calendar ?

Options :

1. April – November
2. January – October
3. July – October
4. June – August
- 5.

Answer : January – October

- Question No. 82

The difference between 75% of a number and 20% of the same number is 378.4. What is 40% of that number ?

Options :

1. 275.2
2. 274
3. 267.2
4. 266
- 5.

Answer : 275.2

- Question No. 83

Neha walked 9 m in the East, then she turned to her right and walked 4 m. Again she turned to her left and moved 3 m. Then she turned to her left and walked 9 m. How far is she and in which direction from the starting point ?

Options :

1. 13 m, South – West
2. 13 m, North – East
3. 15 m, North – East
4. 15 m, South – West
- 5.

Answer : 13 m, North – East

• Question No. 84

If eye = ice, lips = rose and brows = black, what is coded as 'forehead' ?

Options :

1. Sindoor
2. Flower
3. Jasmine
4. Frontier
- 5.

Answer : Frontier

• Question No. 85

A committee of 3 members is to be selected out of 3 men and 2 women. What is the probability that the committee has atleast one woman ?

Options :

1. 1/10
2. 9/20
3. 9/10
4. 1/20
- 5.

Answer : 9/10

- Question No. 86

Vaunt : Flaunt : : Disparate : ?

Options :

1. Similar
2. Homogeneous
3. Contrast
4. Alike
- 5.

Answer : Contrast

- Question No. 87

What will be the next term in the following – DCXW, FEVU, HGTS, ?

Options :

1. AKPO
2. ABYZ
3. JIRQ
4. LMRS
- 5.

Answer : JIRQ

- Question No. 88

In how many different ways can the letters of the word 'PUNCTUAL' be arranged ?

Options :

1. 64
2. 40320
3. 960

4. 20160

5.

Answer : 20160

- Question No. 89

Find out the wrong term in the series.

2, 3, 4, 4, 6, 8, 9, 12, 16

Options :

1. 9

2. 12

3. 16

4. 8

5.

Answer : 9

- Question No. 90

In a certain code if C = 3 and SCHOOL = 12, then LAMB = ?

Options :

1. 28

2. 12

3. 7

4. 8

5.

Answer : 7

- Question No. 91

My brother _____ the answer to the question.

Options :

1. is know
2. know
3. knowing
4. knows
- 5.

Answer : knows

- Question No. 92

I think I will buy these shirts. _____ me really well.

Options :

1. They were fitting
2. They fit
3. They are fitting
4. They have fit
- 5.

Answer : They fit

- Question No. 93

Where _____ the book ?

Options :

1. did you keep
2. did you kept
3. kept you
4. none of these
- 5.

Answer : did you keep

- Question No. 94

At five o'clock yesterday evening I _____ for the bus.

Options :

1. were waiting
2. was waiting
3. wait
4. waiting
- 5.

Answer : was waiting

- Question No. 95

Anne _____ ill for two weeks. She is still in hospital.

Options :

1. was
2. had been
3. is
4. has been
- 5.

Answer : has been

- Question No. 96

How did you come ? _____ bus ?

Options :

1. in

2. on
3. through
4. by
- 5.

Answer : by

• Question No. 97

Choose the correct sentence from the following.

Options :

1. I am not agree with what you say
2. He is doing a course in linguistics
3. Children makes a lot of noise
4. He speak English well
- 5.

Answer : He is doing a course in linguistics

• Question No. 98

Which of the following is the opposite of diligent ?

Options :

1. active
2. smart
3. hard working
4. lazy
- 5.

Answer : lazy

• Question No. 99

What is the one word substitute for one who is not sure about God's existence ?

Options :

1. Agnostic
2. Atheist
3. Theist
4. None of these
- 5.

Answer : Agnostic

- Question No. 100

What does the idiom kick the bucket mean ?

Options :

1. to die
2. to hit someone with a bucket
3. to cry
4. None of these
- 5.

Answer : to die

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