

Telangana State Council Higher Education

Notations :

- Options shown in **green** color and with  icon are correct.
- Options shown in **red** color and with  icon are incorrect.

Question Paper Name :	Food Technology 1st Jun 2026 Shift 2
Subject Name :	Food Technology
Creation Date :	2026-06-01 16:30:02
Duration :	120
Total Marks :	120
Display Marks:	Yes
Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No

Food Technology

Group Number :	1
Group Id :	10513149
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	120

Mathematics

Section Id :	105131107
Section Number :	1
Section type :	Online

Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	10
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	105131107
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 1051316241 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Let $A = [a_{ij}]$ for $i, j = 1, 2, 3, \dots, n$ be $n \times n$ matrix such that $a_{ij} = \begin{cases} 1, & \text{if } (i+j) \text{ is even} \\ -1, & \text{if } (i+j) \text{ is odd} \end{cases}$

where $n > 1$, then the rank of A is

Options :

1. ✓ 1

2. ✗ 2

3. ✗ 3

4. ✗ 4

Question Number : 2 Question Id : 1051316242 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

If the system of linear equations $x + y + z = 2$, $2x + y - z = 3$ and $3x + 2y + kz = 4$ has a unique solution then

Options :

1. ✗ $k = 0$

2. ✗ $-1 < k < 1$

3. ✗ $0 < k < 1$

4. ✓ $k \neq 0$

Question Number : 3 Question Id : 1051316243 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

If $u = x^2 + y^2 + 2xy + 2x + 2y$ and $v = e^{x+y}$ are functionally dependent then the relation between u and v is

Options :

1. ✖ $u^2 = v^2 + \log uv$
2. ✔ $u = (\log v)^2 + 2 \log v$
3. ✖ $u = 2 \log v + 2 \log u$
4. ✖ $v = (\log u)^2 + 2 \log u$

Question Number : 4 Question Id : 1051316244 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The series $\sum \frac{x^n}{n}$, ($x > 0$) is

Options :

1. ✖ Convergent if $x > 1$ and divergent if $x \leq 1$
2. ✖ Divergent if $x < 1$ and convergent if $x \geq 1$
3. ✔ Convergent if $x < 1$ and divergent if $x \geq 1$
4. ✖ Convergent if $x < 1$ and divergent if $x \leq 1$

Question Number : 5 Question Id : 1051316245 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Integrating factor of $(x \log x) \frac{dy}{dx} + y = \frac{2}{x} \log x$ is

Options :

1. ✖ $x \log x$

2. ✔ $\log x$

3. ✖ x

4. ✖ $\frac{1}{x} \log x$

Question Number : 6 Question Id : 1051316246 Question Type : MCQ Option Shuffling : Yes
 Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

$$L \left\{ \begin{matrix} t & t & t & t \\ \int & \int & \int & \int \\ 0 & 0 & 0 & 0 \end{matrix} \cos au \, du \, du \, du \, du \right\} \text{ is}$$

Options :

1. ✖ $\frac{1}{s^2 + a^2}$

2. ✖ $\frac{1}{s(s^2 + a^2)}$

3. ✖ $\frac{1}{s^2(s^2 + a^2)}$

4. ✔ $\frac{1}{s^3(s^2 + a^2)}$

Question Number : 7 Question Id : 1051316247 Question Type : MCQ Option Shuffling : Yes
 Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Consider the iterative formula $x_{n+1} = \frac{x_n}{2} + \frac{9}{8x_n}$, $x_0 = 0.5$ obtained from the Newton-

Raphson method to solve an equation. The successive iterations converges to

Options :

1. ✖ 1.1

2. ✔ 1.5

3. ✖ 1.9

4. ✖ $\sqrt{2}$

Question Number : 8 Question Id : 1051316248 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Given $\int_{-3}^3 (x^5 + 4x^3) dx$, the integral value using Trapezoidal rule is

Options :

1. ✔ 0

2. ✖ 81

3. ✖ -1

4. ✖ 18

Question Number : 9 Question Id : 1051316249 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

A random variable X has the following distribution.

$X = x$	1	2	3	4
$P(X = x)$	k	$2k$	$3k$	$4k$

Then the ratio between k and $P(X < 3)$ is

Options :

1. ✖ 1 : 1

2. ✖ 1 : 2

3. ✔ 1 : 3

4. ✖ 3 : 1

Question Number : 10 Question Id : 1051316250 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Ranks obtained by 5 students in two tests are as follows.

Test-1	1	3	2	4	5
Test-2	2	1	3	5	4

Then the Spearman's rank correlation coefficient (ρ) is

Options :

1. ✔ 0.6

2. ✖ 0.4

3. ✖ 0.2

4. ✖ 0

Food Technology

Section Id :	105131108
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	110
Number of Questions to be attempted :	110
Section Marks :	110
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	105131108
Question Shuffling Allowed :	Yes

Question Number : 11 Question Id : 1051316251 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Tetra saccharides present in foods are

Options :

1. ✓ Stachyose and scorodose
2. ✗ Scorodose and maltose
3. ✗ Stachyose and raffinose
4. ✗ Scorodose and kestose

Question Number : 12 Question Id : 1051316252 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The type of browning reaction present in cut apples and brinjal is

Options :

1. ✗ Ascorbic acid browning
2. ✓ Enzymic browning
3. ✗ Catalytic browning
4. ✗ Non enzymic browning

Question Number : 13 Question Id : 1051316253 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Mineral magnesium is present in which of the following pigment?

Options :

1. ✗ Haemoglobin
2. ✗ Myoglobin

3. ✓ Chlorophyll

4. ✗ Anthocyanin

Question Number : 14 Question Id : 1051316254 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Disaccharide found in cellulose is

Options :

1. ✗ Maltose

2. ✓ Cellobiose

3. ✗ Lactose

4. ✗ Sucrose

Question Number : 15 Question Id : 1051316255 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The examples of pigments having benzopyran derivatives is

Options :

1. ✗ Chlorophylls and bilins

2. ✗ Carotenoids

3. ✓ Anthocyanins and flavonoids

4. ✗ Melanoidins and caramels

Question Number : 16 Question Id : 1051316256 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Ketonic rancidity is caused due to

Options :

1. ✖ Algae
2. ✔ Fungi
3. ✖ Protozoa
4. ✖ Bacteria

Question Number : 17 Question Id : 1051316257 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Terpene flavoured fruits are

Options :

1. ✔ Citrus fruits and mango
2. ✖ Sapota and banana
3. ✖ Guava and sapota
4. ✖ Banana and custard apple

Question Number : 18 Question Id : 1051316258 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Storage polysaccharides in plants

Options :

1. ✖ Glycogen
2. ✖ Cellulose
3. ✔ Starch
4. ✖ Pectin

Question Number : 19 Question Id : 1051316259 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The brown coloured pigments formed after enzymic browning and non-browning are respectively

Options :

1. ✓ Melanin and melanoidins.
2. ✗ Melanin and phenols
3. ✗ Melanoidins and phenols
4. ✗ Melatonin and melanoidins

Question Number : 20 Question Id : 1051316260 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

A cereal protein which is soluble in 70 percent alcohol is

Options :

1. ✗ Albumin
2. ✗ Histones
3. ✗ Meta proteins
4. ✓ Prolamine

Question Number : 21 Question Id : 1051316261 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The protein obtained from animal source that is incomplete is

Options :

1. ✗ Meat

- 2. ✖ Fish
- 3. ✔ Gelatin
- 4. ✖ Eggs

Question Number : 22 Question Id : 1051316262 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Antinutrients found in plant food which causes hemagglutination

Options :

- 1. ✔ Lectins
- 2. ✖ Phytates
- 3. ✖ Oxalates
- 4. ✖ Lactates

Question Number : 23 Question Id : 1051316263 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Mineral present in Vitamin B12 is

Options :

- 1. ✖ Chromium
- 2. ✖ Copper
- 3. ✔ Cobalt
- 4. ✖ Cesium

Question Number : 24 Question Id : 1051316264 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Deficiency of Niacin is characterised by

Options :

1. ✖ 2Ds Dementias & Dermatitis
2. ✔ 3Ds Dermatitis, Diarrhoea & Dementia
3. ✖ 4Ds Dermatitis, Dyspepsia, Dementia & Diarrhoea
4. ✖ 5Ds Diarrhoea, Dermatitis, Dyslexia, Dyspepsia & Dementias

Question Number : 25 Question Id : 1051316265 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The condition resulting in Vitamin A deficiency that is irreversible is

Options :

1. ✖ Xerophthalmia
2. ✖ Xerosis of conjunctiva
3. ✖ Phrynoderma
4. ✔ Keratomalacia

Question Number : 26 Question Id : 1051316266 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The extrinsic factors affecting growth of microorganisms are

Options :

1. ✖ pH, Temperature, Redox potential
2. ✔ Temperature, Relative humidity, gases in environment
3. ✖ Water activity, Temperature

4. ✖ pH, Temperature, water activity

Question Number : 27 Question Id : 1051316267 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

A minute leak in a can that permits air to move in and out but does not allow microorganisms to enter is

Options :

- 1. ✖ Hard swell
- 2. ✖ Springer
- 3. ✔ Breather
- 4. ✖ Flipper

Question Number : 28 Question Id : 1051316268 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Surface ropiness in milk is caused by

Options :

- 1. ✖ Escherichia coli
- 2. ✖ Klebsiella oxytoca
- 3. ✖ Streptococcus lactis
- 4. ✔ Alcaligenes viscolactis

Question Number : 29 Question Id : 1051316269 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

A cell here and there in a mycelium stores up reserve food swells and forms a thick wall than of the surrounding cells is known as

Options :

1. ✖ Ascospore
2. ✖ Conidiospore
3. ✖ Sporangiospore
4. ✔ Chlamydospore

Question Number : 30 Question Id : 1051316270 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Asexual spores produced by molds are

Options :

1. ✔ Sporangiospores
2. ✖ Basidiospores
3. ✖ Ascospores
4. ✖ Zygosporangia

Question Number : 31 Question Id : 1051316271 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Bacterial species which produces red rots in eggs are

Options :

1. ✖ Pseudomonas fluorescence
2. ✔ Serratia
3. ✖ Aeromonas

4. ✖ Acinetobacter and Alcaligenes

Question Number : 32 Question Id : 1051316272 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Bacteria which grow in 0.5 to 3.0% salt are called

Options :

1. ✖ Psychrophiles
2. ✔ Halophilic
3. ✖ Mesophilic
4. ✖ Thermophilic

Question Number : 33 Question Id : 1051316273 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Wines are prepared from

Options :

1. ✖ Vegetables
2. ✖ Cereals
3. ✔ Grapes
4. ✖ Millets

Question Number : 34 Question Id : 1051316274 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Miso is a fermented product made from

Options :

1. ✖ Cucumber

- 2. ✖ Cabbage
- 3. ✔ Soyabean
- 4. ✖ Black gram

Question Number : 35 Question Id : 1051316275 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The amount of salt required in the preparation of sauerkraut is

Options :

- 1. ✔ 2 - 3 %
- 2. ✖ 0.5 - 1%
- 3. ✖ 5 - 6 %
- 4. ✖ 4 - 6 %

Question Number : 36 Question Id : 1051316276 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The byproducts of wheat milling is/are

Options :

- 1. ✔ Bran, germ, middling's
- 2. ✖ Bran, germ
- 3. ✖ Bran, middling's
- 4. ✖ Middling's

Question Number : 37 Question Id : 1051316277 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Hydrothermal treatment followed by drying before milling of rice is known as

Options :

1. ✓ Parboiling
2. ✗ Parching
3. ✗ Popping
4. ✗ Roasting

Question Number : 38 Question Id : 1051316278 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Delinting and dehulling are characteristic preparatory processing steps for

Options :

1. ✗ Groundnut
2. ✓ Cotton seed
3. ✗ Soybean
4. ✗ Sunflower

Question Number : 39 Question Id : 1051316279 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The emery coated roller machine in pulse milling is called

Options :

1. ✗ Sheller
2. ✗ Chakki
3. ✓ Gota machine

4. ✖ Dehulling machine

Question Number : 40 Question Id : 1051316280 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which of the following is/are used in dal milling industry?

Options :

1. ✖ Water

2. ✖ Oil

3. ✔ Red earth, oil, water

4. ✖ Black earth

Question Number : 41 Question Id : 1051316281 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Pulse which is most difficult to dehusk

Options :

1. ✖ Lentil

2. ✖ Bengal gram

3. ✖ Pea

4. ✔ Arhar

Question Number : 42 Question Id : 1051316282 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which Millet is rich in iron and calcium?

Options :

1. ✖ Bajra
2. ✔ Ragi
3. ✖ Little millet
4. ✖ Jowar

Question Number : 43 Question Id : 1051316283 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Nutri nuggets are prepared from

Options :

1. ✖ Kidney bean
2. ✔ Soybean
3. ✖ Moth bean
4. ✖ Velvet bean

Question Number : 44 Question Id : 1051316284 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Wet milling process is used for

Options :

1. ✖ Oats
2. ✖ Rice
3. ✖ Potato
4. ✔ Maize

Question Number : 45 Question Id : 1051316285 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Gluten protein is present in

Options :

1. ✓ Wheat
2. ✗ Rice
3. ✗ Amaranth
4. ✗ Maize

Question Number : 46 Question Id : 1051316286 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which among the following is prepared by spice bag method?

Options :

1. ✗ Jam
2. ✗ Pickle
3. ✗ Marmalade
4. ✓ Ketchup/sauce

Question Number : 47 Question Id : 1051316287 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

A clear sparkling juice is called as

Options :

1. ✗ Squash
2. ✓ Cordial

3. ✖ Nectar

4. ✖ Sherbet

Question Number : 48 Question Id : 1051316288 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The suspension of shreds of citrus fruit peel in jelly or jam is

Options :

1. ✖ Nectar

2. ✖ Sherbet

3. ✔ Marmalade

4. ✖ Squash

Question Number : 49 Question Id : 1051316289 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Preservation of food in common salt, edible oil and vinegar is called

Options :

1. ✖ Curing

2. ✔ Pickling

3. ✖ Salting

4. ✖ Brining

Question Number : 50 Question Id : 1051316290 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

A clear sugar syrup which has been artificially flavoured is called as

Options :

1. ✖ Nectar
2. ✔ Sherbet
3. ✖ Cordial
4. ✖ Squash

Question Number : 51 Question Id : 1051316291 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Treatment of fruits and vegetables with boiling water or steam for a short period followed by cooling prior to canning is

Options :

1. ✔ Blanching
2. ✖ Sterilization
3. ✖ Pasteurization
4. ✖ Curing

Question Number : 52 Question Id : 1051316292 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The ancient technique of extraction of aromatic compounds from flowers, fruits, etc using fat is known as

Options :

1. ✖ Expression
2. ✖ Super critical extraction
3. ✔ Enfleurage

4. ✖ Distillation

Question Number : 53 Question Id : 1051316293 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Another name for firing of tea is

Options :

- 1. ✖ Withering
- 2. ✖ Fermentation
- 3. ✖ Rolling
- 4. ✔ Drying

Question Number : 54 Question Id : 1051316294 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The part of the plant used in the case of clove and saffron is

Options :

- 1. ✖ Bark
- 2. ✖ Fruit
- 3. ✖ Seeds
- 4. ✔ Flower

Question Number : 55 Question Id : 1051316295 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Cherry coffee is obtained by

Options :

- 1. ✖ Wet processing

2. ✖ Vacuum processing
3. ✔ Dry processing
4. ✖ Chemical processing.

Question Number : 56 Question Id : 1051316296 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Dressed fish that is sliced length wise from the back bone is called

Options :

1. ✔ Fillets
2. ✖ Steaks
3. ✖ Chunks
4. ✖ Dressed

Question Number : 57 Question Id : 1051316297 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The process of developing desirable flavour and increase of shelf life of meat with salt, sugar nitrite is known as

Options :

1. ✔ Curing
2. ✖ Salting
3. ✖ Flavouring
4. ✖ Tenderizing

Question Number : 58 Question Id : 1051316298 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The meat which must be sold and consumed within three days of slaughter is

Options :

1. ✖ Halal
2. ✖ Fresh
3. ✔ Kosher
4. ✖ Stunning

Question Number : 59 Question Id : 1051316299 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which of the following statement is not correct?

Options :

1. ✖ Bromelain from pineapple is used for tenderization of meat
Electrical stimulation of carcasses after the slaughtering of animals can cause
2. ✖ tenderization of meat
Ficin is a proteolytic enzyme obtained from faba beans which can be used for
3. ✔ tenderization of meat
4. ✖ Renin from calf stomach is used for tenderization of meat

Question Number : 60 Question Id : 1051316300 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The type of wood used for smoking is

Options :

1. ✔ Hard wood

2. ✖ Soft wood
3. ✖ Sandal wood
4. ✖ Pine and cedar wood

Question Number : 61 Question Id : 1051316301 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Natural casings for the sausages are made from

Options :

1. ✖ Cleaned papaya leaves
2. ✖ Cleaned animal hides
3. ✖ Cleaned animal oesophagus
4. ✔ Cleaned animal intestine

Question Number : 62 Question Id : 1051316302 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The process which refers to immersion of birds in hot water for loosening of feathers is called

Options :

1. ✖ Soaking
2. ✔ Scalding
3. ✖ Boiling
4. ✖ Balding

Question Number : 63 Question Id : 1051316303 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The process of penetration of fat between the muscle fibre bundles of meat is known as

Options :

1. ✖ Marination
2. ✖ Curing
3. ✔ Marbling
4. ✖ Smoking

Question Number : 64 Question Id : 1051316304 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The yolk is connected to the albumen with

Options :

1. ✖ Germ
2. ✔ Chalazae
3. ✖ Vitelline membrane
4. ✖ Cuticle

Question Number : 65 Question Id : 1051316305 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The fat soluble pigment which is responsible for yellow colour of milk, cream, butter, ghee, etc., is

Options :

1. ✖ Riboflavin
2. ✔ Carotene

3. ✖ Anthocyanin

4. ✖ Betalin

Question Number : 66 Question Id : 1051316306 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The organisms involved in yoghurt production are

Options :

1. ✖ Streptococcus thermophilus

2. ✖ Lactobacillus bulgaricus

3. ✔ Streptococcus thermophilus & Lactobacillus bulgaricus

4. ✖ Serratia

Question Number : 67 Question Id : 1051316307 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The country / desi butter obtained by churning whole milk curd is

Options :

1. ✖ Paneer

2. ✔ Makkhan

3. ✖ Dahi

4. ✖ Chakka

Question Number : 68 Question Id : 1051316308 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Arrange the following milk in decreasing order of their fat content

Options :

1. ✖ Cow, buffalo, camel, goat, human
2. ✖ Human, buffalo, camel, cow, goat
3. ✔ Buffalo, cow, goat, camel, human
4. ✖ Camel, buffalo, goat, cow, human

Question Number : 69 Question Id : 1051316309 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

COB stands for

Options :

1. ✔ Clot on Boiling
2. ✖ Crumble on Boiling
3. ✖ Clotting of Bacteria
4. ✖ Crumbling of Bacteria

Question Number : 70 Question Id : 1051316310 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The salt used for salting of butter is

Options :

1. ✔ NaCl
2. ✖ CaCl₂
3. ✖ MgCl₂
4. ✖ KCl

Question Number : 71 Question Id : 1051316311 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

In ice cream aging is done by

Options :

1. ✖ Post freezing of milk
2. ✖ At the time of freezing
3. ✔ Before freezing
4. ✖ After hardening

Question Number : 72 Question Id : 1051316312 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Khoa is also known as

Options :

1. ✖ Shrikhand
2. ✔ Mawa
3. ✖ Chhana
4. ✖ Rabri

Question Number : 73 Question Id : 1051316313 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Blue cheese is also called as

Options :

1. ✔ Roquefort cheese
2. ✖ Cottage cheese

- 3. ✖ Camembert cheese Cheddar
- 4. ✖ Soft cheese

Question Number : 74 Question Id : 1051316314 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Eyes are characteristic features of

Options :

- 1. ✖ Ice cream
- 2. ✖ Khoa
- 3. ✔ Swiss cheese
- 4. ✖ Cottage cheese

Question Number : 75 Question Id : 1051316315 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

SMP stands for

Options :

- 1. ✖ Solid Milk Powder
- 2. ✔ Skim Milk Powder
- 3. ✖ Sweetened Milk Products
- 4. ✖ Standard Milking Practice

Question Number : 76 Question Id : 1051316316 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Horns obtained from meat processing industry are used in the preparation of

Options :

1. ✓ Buttons, combs, cutlery handles, furniture.
2. ✗ Buttons only
3. ✗ Combs only
4. ✗ Cutlery handles only

Question Number : 77 Question Id : 1051316317 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Industrial enzymes obtained from fruit peels are

Options :

1. ✓ Cellulases & pectinases
2. ✗ Pectinases only
3. ✗ Cellulases only
4. ✗ Pectinases & hydrolases

Question Number : 78 Question Id : 1051316318 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Largest portion of solid waste obtained from potato processing industry is

Options :

1. ✓ Potato peels
2. ✗ Waste water
3. ✗ Pulp
4. ✗ Processing waste

Question Number : 79 Question Id : 1051316319 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The major milk protein is

Options :

1. ✖ Prolamin
2. ✖ Lactoglobulin
3. ✖ Lactalbumin
4. ✔ Casein

Question Number : 80 Question Id : 1051316320 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

What are the 3R s of waste management?

Options :

1. ✔ Reduction, Reuse/Redistribution, Recycling /Recovery
2. ✖ Reduction, Reuse, Residue
3. ✖ Reduction, Recycling, Reaction
4. ✖ Reduction, Reaction, Recouping

Question Number : 81 Question Id : 1051316321 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which property of fluid accounts for major losses in pipes?

Options :

1. ✖ Density

2. ✘ Specific gravity
3. ✔ Viscosity
4. ✘ Compressibility

Question Number : 82 Question Id : 1051316322 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

If every particle of fluid has irregular flow, that flow is said to be

Options :

1. ✘ Laminar flow
2. ✔ Turbulent flow
3. ✘ Fluid flow
4. ✘ Laminar flow & Turbulent flow

Question Number : 83 Question Id : 1051316323 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

A device which is used for measuring flow of fluid with high accuracy and low pressure loss is

Options :

1. ✘ Venturi meter
2. ✘ Dull flow tube
3. ✔ Orifice tube
4. ✘ Pitot static tube

Question Number : 84 Question Id : 1051316324 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which of the following is created by a blower?

Options :

1. ✓ Air flow
2. ✗ Water flow
3. ✗ Product flow
4. ✗ Vacuum flow

Question Number : 85 Question Id : 1051316325 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

A liquid flows with same velocity through pipes 1 & 2 having same diameter. If the length of the second pipe is twice that of first pipe, what should be the ratio of head loss in two pipes?

Options :

1. ✓ 1:2
2. ✗ 2:1
3. ✗ 1:4
4. ✗ 4:1

Question Number : 86 Question Id : 1051316326 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Addition of salt to ice will

Options :

1. ✓ Slow the melting point of ice
2. ✗ Increase the melting point of ice

- 3. ✖ Will not affect the melting rate of ice
- 4. ✖ Effects the structure of ice

Question Number : 87 Question Id : 1051316327 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Heat of sun travels through vacuum is known as

Options :

- 1. ✖ Conduction heat
- 2. ✖ Convective heat
- 3. ✔ Radiant heat
- 4. ✖ Infrared heat

Question Number : 88 Question Id : 1051316328 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which of the following objects reflects more solar radiation?

Options :

- 1. ✖ Black objects
- 2. ✔ White objects
- 3. ✖ Mirror / polished objects
- 4. ✖ Sand

Question Number : 89 Question Id : 1051316329 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

A dimensionless number which represents the ratio of inertia to viscous force is

Options :

1. ✓ Reynold's number
2. ✗ Froud's number
3. ✗ Prandtl number
4. ✗ Stanton number

Question Number : 90 Question Id : 1051316330 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The approximate rate equation for convective heat transfer between a surface and adjacent fluid is calculated by

Options :

1. ✓ Newton's law of Cooling
2. ✗ Kirchhoff's law
3. ✗ Newton's first law
4. ✗ Wein's displacement law

Question Number : 91 Question Id : 1051316331 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which of the following is not a basic part of an evaporator?

Options :

1. ✗ Calandria
2. ✗ Vapour separator
3. ✗ Entrainment separator

4. ✓ Barometric leg

Question Number : 92 Question Id : 1051316332 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which of the following is best suited for evaporating tomato puree?

Options :

1. ✓ Jacketed open kettle evaporator
2. ✗ Climbing film evaporator
3. ✗ Falling film evaporator
4. ✗ Plate type evaporator

Question Number : 93 Question Id : 1051316333 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which of the following process is also known as appertization?

Options :

1. ✗ Blanching
2. ✗ Pasteurization
3. ✓ Canning
4. ✗ Steaming

Question Number : 94 Question Id : 1051316334 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The rate of mixing in an equipment can be explained by

Options :

1. ✓ Mixing index

2. ✖ Uniformity index
3. ✖ Power requirement
4. ✖ Power index

Question Number : 95 Question Id : 1051316335 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The oil can be mixed with whole pulses in the following type of mixer

Options :

1. ✖ Tumbling mixer
2. ✔ Ribbon type of mixer
3. ✖ Sigma blade mixer
4. ✖ Planetary mixer

Question Number : 96 Question Id : 1051316336 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Separation of liquids from solids by application of pressure is known as

Options :

1. ✖ Extraction
2. ✔ Expression
3. ✖ Rendering
4. ✖ Leaching

Question Number : 97 Question Id : 1051316337 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The method of separating mixtures based on differences in volatility of components in a boiling liquid mixture is known as

Options :

1. ✖ Evaporation
2. ✔ Distillation
3. ✖ Leaching
4. ✖ Fractional separation.

Question Number : 98 Question Id : 1051316338 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The filter press commonly used in oil mill is a

Options :

1. ✖ Continuous type of pressure filter
2. ✖ Continuous type of vacuum filter
3. ✔ Discontinuous type of pressure filter
4. ✖ Discontinuous type of vacuum filter

Question Number : 99 Question Id : 1051316339 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The extruded product usually puffs and changes texture as it is extruded because of the reduction of forces and release of moisture and heat. The extent to which it does so is known as

Options :

1. ✖ Residence time

2. ✓ Expansion ratio
3. ✗ Cooking time
4. ✗ Cooking rate

Question Number : 100 Question Id : 1051316340 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The method of food processing for removal of bad odours from food

Options :

1. ✗ Flash distillation
2. ✓ Steam distillation
3. ✗ Batch distillation
4. ✗ Gas adsorption

Question Number : 101 Question Id : 1051316341 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Bitter taste perception can be at

Options :

1. ✗ Tip of the tongue
2. ✓ Edges of the tongue
3. ✗ Back of the tongue
4. ✗ Anterior of the tongue

Question Number : 102 Question Id : 1051316342 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which sensory trait of a product is detected when its volatiles enter the nasal passage and are perceived by the olfactory system?

Options :

1. ✖ Texture
2. ✖ Appearance
3. ✖ Taste
4. ✔ Odour

Question Number : 103 Question Id : 1051316343 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Which of the following ISO series certifies standards in food industry?

Options :

1. ✖ ISO - 9000
2. ✔ ISO - 9001
3. ✖ ISO - 9004
4. ✖ ISO - 19011

Question Number : 104 Question Id : 1051316344 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The content of fat and SNF present in evaporated skim milk as per FSSAI (PFA) regulation are respectively

Options :

1. ✔ 0.5 and 20
2. ✖ 15 and 27

3. ✖ 9 and 31

4. ✖ 9 and 26

Question Number : 105 Question Id : 1051316345 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The minimum common salt content in table butter as per FSSAI (PFA) regulation is

Options :

1. ✖ 2 %

2. ✔ 3 %

3. ✖ 2.5 %

4. ✖ 1 %

Question Number : 106 Question Id : 1051316346 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

As per FSSAI regulation, what is the minimum percent of TSS of squash?

Options :

1. ✖ 15

2. ✔ 25

3. ✖ 40

4. ✖ 10

Question Number : 107 Question Id : 1051316347 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

According to GMP, food handlers should keep their fingers nails

Options :

1. ✖ Long
2. ✖ Varnished
3. ✔ Manicured
4. ✖ With nail enamel

Question Number : 108 Question Id : 1051316348 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Hedonic rating test relates to

Options :

1. ✔ Pleasurable or unpleasurable experiences
2. ✖ Comparison of treatments against a predetermined control
3. ✖ The quality food products made from frozen foods
4. ✖ The quality of GM foods

Question Number : 109 Question Id : 1051316349 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Adulterant found in dry ginger is

Options :

1. ✖ Blue VRS
2. ✔ Ultramarine blue
3. ✖ Brilliant blue
4. ✖ Auramine

Question Number : 110 Question Id : 1051316350 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Adulterant found in fresh green peas is

Options :

1. ✓ Malachite green
2. ✗ Carmoisine
3. ✗ Rhodamine B
4. ✗ Sunset yellow

Question Number : 111 Question Id : 1051316351 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The ISO standard 14000 series sets requirements for environmental management system

Options :

1. ✓ ISO - 14001
2. ✗ ISO - 14002
3. ✗ ISO - 14003
4. ✗ ISO - 14004

Question Number : 112 Question Id : 1051316352 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

A process consisting of three components-risk assessment, risk management and risk communication is

Options :

1. ✗ Risk characterization

2. ✖ Risk impact assessment
3. ✔ Risk analysis
4. ✖ Food control

Question Number : 113 Question Id : 1051316353 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

Voluntary food laws

Options :

1. ✖ AGMARK
2. ✖ BIS
3. ✖ FPOO
4. ✔ AGMARK & BIS

Question Number : 114 Question Id : 1051316354 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The Codex secretariat is located at

Options :

1. ✖ Delhi
2. ✖ Japan
3. ✔ Rome
4. ✖ USA

Question Number : 115 Question Id : 1051316355 Question Type : MCQ Option Shuffling : Yes
Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The meaning of Codex Alimentarius in Latin is

Options :

1. ✖ Food law
2. ✖ Food code
3. ✔ Food law & Food code
4. ✖ Food safety

Question Number : 116 Question Id : 1051316356 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The process of stirring and mixing of chocolate liquid mass and sugar which gives smooth taste of finished chocolate is

Options :

1. ✖ Fermentation
2. ✖ Curing
3. ✖ Grinding and defatting
4. ✔ Conching

Question Number : 117 Question Id : 1051316357 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

SPS stands for

Options :

1. ✖ Special Programme Service
2. ✖ Sanitary Protect Service
3. ✖ Sanitary Protect Standards

4. ✓ Sanitary and Phyto Sanitary measures

Question Number : 118 Question Id : 1051316358 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The abbreviation for GHP is

Options :

1. ✗ Good Health Practices
2. ✓ Good Hygienic Practices
3. ✗ Good Hydrocarbon Product
4. ✗ Good Harmful Practices

Question Number : 119 Question Id : 1051316359 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

The number of principles of HACCP are

Options :

1. ✓ 7
2. ✗ 9
3. ✗ 6
4. ✗ 5

Question Number : 120 Question Id : 1051316360 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes

Correct Marks : 1 Wrong Marks : 0

International standard which covers all organisations of food chain from farm to fork and defines a requirement of food safety management system is

Options :

1. ✖ ISO - 14000
2. ✖ ISO - 14002
3. ✔ ISO - 22000
4. ✖ ISO – 9000