

Andhra Pradesh State Council of Higher Education

Notations :

- 1.Options shown in green color and with ✓ icon are correct.
- 2.Options shown in red color and with ✗ icon are incorrect.

Question Paper Name :	Food Technology 19th Oct 2022 Shift 1
Duration :	120
Total Marks :	140
Display Marks:	No
Share Answer Key With Delivery Engine :	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Research Methodology

Section Id :	549470389
Section Number :	1
Mandatory or Optional :	Mandatory
Number of Questions :	59
Section Marks :	70
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Is Section Default? :	null

Question Number : 1 Question Id : 54947027678 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which is the independent variable in the process of teaching learning?

Options :

Student

1. ✘

Parents

2. ✘

Teacher

3. ✔

Education Institution

4. ✘

Question Number : 2 Question Id : 54947027679 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is the pioneer in the concept of micro-teaching?

Options :

Oxford University

1. ✘

Stanford University

2. ✔

Delhi University

3. ✘

Madras University

4. ✘

Question Number : 3 Question Id : 54947027680 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

When a student asks a question for which the teacher has no direct, correct answer, he should

Options :

Ask the student to find out the answer himself from the library

1. ✘

Tell the student not to put irrelevant questions

2. ✘

Provide some vague answer to satisfy the student

3. ✘

Tell the student that he would tell correct answer later

4. ✔

Question Number : 4 Question Id : 54947027681 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is appropriate in the context of teacher- student relationship?

Options :

Informal and intimate

1. ✘

Cordial and peaceful

2. ✔

Indifferent

3. ✘

Restricted to classroom dynamic

4. ✘

Question Number : 5 Question Id : 54947027682 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Assertion (A): Formative learning tends to accelerate the process of learning.

Reason (R): As against summative evaluation formative evaluation is highly reliable.

Choose the correct answer from the following code:

Options :

Both (A) and (R) are true, and (R) is not the correct explanation of (A).

1. ✘

Both (A) and (R) are true, and (R) is the correct explanation of (A).

2. ✘

(A) is true, but (R) is false.

3. ✔

(A) is false, but (R) is true.

4. ✘

Question Number : 6 Question Id : 54947027683 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

During which year, Educational T V was introduced in India?

Options :

1. ✘ 1971

2. ✘ 1961

3. ✔ 1968

4. ✘ 1978

Question Number : 7 Question Id : 54947027684 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The primary objective of N C T E – is _____

Options :

1. ✔ To maintain standards in education colleges.

2. ✘ To open education colleges.

3. ✘ To provide grant aid to education colleges.

4. ✘ To promote research in education.

Question Number : 8 Question Id : 54947027685 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The quality of research is primarily adjudicated on the basis of

Options :

1. ✔ The rigour with which it was carried out .

2. ✘ The place of publication

3. ✘ The manner in which the action is taken on recommendations.

Quantitative aspects.

4. ✖

Question Number : 9 Question Id : 54947027686 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A research which has explored ideas based on the new facts through the study of the past is called.

Options :

Historical research

1. ✔

Mythological research

2. ✖

Content analysis

3. ✖

Philosophical research

4. ✖

Question Number : 10 Question Id : 54947027687 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not a research method?

Options :

Historical

1. ✘

Survey

2. ✘

Philosophical

3. ✘

Observation

4. ✔

Question Number : 11 Question Id : 54947027688 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is not required in experimental researches.

Options :

Manipulation

1. ✘

Controlling

2. ✘

Content analysis

3. ✔

Observation

4. ✘

Question Number : 12 Question Id : 54947027689 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following, a satisfactory statistical quantitative method should not possess?

Options :

Measurability

1. ✘

Flexibility

2. ✔

Appropriateness

3. ✘

Comparability

4. ✖

Question Number : 13 Question Id : 54947027690 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is specifically related to a research design?

- A. Designing Hypothesis
- B. Choice of field inquiry
- C. Sample selection
- D. Formulation of plan
- E. Deciding the tools to be employed in data collection

Options :

B, C, and D

1. ✖

A, B, and C

2. ✖

3. ✓ C, D, and E

4. ✘ B, D and E

Question Number : 14 Question Id : 54947027691 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The acronym SPSS stands for:

Options :

1. ✘ Software Package for Social Sciences

2. ✓ Statistical Package for Social Sciences

3. ✘ Statistical Package for Studies in sociology

4. ✘ Statistical Package for social studies

Is Section Default? :

null

Question Id : 54947027692 Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Question Numbers : (15 to 21)

Read the following passage carefully and answer the questions from 15 to 21:

For the mobility-impaired, highly trained canines called ‘service dogs’ can pick up dropped keys, open and close drawers, retrieve prepared meals, help a person in and out of bathtub, dial 911, push and pull wheelchairs, help operate a car or van and pull off gloves, shoes, socks and jackets. Other dogs provide specific assistance to those who suffer seizures (sudden attacks of illness) and require special medication. And, of course, the helping dogs provide companionship, play and give unconditional love to the people they assist. It is thirty odd years now since the placement of the first assistance dog. But only in recent years, with the rising independent movement among disabled people has the idea begun to sored widely. While most service-dogs are trained to work with people who rely on wheelchairs, other categories of helping dogs include hearing –dogs who alert their owners to sounds, such as doorbells, phones, cooking times, alarm clocks, smoke alarms and seizure dogs which carry medication in their packs and are trained to dial 911 on large keypad phones.

Sub questions

Question Number : 15 Question Id : 54947027693 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which kind of dogs, alerts their owners to sounds, such as doorbells and phones?

Options :

1. ✘ Service dogs

2. ✘ Canines

3. ✘ Seizure dogs

4. ✔ Hearing dogs

Question Number : 16 Question Id : 54947027694 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The service-dogs are

Options :

1. ✘ Paid highly

2. ✘ Less in number

3. ✔ Multiple taskers

Employees

4. ✖

Question Number : 17 Question Id : 54947027695 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The idea of assistance dogs became popular due to

Options :

1. ✔ Independent movement among the disabled

2. ✖ awareness in hospitals

3. ✖ Independence of the country

4. ✖ Both independent movement among the disabled and awareness in hospitals

Question Number : 18 Question Id : 54947027696 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The categorie of helping –dogs is

Options :

domestic, service and seizure dogs

1. ✘

service, hearing and seizure dogs

2. ✔

hunting and domestic dogs

3. ✘

hearing and domestic dogs

4. ✘

**Question Number : 19 Question Id : 54947027697 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

The passage makes a distinct difference between

Options :

service and helping dogs

1. ✔

service dogs and canines

2. ✘

canines and ordinary dogs

3. ✘

Both service dogs and canines and canines and ordinary dogs

4. ✘

Question Number : 20 Question Id : 54947027698 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

State the noun form of ‘ trained’

Options :

train

1. ✘

trainer

2. ✘

training

3. ✔

trainee

4. ✖

**Question Number : 21 Question Id : 54947027699 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Which dogs are trained to work with people who rely on wheelchairs?

Options :

Hearing dogs

1. ✖

Siezure dogs

2. ✖

Service dogs

3. ✔

Street dogs

4. ✖

Is Section Default? : null

**Question Number : 22 Question Id : 54947027700 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Which of the following is Berol's Linear Model of communication?

Options :

1. ✘ S-M-R-C
2. ✘ S-R-M-C
3. ✔ S-M-C-R
4. ✘ S-R-C-M

Question Number : 23 Question Id : 54947027701 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Communication which has no beginning or end is known as _____

Options :

1. ✔ Process
2. ✘ Meditation

Interaction

3. ✘

Transaction

4. ✘

**Question Number : 24 Question Id : 54947027702 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Which of the following does not contribute to effective communication?

Options :

Adequate medium

1. ✘

Clarity in language

2. ✘

Listen poorly

3. ✔

Home communication skill

4. ✘

Question Number : 25 Question Id : 54947027703 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____An example of channel communication.

Options :

Face – to – face conversation

1. ✓

Noise

2. ✘

Feedback

3. ✘

Context

4. ✘

Question Number : 26 Question Id : 54947027704 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Among the following, which indicates the problem arising from expression?

Options :

Wrong assumption

1. ✘

Cultural barriers

2. ✘

Selecting perception

3. ✘

Semantic problems

4. ✔

Question Number : 27 Question Id : 54947027705 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In India, _____ is not the concern for mass media.

Options :

Privacy

1. ✘

Manipulation

2. ✘

Integration of society

3. ✔

Security

4. ✘

Question Number : 28 Question Id : 54947027706 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

2, 9, 28, 65, 126, 217, 344, _____

Options :

361

1. ✘

362

2. ✘

369

3. ✘

513

4. ✔

Question Number : 29 Question Id : 54947027707 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

B, D, G, I, L, N _____

Options :

1. ✘ N
2. ✘ O
3. ✔ Q
4. ✘ P

Question Number : 30 Question Id : 54947027708 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

When “PAT” is coded as “QRBCUV”, then how will you code “GRACE”?

Options :

1. ✘ HISTBCDEGF
2. ✔ HISTBCDEFG
3. ✘ HISBTCDEFG

HISTBCEDFG

4. ✘

Question Number : 31 Question Id : 54947027709 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

E is the son of A; D is the son of B; E is married to C; C is the daughter of B. How is D related to E?

Options :

Brother

1. ✘

Uncle

2. ✘

Brother-in-law

3. ✔

Father-in-law

4. ✘

Question Number : 32 Question Id : 54947027710 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

$\frac{1}{5}$ th of Eiffel tower is painted with bronze, $\frac{1}{4}$ th maroon and the rest, golden. If the height of golden-colored part is 450m, what is the height of Eiffel tower?

Options :

2,250m

1. ✘

750m

2. ✔

1000m

3. ✘

1,250m

4. ✘

Question Number : 33 Question Id : 54947027711 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Pankaj from the home with a speed of 30km/h, reaches the school late by 20 minutes. Next day by increasing the speed by 15km/h, reached the school late by 8 minutes. How far is the school from home?

Options :

35 km

1. ✘

2. ✓ 18 km

3. ✘ 20km

4. ✘ 27km

Question Number : 34 Question Id : 54947027712 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If 30 men carry out a piece of work in 27 days, how many days is required for 18 men to perform another piece of work, which is 3 times bigger

Options :

1. ✓ 135 days

2. ✘ 120 days

3. ✘ 150 days

180 days

4. ✘

Question Number : 35 Question Id : 54947027713 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If two liters of water is evaporated by boiling 8 liters of sugar solution with 5% sugar, findout the percentage of sugar in the remaining solution?

Options :

1. ✘ 8%

2. ✔ $6\frac{2}{3}\%$

3. ✘ 9%

4. ✘ 10%

Question Number : 36 Question Id : 54947027714 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A reasoning started with a particular statement and concluded with a universal statement is known as _____

Options :

Deductive reasoning

1. ✘

Transcendental reasoning

2. ✘

Inductive reasoning

3. ✔

Abnormal reasoning

4. ✘

Question Number : 37 Question Id : 54947027715 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not an argument?

Options :

Devadutt does not eat during day, so he must be eating at night.

1. ✘

Devadutt eats in the night, so he does not eat during the day

2. ✘

If Devadutt is growing fat and if he does not eat during the day, he will be eating at night.

3. ✔

Since Devadutt does not eat in the day, he must be eating in the night.

4. ✘

Question Number : 38 Question Id : 54947027716 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Two propositions with the same subject and predicate terms, but different in quality are termed as:

Options :

Contrary

1. ✘

Subaltern

2. ✘

Subalternation

3. ✘

Contradictory

4. ✓

Question Number : 39 Question Id : 54947027717 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Inductive reasoning presupposes _____

Options :

God created the world

1. ✘

Uniformity of nature

2. ✘

Law of the nature

3. ✘

Unity of nature.

4. ✓

Question Number : 40 Question Id : 54947027718 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Venn diagram is a kind of diagram to

Options :

1. ✘ Represent but not assess the validity of elementary inferences of syllogistic form.
2. ✔ Represent and assess the validity of elementary inferences of syllogistic form.
3. ✘ Represent and assess the truth of elementary inferences of syllogistic form.
4. ✘ Assess but not represent the truth of elementary inferences of syllogistic form.

Question Number : 41 Question Id : 54947027719 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Indian school of logic uses _____pramana to prove the existence of God.

Options :

1. ✘ Arthapatti
2. ✔ Anumana

Upamana

3. ✖

Pratyaksha

4. ✖

Question Number : 42 Question Id : 54947027720 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ Concept of Indian logic system denotes circumstantial implication.

Options :

Upamana

1. ✖

Anupalabdi

2. ✖

Pratyaksa

3. ✖

Arthapatti

4. ✔

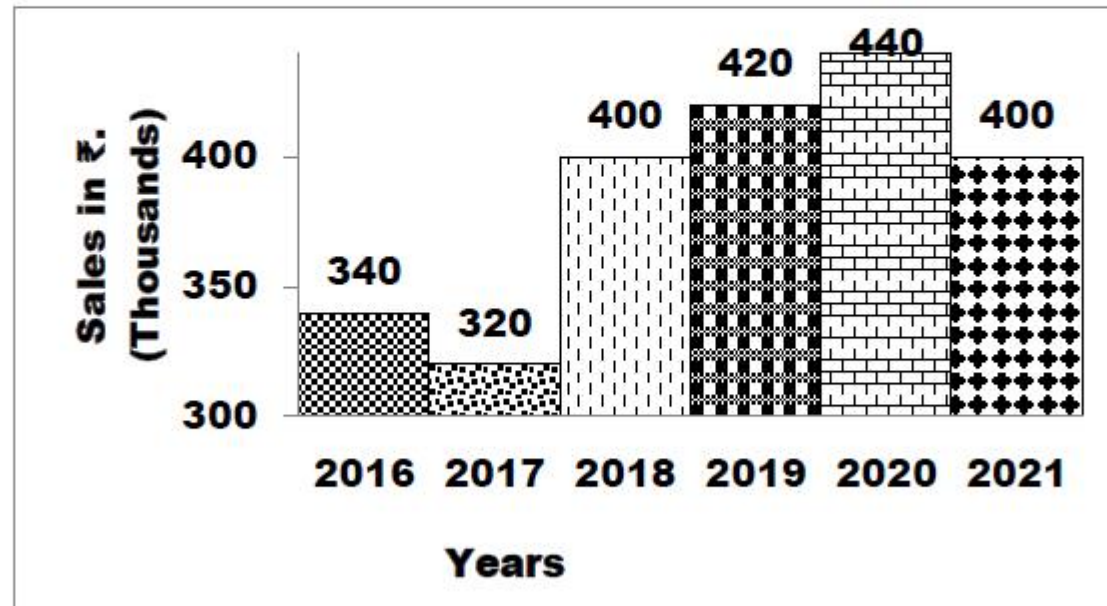
Is Section Default? :

null

Question Id : 54947027721 Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Question Numbers : (43 to 45)

Note:

Study the following bar chart carefully and answer the questions 43 to 45. It gives sales (in thousands) of a product over years 2016 - 2021.



Sub questions

Question Number : 43 Question Id : 54947027722 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What are the average sales for the period 2018 to 2021?

Options :

1. ✘ 425

2. ✘ 430

3. ✘ 420

4. ✔ 415

Question Number : 44 Question Id : 54947027723 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The sales of 2017 are _____ times of sales 2018.

Options :

1. ✘ 1.25

2. ✔ 0.8

3. ✘ 8.25

8

4. ✖

Question Number : 45 Question Id : 54947027724 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In which year, the percentage of increase over the previous year is the least?

Options :

1. ✖ 2016

2. ✔ 2020

3. ✖ 2018

4. ✖ 2019

Is Section Default? : null

Question Id : 54947027725 Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Question Numbers : (46 to 49)

Note:

Study the following table carefully and answer the questions from 46 to 49. It consists of data on marks obtained by various candidates in different subjects

Students	Subjects (Max Marks)					
	Maths (150)	Chemistry (130)	Physics (120)	Geography (100)	History (100)	Comp Science (100)
Ayush	90	50	90	60	70	80
Aman	100	80	80	40	80	70
Sajal	90	60	70	70	90	70
Rohit	80	65	80	80	60	60
Muskan	80	65	85	95	50	90
Tanvi	70	75	65	85	40	60
Tarun	65	35	50	77	80	80

Sub questions

Question Number : 46 Question Id : 54947027726 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Who among the following has obtained the highest aggregate marks?

Options :

1. ✘ Ayush

2. ✘ Aman

3. ✘ Sajal

4. ✔ Muskan

Question Number : 47 Question Id : 54947027727 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the average of marks obtained by all candidates in Physics?

Options :

1. ✘ 62.85

2. ✔ 74.28

3. ✘ 78.52

4. ✘ No answer

Question Number : 48 Question Id : 54947027728 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the average of marks obtained by Aman for all subjects?

Options :

1. ✘ 72

2. ✔ 75

3. ✘ 80

4. ✘ 85

Question Number : 49 Question Id : 54947027729 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the approximate percentage of marks obtained by Ayush?

Options :

1. ✘ 72

2. ✔ 73

3. ✘ 75

4. ✘ 78

Is Section Default? : null

Question Number : 50 Question Id : 54947027730 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following employs asynchronous communication?

- A) Video conferencing
- B) Email
- C) Forums
- D) Instant messaging

Choose the correct option.

Options :

1. ✘ A and C

2. ✘ B and D

3. ✔ B and C

4. ✘ A and D

Question Number : 51 Question Id : 54947027731 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Read the following two statements:

A) ICT is considered a subset of IT.

B) The “right to use” a piece of software is termed as copyright.

Which of the above statements(s) is/are correct?

Options :

1. ✔ Neither (A) nor (B)

2. ✖ Both (A) and (B)

3. ✖ (B) only

4. ✖ (A) only

Question Number : 52 Question Id : 54947027732 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following can be taken the digital library for education?

Options :

1. ✖ Swayam

2. ✖ MOOC

3. ✖ Sakshat

4. ✔ NPTEL

Question Number : 53 Question Id : 54947027733 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following lists computer memory sequentially from highest to lowest speed?

Options :

1. ✘ Secondary storage; Main Memory (RAM); Cache Memory; CPU Registers
2. ✘ CPU Registers; Cache Memory; Secondary storage; Main Memory (RAM)
3. ✘ Cache Memory; CPU Registers; Main Memory (RAM); Secondary Storage
4. ✔ CPU Registers; Cache Memory; Main Memory (RAM); Secondary Storage

Question Number : 54 Question Id : 54947027734 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Each computer connected to the internet should

Options :

1. ✘ Be an IBM PC
2. ✔ Have a unique IP address
3. ✘ Have a modern connection
4. ✘ Be internet compatible

Question Number : 55 Question Id : 54947027735 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is exact format of Email address?

Options :

1. ✔ name@website.info
2. ✘ name@website@info
3. ✘ www.nameofebsite.com

name.website.com

4. ✖

**Question Number : 56 Question Id : 54947027736 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

_____ is the oldest soap opera telecasted in India.

Options :

Kahani Ghar Ghar Ki

1. ✖

Buniyaad

2. ✖

Kyunki Saas Bhi Kabhi Bahu Thee

3. ✖

Hum Log

4. ✔

**Question Number : 57 Question Id : 54947027737 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Indicate the name of the research station established for conducting research at Antarctica by Government of India

Options :

Yamunotri

1. ✘

UttariGangotri

2. ✘

DakshinGangotri

3. ✔

None of these.

4. ✘

Question Number : 58 Question Id : 54947027738 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following are priority areas related to the sustainable development Goals?

- i. No poverty
- ii. Peace, Justice and strong institutions
- iii. Zero hunger
- iv. Reducing urbanization

Choose the correct answer from the options given below.

Options :

(i) , (iii), (iv)

1. ✘

(ii), (iii), (iv)

2. ✘

(i), (ii), (iv)

3. ✘

(i), (ii), (iii)

4. ✔

Question Number : 59 Question Id : 54947027739 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The common feature between NO₂, SO₂, CO and SPM is _____

Options :

Are greenhouse gases

1. ✘

Are classified as secondary pollutants

2. ✘

Are classified as primary pollutants

3. ✔

Have equal role in causing acid rain

4. ✘

**Question Number : 60 Question Id : 54947027740 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Given below are an assertion and a reason:

Assertion (A):

Methaemoglobinaemia is a condition wherein blood is unable to carry and deliver enough oxygen to the body.

Reason (R):

Consumption of drinking water with high nitrate level may lead to Methaemoglobinaemia.

Choose the correct answer from the options given below:

Options :

1. ✘ Both (A) and (R) are true but (R) is not the correct explanation of (A).
2. ✔ Both (A) and (R) are true and (R) is the correct explanation of (A).
3. ✘ (A) is true, but (R) is false
4. ✘ (A) is false, but (R) is true.

Which of the following gases has the highest global warming potential?

Options :

Carbon dioxide

1. ✘

Sulphur hexafluoride

2. ✔

Chlorofluorocarbon

3. ✘

Methane

4. ✘

Question Number : 62 Question Id : 54947027742 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the percentage occurrence of earthquakes at plate boundaries?

Options :

90

1. ✔

2. ✘ 50

3. ✘ 80

4. ✘ 75

Question Number : 63 Question Id : 54947027743 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In which year, India Government has announced the National Action plan on Climate Change?

Options :

1. ✘ 2005

2. ✘ 2009

3. ✔ 2008

4. ✘ 2012

Question Number : 64 Question Id : 54947027744 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Radhakrishnan Commission, opined that the aim of Higher Education should be

Options :

1. ✘ To inculcate values Peace and harmony.

2. ✘ To develop great personalities who can contribute to politics, administration, industry and commerce

3. ✘ To impart traditional education to students.

4. ✔ To inculcate values Peace and harmony, and also develop great personalities who can contribute to politics, administration, industry and commerce

Question Number : 65 Question Id : 54947027745 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Value education makes a student.

Options :

Successful businessman

1. ✘

Good teacher

2. ✘

Able manager

3. ✘

Good citizen.

4. ✔

Question Number : 66 Question Id : 54947027746 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Among the appointees of the Governor, _____ can be removed by the President of India only?

Options :

Vice-Chancellor of a State University

1. ✘

Advocate-General

2. ✘

A member of the State Public Service Commission

3. ✓

Chief Minister of a State.

4. ✘

**Question Number : 67 Question Id : 54947027747 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Where and when was the Second Buddhist Council held?

Options :

Sri Lanka in the first century BCE

1. ✘

Vaishali in 383 BCE

2. ✓

Pataliputra in 250 BCE

3. ✘

Mandalay in 1871 CE

4. ✘

Question Number : 68 Question Id : 54947027748 Display Question Number : Yes Is Question Mandatory : No Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In which of the following year, the Universities in the presidency towns were established in India?

Options :

1858

1. ✘

1857

2. ✔

1900

3. ✘

1909

4. ✘

**Question Number : 69 Question Id : 54947027749 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

According to National Educational Policy, 2020, the Gross Enrolment Ratio in higher education would increased to _____ percent by 2035.

Options :

40

1. ✘

2. ✓ 50

3. ✘ 60

4. ✘ 70

Question Number : 70 Question Id : 54947027750 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In which of the following states, 50th Central University was established?

Options :

1. ✘ Tamil Nadu

2. ✓ Telangana

3. ✘ Tripura

4. ✘ Andhra Pradesh.

Food Technology

Section Id :	549470390
Section Number :	2
Mandatory or Optional :	Mandatory
Number of Questions :	70
Section Marks :	70
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Is Section Default? :	null

Question Number : 71 Question Id : 54947027751 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following adulterants causes partial or complete blindness and is also harmful to the heart?

Options :

Khesari dal

1. ✖

Metanil Yellow

2. ✖

3. ✓ Argemone oil

Rhodamine B

4. ✘

Question Number : 72 Question Id : 54947027752 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is used to test the presence of starch?

Options :

Phenolphthalein

1. ✘

Methyl Red

2. ✘

Iodine

3. ✓

Brilliant blue

4. ✖

Question Number : 73 Question Id : 54947027753 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The catalytic efficiency of two different enzymes is compared by the

Options :

K_m value

1. ✔

pH of optimum value

2. ✖

Molecular size of the enzyme

3. ✖

Formation of the product

4. ✖

Question Number : 74 Question Id : 54947027754 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Zymogen is

Options :

1. ✓ Enzyme precursor
2. ✘ Enzyme modulator
3. ✘ Enzyme inhibitor
4. ✘ Enzyme indicator

Question Number : 75 Question Id : 54947027755 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The naturally occurring form of amino acid is

Options :

1. ✘ D-amino acids only

2. ✘ L & D amino acids is equal ratio

3. ✔ L-amino acids only

4. ✘ L & D amino acids in ratio 1:2

Question Number : 76 Question Id : 54947027756 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Added Sodium Benzoate in milk is considered as

Options :

1. ✘ Preservative

2. ✘ Additive

3. ✔ Adulterant

Processing aid

4. ✖

Question Number : 77 Question Id : 54947027757 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

According to FSSAI rules, class II preservative includes

Options :

Glucose

1. ✖

Citric acid

2. ✖

Nisin

3. ✔

Maltodextrin

4. ✖

Question Number : 78 Question Id : 54947027758 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Nitrofurans are

Options :

Unpermitted colours

1. ✘

Permitted colours

2. ✘

Permitted antibiotics

3. ✘

Unpermitted antibiotics

4. ✔

Question Number : 79 Question Id : 54947027759 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not a common adulterant in turmeric powder?

Options :

Metanil yellow

1. ✖

Dried marigold flower powder

2. ✔

Lead chromate

3. ✖

Spent turmeric powder

4. ✖

**Question Number : 80 Question Id : 54947027760 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Which of the following is not permitted in the manufacture of flavor?

Options :

Triacetin

1. ✖

Ethyl acetate

2. ✘

Ethyl alcohol

3. ✘

Dipropylene glycol

4. ✔

Question Number : 81 Question Id : 54947027761 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not a measure of rancidity in edible oil?

Options :

Peroxide value

1. ✘

Smoke point

2. ✔

Free fatty acid content

3. ✖

Thiobarbituric acid value

4. ✖

Question Number : 82 Question Id : 54947027762 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following elements is not relevant when selecting oil for deep frying for snacks with a shelf life > 6 months for the mass market?

Options :

Price

1. ✖

Smoke point

2. ✖

Oxidative stability

3. ✖

Melting point

4. ✓

Question Number : 83 Question Id : 54947027763 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following statements is not true about proteins?

Options :

Proteins are made up of amino acids.

1. ✘

Proteins are essential for the development of skin, teeth and bones.

2. ✘

Protein is the only nutrient that can build, repair and maintain body tissues.

3. ✘

Proteins are always glycosylated

4. ✓

Question Number : 84 Question Id : 54947027764 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Gelatinization and retrogradation are important processes / reactions in the manufacture of

Options :

Tomato ketchup

1. ✘

Wheat flour

2. ✘

Bread

3. ✔

Cake flour

4. ✘

Question Number : 85 Question Id : 54947027765 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not applicable for coated meat products?

Options :

Battering

1. ✖

Breading

2. ✖

Pre-dusting

3. ✖

Curing

4. ✔

Question Number : 86 Question Id : 54947027766 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

High pressure processing is a method of

Options :

Extraction of value added active ingredients

1. ✖

Preservation

2. ✓

Drying

3. ✘

Emulsification

4. ✘

Question Number : 87 Question Id : 54947027767 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Malting involves

Options :

Cooking

1. ✘

Milling

2. ✘

Germination

3. ✓

Filtration

4. ✘

Question Number : 88 Question Id : 54947027768 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

How will you confirm that the blanching process conditions are adequate?

Options :

Desired colour is achieved

1. ✘

Iodine test is negative

2. ✘

Acidity is negative

3. ✔

Enzyme activity is negative

4. ✘

Question Number : 89 Question Id : 54947027769 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the typical temperature of the charcoal cooler chamber?

Options :

1. ✘ 4°C

2. ✘ -10°C

3. ✘ 20-25°C

4. ✔ 10-15°C

Question Number : 90 Question Id : 54947027770 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The pH of ripe alphonso mango is

Options :

1. ✘ 4.5

3.5

2. ✘

5.5

3. ✔

6.5

4. ✘

Question Number : 91 Question Id : 54947027771 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the milling of Wheat, what is the function of the plansifter?

Options :

Directs the material to the required roller

1. ✘

Separates the material by its particle size

2. ✔

Improves the colour of the flour

3. ✘

Fumigates the material

4. ✘

Question Number : 92 Question Id : 54947027772 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the production of spice oleoresins, what is the limit of n-Hexane as residual solvent as per FSSAI

Options :

1. ✘ 10 ppm

2. ✘ 1 ppm

3. ✘ 10 ppb

4. ✔ 25 ppm

**Question Number : 93 Question Id : 54947027773 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

What is the preferred carrier for the manufacture of Mint essential oil?

Options :

Ethyl alcohol

1. ✘

n-Hexane

2. ✘

Acetone

3. ✘

water

4. ✔

**Question Number : 94 Question Id : 54947027774 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Scoville organoleptic test is used to test the pungency. A value of 1,000,000 Units refers to

Options :

1.25% Capsaicin

1. ✘

6.25% Capsaicin

2. ✔

16.25% Capsaicin

3. ✘

3.25% Capsaicin

4. ✘

Question Number : 95 Question Id : 54947027775 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The primary constituent of Pepper essential oil is

Options :

1. ✓ Caryophyllin

2. ✘ Piperine

3. ✘ Cymene

4. ✘ Carene

Question Number : 96 Question Id : 54947027776 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Common defect in Mango pulp is

Options :

1. ✓ Presence of Black specs

2. ✘
Offensive odor

3. ✘
Discoloration

4. ✘
Gel formation

Question Number : 97 Question Id : 54947027777 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not an example of intermediate moisture food?

Options :

1. ✘
Fruit Bits

2. ✔
Cheese

3. ✘ Pineapple jam

4. ✘ Dehydrated apricots

Question Number : 98 Question Id : 54947027778 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not a water soluble vitamin?

Options :

1. ✘ Folic acid

2. ✘ Pantothenic acid

3. ✘ Vitamin C

4. ✔ Vitamin E

Question Number : 99 Question Id : 54947027779 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the full form of FosTac?

Options :

Food safety training and certification

1. ✓

Food safety training commission

2. ✘

Food safety and trading commission

3. ✘

Food safety and trading certification

4. ✘

Question Number : 100 Question Id : 54947027780 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Beverage with a pH of 4.2 is considered

Options :

1. ✓ High acidic
2. ✘ Low acidic
3. ✘ Neutral
4. ✘ Non-acidic

Question Number : 101 Question Id : 54947027781 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following food is rich in omega 3 fatty acids?

Options :

1. ✘ Meat
2. ✓ Fish

Egg

3. ✘

Mushroom

4. ✘

Question Number : 102 Question Id : 54947027782 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Protein digestibility is adversely affected by the presence of

Options :

Raffinose

1. ✘

Glucose

2. ✘

Trypsin inhibitor

3. ✔

Amylase inhibitor

4. ✘

Question Number : 103 Question Id : 54947027783 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Sesame oil is obtained from seeds by

Options :

1. ✓ Physical pressing
2. ✘ Flootation
3. ✘ Distillation
4. ✘ Solvent extraction

Question Number : 104 Question Id : 54947027784 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The commonly present aflatoxin in milk is

Options :

1. ✘ B1

2. ✘ B2

3. ✔ M1

4. ✘ G

Question Number : 105 Question Id : 54947027785 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Vitamin C content is likely to be higher in

Options :

1. ✘ Whole dry pulse

2. ✘ Pulse flour

Seed testa

3. ✘

Germinated pulse

4. ✔

Question Number : 106 Question Id : 54947027786 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Separation of the product from the other undesired components of the fermentation broth is called

Options :

Upstream processing

1. ✘

Downstream processing

2. ✔

Chemostat

3. ✘

Sous-vide processing

4. ✘

Question Number : 107 Question Id : 54947027787 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

One of the starter culture used in the production of yoghurt is

Options :

Clostridium sp.

1. ✘

Bacillus licheniformis

2. ✘

Pneumococcus sp.

3. ✘

Streptococcus thermophilus

4. ✔

Question Number : 108 Question Id : 54947027788 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Red wine is produced by the fermentation of

Options :

Grapes with the skin

1. ✓

Grapes with the addition of Rose petals

2. ✘

Grapes with the use of bacteria producing red pigment

3. ✘

Grapes with the addition of artificial color

4. ✘

Question Number : 109 Question Id : 54947027789 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following microorganisms cannot tolerate oxygen?

Options :

Salmonella sp.

1. ✘

Staphylococcus aureus

2. ✘

Eschericia coli

3. ✘

Clostridium botulinum

4. ✔

Question Number : 110 Question Id : 54947027790 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Storage of cheese at controlled temperature and humidity for the production of desired texture and flavor is called

Options :

1. ✔ Ripening

2. ✘ Curdling

3. ✘ Lagering

4. ✘ Hardening

Question Number : 111 Question Id : 54947027791 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Saccharomyces cerevisiae used for fermentation of wort to ale is

Options :

Bottom fermenting yeast

1. ✘

Not used in fermentation

2. ✘

Only active for bread making

3. ✘

Top fermenting yeast

4. ✔

Question Number : 112 Question Id : 54947027792 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Glucoamylase hydrolyses starch by acting on

Options :

Only alpha-1,4 linkages

1. ✖

Only alpha-1,6 linkages

2. ✖

Only beta-1,4 linkages

3. ✖

Both alpha-1,4 and alpha-1,6 linkages

4. ✔

Question Number : 113 Question Id : 54947027793 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is a microbial gum?

Options :

Guar gum

1. ✖

Xanthan gum

2. ✔

Gum arabic

3. ✖

Agar

4. ✖

Question Number : 114 Question Id : 54947027794 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Polymers for packaging derived from microorganism include

Options :

poly(beta-hydroxyalkanoate) (PHAs)

1. ✔

Polysaccharide

2. ✖

Poly lactate

3. ✖

Pullanan

4. ✖

Question Number : 115 Question Id : 54947027795 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Marinating meat with yoghurt or lime tenderizes it through

Options :

melting of fat

1. ✘

breakdown of collagen

2. ✔

removal of glycogen

3. ✘

inactivation of enzymes

4. ✘

Question Number : 116 Question Id : 54947027796 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A steam jacketed kettle takes 10 minutes to heat a certain material to 80°C. When the same operation is carried out in a kettle twice its size under the same conditions, how much time will it take?

Options :

Same time

1. ✘

Twice the time

2. ✘

More than twice the time

3. ✔

Less time

4. ✘

Question Number : 117 Question Id : 54947027797 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which pump is not suitable for pumping liquid glucose?

Options :

1. ✘ Gear pump

2. ✘ Lobe pump

3. ✘ Screw pump

4. ✔ Peristaltic pump

Question Number : 118 Question Id : 54947027798 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the relevance of static electricity in food processing units?

Options :

1. ✘ It can ionize the product

2. ✘ It can cause fatal electrical shock
3. ✘ It can cause fire hazard
4. ✔ It can cause defects in the product by charring.

Question Number : 119 Question Id : 54947027799 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The most cost effective and practical option to process Lime juice is

Options :

1. ✘ Preserved with sulfur dioxide.
2. ✘ Concentrate it in a vacuum evaporator and then dry it to a powder.
3. ✘ Dry it to a powder in a spray drier

Concentrate it in a vacuum evaporator and freeze it

4. ✓

Question Number : 120 Question Id : 54947027800 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Water is supplied to a carbonated beverage bottling unit from the nearby river. The following water treatment is necessary

Options :

Demineralization, Reverse osmosis, Softener

1. ✘

Sand filter, softener, carbon filter, 1 micron cartridge filter, UV filter

2. ✓

Settling tank, Sand filter, Ion exchange, Chlorine treatment

3. ✘

Chlorine treatment, Reverse osmosis, 1 micron filter cartridge

4. ✘

Question Number : 121 Question Id : 54947027801 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A fruit and vegetable processing unit is located in an industrial area with a centralized wastewater treatment plant at a distance of about 50 kilometer. What is the most optimal wastewater treatment option?

Options :

1. ✘
Use a vacuum evaporator to concentrate the waste followed by spray drying to collect the waste powder and dispose the same by incinerator
2. ✔
Screening for floaters and settlers, followed by anaerobic packed column, followed by aerobic treatment and settling. The sludge is treated in a decomposter and the water used in the plantation.
3. ✘
Send the wastewater to the centralized treatment unit.
4. ✘
Screening for floaters and settlers, followed by aerobic treatment and settling. The sludge is treated in a decomposter and the water used in the plantation.

Question Number : 122 Question Id : 54947027802 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not a unit operation?

Options :

1. ✖ Crystallization

2. ✔ Pumping

3. ✖ Drum drying

4. ✖ Cooking

Question Number : 123 Question Id : 54947027803 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not a method for clarification of fruit juice?

Options :

1. ✘ Use of pectinase

2. ✘ Use of centrifuge

3. ✘ Filtration

4. ✔ Pasteurization

Question Number : 124 Question Id : 54947027804 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The target of high pressure processing is

Options :

1. ✘ to compact the product

2. ✔ reduce microbial load to acceptable limits

modify the textural properties of the food

3. ✘

enhance the color of the product

4. ✘

Question Number : 125 Question Id : 54947027805 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which is not an objective of food packaging?

Options :

Preserve the food from contamination

1. ✘

Protect the food from physical damage

2. ✘

Attract the consumer by its colorful graphics

3. ✘

Protection of environment and sustainability

4. ✔

Question Number : 126 Question Id : 54947027806 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is a suitable packing for potato chips used for immediate distribution in a cinema hall?

Options :

Paper bags

1. ✓

Paper bag with biodegradable coating

2. ✗

3 layer laminate consisting of reverse printed PET / met PET / PE

3. ✗

BOPP with nitrogen flushing

4. ✗

Question Number : 127 Question Id : 54947027807 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The primary objective of vacuum packing of coffee powder is

Options :

1. ✘ Form a uniform brick that will aid a compact secondary packing
2. ✘ Retain volatiles in the product
3. ✘ Protect from microbial spoilage by removing oxygen
4. ✔ Remove air to reduce oxidative damage

Question Number : 128 Question Id : 54947027808 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Modified atmospheric packaging of banana increases shelf life by

Options :

1. ✘ Restricting microbial spoilage
2. ✔ Reducing respiration and ripening

Reducing oxidative damage

3. ✘

Reducing the photosynthesis

4. ✘

Question Number : 129 Question Id : 54947027809 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The objective of accelerated shelf life study is

Options :

to estimate the actual shelf life of the product in a shorter duration

1. ✔

to enhance the shelf life of the product

2. ✘

to eliminate microbial spoilage in the defined shelf life of the product

3. ✘

To study the effect of modified conditions on the product

4. ✘

Question Number : 130 Question Id : 54947027810 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A homogenizing pump works on the principle of

Options :

1. ✓ Size reduction by cutting the particle
2. ✘ Size reduction by maceration between two discs
3. ✘ Size reduction by centrifugal action
4. ✘ Size reduction by blasting the particle in a homogenizing valve

Question Number : 131 Question Id : 54947027811 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

SERS can be used for detection of microorganisms. What does SERS stand for?

Options :

Sensing evaluating responding and securing

1. ✘

Silver enhanced ray stroke

2. ✘

Surface enhanced Raman spectroscopy

3. ✔

Safety event reporting system

4. ✘

Question Number : 132 Question Id : 54947027812 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The color code for the food safety display board in a manufacturing unit is

Options :

Orange

1. ✘

Green

2. ✘

Brown

3. ✘

Turquoise

4. ✔

Question Number : 133 Question Id : 54947027813 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the primary standard for acid base titration?

Options :

Sodium hydroxide 0.1 N

1. ✘

Potassium hydrogen phthalate

2. ✔

Sulfuric acid

3. ✘

Citric acid

4. ✖

Question Number : 134 Question Id : 54947027814 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is a global food safety standard?

Options :

ISO22000

1. ✖

ISO9001

2. ✖

FSSC22000

3. ✔

FSSAI

4. ✖

Question Number : 135 Question Id : 54947027815 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is true?

Options :

The labelling, presentation and advertisement shall not claim that the nutraceutical has the property of preventing, treating or curing a human disease, or refer to such properties

1. ✓

The labelling, presentation and advertisement shall claim that the nutraceutical has the property of preventing, treating or curing a human disease, or refer to such properties

2. ✘

The labelling, presentation and advertisement shall claim that the nutraceutical has the property of preventing, treating or curing a human disease, or refer to such properties. The claim needs to be backed up with scientific evidence.

3. ✘

The labelling, presentation and advertisement shall claim that the nutraceutical has the property of preventing, treating or curing a human disease, or refer to such properties. The claim need not be backed up with scientific evidence as the regulation has provided guidance dosage of the active ingredients

4. ✖

Question Number : 136 Question Id : 54947027816 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not an element of FSMS principles?

Options :

Prerequisite programs

1. ✖

HACCP

2. ✖

System management

3. ✖

Use of PPE

4. ✓

Question Number : 137 Question Id : 54947027817 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The PDCA cycle is an important element of process approach employed in FSMS.
What does PDCA stand for?

Options :

Process - Demonstrate - Conform - Action

1. ✘

Procure - Design - Complete - Assure

2. ✘

Plan - Do - Check - Act

3. ✓

Prevent - Develop - Check - Assign

4. ✘

Question Number : 138 Question Id : 54947027818 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the context of HACCP and food safety, Risk is

Options :

the probability of death

1. ✘

the function of the probability of adverse health effect and Severity of that effect

2. ✔

exposure to danger of adverse health effect

3. ✘

exposure to health hazard for the purpose of clinical study

4. ✘

Question Number : 139 Question Id : 54947027819 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the context of sensory evaluation and sensory description of food, which of the following is used for the development of Chocolate Wheel?

Options :

Ranking

1. ✖

Qualitative descriptive analysis

2. ✖

Quantitative descriptive analysis

3. ✔

ANOVA table

4. ✖

Question Number : 140 Question Id : 54947027820 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The FSSAI limits the presence of *Enterobacteriaceae* in frozen fruits to

Options :

Nil

1. ✖

100

2. ✔

3. ✖ 10000

4. ✖ Not required to be tested