

**Section 1 - Section 1**

**Question No.1**

4.00

Bookmark

The conjugated tetrapyrroles are known as

- Xanthophyll
- Polyols
- Porphyrins
- Pheophytin

**Question No.2**

4.00

Bookmark

A man complete a journey in 10 hours. He travels first half of the journey at the rate of 21 km/hr and second half at the rate of 24 km/hr. Find the total journey in km.

- 250
- 220
- 230
- 224

**Question No.3**

4.00

Bookmark

The semi-fluid material within the muscle cell is called

- Sarcoplasm
- Haemoglobin
- Myoglobin
- Blood

**Question No.4**

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Bookmark

Disruption of fat globules into much smaller fat globules is defined as?

- Centrifugation
- Standardization
- Homogenization
- Chilling

**Question No.5**

4.00

Bookmark

Which of the following is not an essential amino acid?

- Phenylalanine
- Alanine
- Threonine
- Valine

**Question No.6**

4.00

Bookmark

Milk is an \_\_\_\_\_

- Oil in water emulsion
- Oil in water suspension
- Water in oil emulsion
- Water in oil suspension

**Question No.7**

4.00

**Bookmark** 

Vacuum packaging is also called as

- Sous-vide packaging
- Clear film packaging
- High pressure packaging
- Shrink packaging

**Question No.8**

4.00

**Bookmark** 

Which of the following in foods serve as fuel molecules?

- Protein
- Lipids
- Oil
- Salt

**Question No.9**

4.00

**Bookmark** 

White or creamish color of milk is due to which of the following pigment?

- Xanthophyll
- Carotenoids
- Tannins
- Flavonoids

**Question No.10**

4.00

**Bookmark** 

“AGMARK Act 1937” comes under

- Directorate of Marketing and Inspection
- Department of Legal Metrology
- Department of Consumer Affairs, Govt. of India
- Department of Agriculture & Cooperation

**Question No.11**

4.00

**Bookmark** 

*Salmonella* and *Shigella* cause disease to the consumers by:

- Neither infection nor intoxication
- Either infection or intoxication
- Intoxication
- Infection

**Question No.12**

4.00

**Bookmark** 

Which of the following protein contributes elasticity to dough?

- Albumin
- Globulin
- Gliadin
- Glutenin

**Question No.13**

4.00

**Bookmark** 

The Queen of spices is \_\_\_\_\_

- Chilly
- Cardamom
- Pepper
- Ginger

**Question No.14**

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**Bookmark** 

Which acid is pectin made from?

- Polygalacturonic acid
- Gluconic acid
- Uronic acid
- Pectic acid

**Question No.15**

4.00

**Bookmark** 

Rickets in children is caused due to deficiency of

- Vitamin D
- Vitamin A
- Vitamin K
- Vitamin E

**Question No.16**

4.00

**Bookmark** 

Statements: All dogs are tall, All cats are tall.

Conclusion:

I. All dogs are cat

II. All cats are dogs

- If neither I nor II follows
- If either I or II follows
- If only conclusion II follows
- If only conclusion I follows

**Question No.17**

4.00

**Bookmark** 

The method of preventing or reducing pathogens in food products by combining many methods like high temperature during processing, low temperature during storage, increasing acidity etc is called

- Stumbling technology
- Mixed preservation approach
- High pressure food preservation
- Hurdle technology

**Question No.18**

4.00

**Bookmark** 

Browning of cut surfaces of fruits and vegetables is caused by \_\_\_\_\_ enzyme

- Catalase
- Polyphenol oxidase
- Phenolase
- Phenol oxidase

**Question No.19**

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Bookmark 

13, 35, 57, 79, 911, ?

- 1113
- 1311
- 1315
- 1112

**Question No.20**

4.00

Bookmark 

An Oil Press is called \_\_\_\_\_

- Expresser
- Boiler
- Expeller
- None of the mentioned

**Question No.21**

4.00

Bookmark 

Which of the following international standards deal with food safety management?

- ISO 31000
- ISO 18000
- ISO 22000
- ISO19000

**Question No.22**

4.00

Bookmark 

The process of raising or lowering the percent of fat in milk or cream to a desired standard is called?

- Standardization
- Fortification
- Addition
- Enrichment

**Question No.23**

4.00

Bookmark 

Which of the following amino acid is absent in cereals?

- Phenylalanine
- Valine
- Leucine
- Methionine

**Question No.24**

4.00

Bookmark 

Choose the correct meaning of the italicized idiom.

The father was right in giving a *piece of his mind* to the son.

- Speaking cheerfully
- Speaking sharply
- Speaking sadly
- Speaking kindly

**Question No.25**

4.00

Bookmark 

Oil/Lemon/Vinegar + Spices applied to meat is called \_\_\_\_\_

- Coating
- Fermenting
- Emulsifying
- Marinating

**Question No.26**

4.00

Bookmark 

Study the following information carefully and answer the question below it

In a family, Isha is the granddaughter of Asha. Deepa is the mother of Hansa. Charan is the son of Anand. Radha is the mother of Isha. Deepa is the sister of Vinod and Charan. Nagesh has two children, Gita and Hansa. Emesh is the only grandson in the family. Charan is not married. Radha is the daughter-in-law of Anand.

Who is the daughter of Anand?

- Hansa
- Deepa
- Isha
- Gita

**Question No.27**

4.00

Bookmark 

A substance intentionally added that affects the nature and quality of food is called:

- Food poison
- Food adulterant
- Food contaminant
- Food material

**Question No.28**

4.00

Bookmark 

The principle source of the cultivated grapes throughout the world is

- Vitisrotundifolia*
- Sushruta
- Vitisvinifera*
- Vitislabusca*

**Question No.29**

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Bookmark 

At isoelectric pH, an amino acid will exist as

- Anion
- Cation
- Zwitter ion
- Polyatomic ion

**Question No.30**

4.00

Bookmark 

Which of the following is not a Rabi crop?

- Paddy
- Wheat
- Gram
- Mustard

**Question No.31**

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Bookmark 

Which of the following is essential fatty acid?

- Palmitic acid
- Oleic acid
- Stearic acid
- Arachidonic acid

**Question No.32**

4.00

Bookmark 

Legumes are deficient in which of the following amino acid?

- Glycine
- Leucine
- Lysine
- Methionine

**Question No.33**

4.00

Bookmark 

Ovomucoid (which cannot be coagulated by heat and is glycoprotein) is present in:

- Egg-white
- Egg yolk
- Soya bean
- Meat

**Question No.34**

4.00

Bookmark 

Statement: Among all the articles, Prices of laptops show the highest decline from June 2017 to December 2017.

Assumptions:

I. Comparative prices of all articles were available from June 2017 to December 2017.

II. The prices laptops were higher in the first 6 months than the last 6 months.

- If both I and II are implicit
- If neither I nor II is implicit
- If only assumption II is implicit
- If only assumption I is implicit

**Question No.35**

4.00

Bookmark 

Based on the information given, answer the below question.

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

Which of the following is the pair of mechanics?

- AF
- Cannot be determined
- CE
- BF

**Question No.36**

4.00

Bookmark 

AR enamel coated cans are used for

- Carbonated beverages
- Meat products
- Peas
- Citrus fruits

**Question No.37**

4.00

Bookmark 

UHT processing of milk is carried out at \_\_\_\_\_

- 140°C for 5sec
- 145°C for 4sec
- 140°C for 4sec
- 145°C for 5sec

**Question No.38**

4.00

Bookmark 

Chillies are pungent due to the presence of the compound \_\_\_\_\_

- Eugenol
- Capsicum
- Capsaicin
- Chlorophyll

**Question No.39**

4.00

Bookmark 

Which of the following in a jelly/ jam is responsible for the formation of gel?

- Pectin
- Acid
- Sugar
- Water

**Question No.40**

4.00

Bookmark 

Choose the best antonym of the italicized word.

Keerthi did not like her husband being *obsequious* to his boss.

- defiant
- gentle
- indifferent
- courteous

**Question No.41**

4.00

Bookmark 

Which of these is not a Medium Acid Foods (pH 5.3-4.5)

- Spinach
- Asparagus
- Tomato
- Pumpkin

**Question No.42**

4.00

**Bookmark** 

Which of the following is being used as oxidizing agent to improve the baking quality of flour?

- Ethyl bromide
- Bromate
- Calcium propionate
- Tricalcium phosphate

**Question No.43**

4.00

**Bookmark** 

Which protein is present in corn?

- Gluten
- Oryzenin
- Albumin
- Zein

**Question No.44**

4.00

**Bookmark** 

Which of the following has the lowest glycaemic content?

- Banana
- Bread
- Ice cream
- Milk

**Question No.45**

4.00

**Bookmark** 

Which of the following vitamin is abundantly found in animal materials like meat, milk and fish?

- Riboflavin
- Vitamin C
- Vitamin A
- Vitamin E

**Question No.46**

4.00

**Bookmark** 

Tests for proper pasteurization are based on the activity of which enzyme?

- Lactase
- Diastase
- Catalase
- Phosphatase



**Question No.47**

4.00

Bookmark 

Study the following information carefully and answer the question below it

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

Who is a sweeper?

- A
- C
- E
- D

**Question No.48**

4.00

Bookmark 

If  $BAT = 40$ ,  $AT = 20$  then  $CAT = ?$

- 43
- 60
- 50
- 80

**Question No.49**

4.00

Bookmark 

Lyophilization is also known as:

- Quick freezing
- Vacuum drying
- Freeze drying
- Sublimation

**Question No.50**

4.00

Bookmark 

Anthocyanins are stable at which of the following pH?

- Independent of pH
- Acidic pH
- Neutral pH
- Basic pH

**Question No.51**

4.00

Bookmark 

Oleic acid is

- Oligosaturated fatty acid
- Saturated fatty acid
- Polyunsaturated fatty acid
- Monounsaturated fatty acid

**Question No.52**

4.00

Bookmark 

FAO/WHO recommends an intake of \_\_\_\_\_mg of calcium per day for an adult.

- 900 mg
- 600-800 mg
- 400-500 mg
- 130-300 mg

**Question No.53**

4.00

Bookmark 

Bajra is also called as

- Pearl millet
- Finger millet
- Little millet
- Foxtail millet

**Question No.54**

4.00

Bookmark 

The aromatic volatile components of spices are called \_\_\_\_\_

- Spice Fat
- Spice Gel
- Spice Paste
- Spice Oil

**Question No.55**

4.00

Bookmark 

Marshmallow is which of the following product

- Confectionary
- Dairy
- Meat
- Bakery

**Question No.56**

4.00

Bookmark 

Yoghurt is made using which strain of bacteria:

- Lactobacillus bulgaricus*
- Lactobacillus plantarum*
- Lactobacillus acidophilus*
- Lactobacillus casei*

**Question No.57**

4.00

Bookmark 

If Priya was selected, she \_\_\_\_\_ a good surgeon.

- can make
- will make
- would have made
- would make

**Question No.58**

4.00

**Bookmark** 

Protein content of cow milk is

- 3.50%
- 5%
- 6%
- 2.50%

**Question No.59**

4.00

**Bookmark** 

AGMARK was established in

- 1997
- 1967
- 1957
- 1937

**Question No.60**

4.00

**Bookmark** 

Which of the following statement is false?

- Biological Value of plant sources is more than animal sources
- Food energy is the amount of energy available from food through respiration
- Fats have the maximum amount of food energy
- Biological Value of egg white is 100 that means almost the entire amount of nitrogen in egg white can be absorbed and used by the body

**Question No.61**

4.00

**Bookmark** 

In sugarcane, sugar is stored in:

- Leaves
- Roots
- Fruit
- Stem

**Question No.62**

4.00

**Bookmark** 

The following tests are used to check the efficiency of pasteurization of milk, except for \_\_\_\_\_

- Methylene blue reduction test
- Phosphatase test
- Coliform count
- Standard plate count

**Question No.63**

4.00

**Bookmark** 

Which vitamin is the example of sugar acids?

- Vitamin E
- Vitamin C
- Vitamin D
- Vitamin A

**Question No.64**

4.00

Bookmark 

Choose the missing term:FLP, INS,LPV, ?

- VXZ
- UXZ
- ORY
- SYZ

**Question No.65**

4.00

Bookmark 

Which of the following is the most economic source of food carbohydrates?

- Fruits
- Cereal grains
- Vegetables
- Soya bean

**Question No.66**

4.00

Bookmark 

Bitterness in beer is due to the presence of \_\_\_\_\_

- Betalins
- Phenolic compounds
- Tannins
- Hops

**Question No.67**

4.00

Bookmark 

Which of the following is a non-reducing sugar?

- Lactose
- Maltose
- Sucrose
- Glucose

**Question No.68**

4.00

Bookmark 

Protein content of egg is

- 40-50%
- 11-12 %
- 20-25 %
- 5-10 %

**Question No.69**

4.00

Bookmark 

Identify the adverb in the following sentence:

We started early in order to see the sunrise.

- to see
- early
- in order
- started

**Question No.70**

4.00

**Bookmark** 

Apsychrophilic halophile would be amicrobe that prefers

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

**Question No.71**

4.00

**Bookmark** 

Fruits and vegetables contain around \_\_\_\_\_ % of water.

- 40
- 82
- 65
- 90

**Question No.72**

4.00

**Bookmark** 

Bitterness in oranges is due to

- Naringinase
- Limonoids
- Naringin
- Limonene

**Question No.73**

4.00

**Bookmark** 

Only after food has been dried \_\_\_\_\_

- that is should be stored for later consumption
- should be stored for later consumption
- should it be stored for later consumption
- it should be stored for later consumption

**Question No.74**

4.00

**Bookmark** 

Fenny is made from

- Custard apple
- Pineapple
- Apple
- Cashew apple

**Question No.75**

4.00

**Bookmark** 

What are Sequestrants?

- Added for colour
- They are added to keep the food stable
- They keep the food oxidized
- Form a complex ion with metals like copper, iron etc

**Question No.76**

4.00

Bookmark 

Iodine value measures

- Amount of carbon present
- Degree of unsaturation
- Number of iodine present
- Degree of saturation

**Question No.77**

4.00

Bookmark 

Microorganism associated with the preparation of sauerkraut?

- Lactobacillus acidophilus*
- Lactobacillus bulgaricus*
- Lactobacillus plantarum*
- Saccharomyces cerevisiae*

**Question No.78**

4.00

Bookmark 

Fish is rich in which fatty acid?

- Omega-6 fatty acid
- Linoleic acid
- Omega-3 fatty acid
- Linolenic acid

**Question No.79**

4.00

Bookmark 

Which of the following is/ class-I preservative?

- Calcium propionate
- Bromate
- Sorbic acid
- Sugar

**Question No.80**

4.00

Bookmark 

For inhibition of sprouting \_\_\_\_\_ kGy dose of irradiation is used

- 0.1-0.2
- 0.5-5
- 0.001-0.002
- 0.3-0.9

**Question No.81**

4.00

Bookmark 

Minimum total soluble solids of jam is

- 65%
- 70%
- 55%
- 60%

**Question No.82**

4.00

**Bookmark** 

During one's first few months in a new culture, one should learn the manners that are customary and \_\_\_\_\_.

- the language that is spoken there
- to be speaking language
- the spoken there language
- the language that is speaking

**Question No.83**

4.00

**Bookmark** 

Gluten is viscous and elastic in nature and is combination of

- Albumin and globulin
- Globulin and gliadin
- Gliadin and glutenin
- Glutenin and starch

**Question No.84**

4.00

**Bookmark** 

Cabbage, cauliflower, knol-knol, brussel sprouts, broccoli are:

- Root crops
- Cole crops
- Leafy vegetables
- Fruit vegetables

**Question No.85**

4.00

**Bookmark** 

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

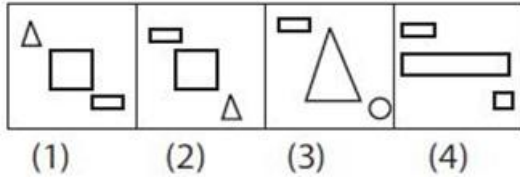
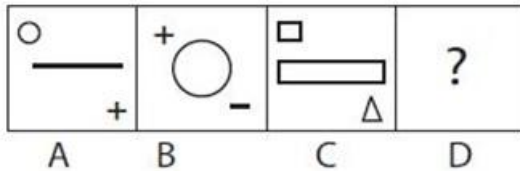
Aasha, Bhuvnesh, Charan, Danesh, Ekta, Farhan, Ganesh and Himesh are sitting around a circle, facing the centre. Aasha sits fourth to the right of Himesh while second to the left of Farhan. Charan is not the neighbour of Farhan and Bhuvnesh. Danesh sits third to the right of Charan. Himesh never sits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

Three of the following are alike in a certain way based on their positions in the seating arrangement and so form a group. Which is the one that does not belong to that group?

- DaneshCharan
- Himesh Farhan
- BhuvneshDanesh
- Ganesh Ekta

**Question No.86**

4.00

Bookmark 

- 3  
 2  
 4  
 1

**Question No.87**

4.00

Bookmark 

Prolamins are a class of proteins that are soluble in

- Water  
 Dilute alkali soluble  
 Salt solution  
 Dilute alcohol soluble

**Question No.88**

4.00

Bookmark 

Which of the following is added to fats and fat-containing substances to retard oxidation?

- Antioxidant  
 Preservative  
 Emulsifier  
 Curing agent

**Question No.89**

4.00

Bookmark 

Milk solids without fat are known as?

- Solid not fat  
 Solids none fat  
 Solid never fat  
 Solidified neutral fat

**Question No.90**

4.00

Bookmark 

Chicory is obtained from which of the following part of the plant?

- Petals  
 Root  
 Leaf  
 Stem



**Question No.91**

4.00

**Bookmark** 

Choose the best synonym of the italicized word.

The security arrangements made for the visiting dignitary were *impeccable*.

- grand
- elaborate
- flawless
- tight

**Question No.92**

4.00

**Bookmark** 

Pasta products are prepared from

- Hard wheat
- Buckwheat flour
- Durum wheat
- Soft wheat

**Question No.93**

4.00

**Bookmark** 

Which of the following is the most sweetest sugar?

- fructose
- lactose
- sucrose
- maltose

**Question No.94**

4.00

**Bookmark** 

Which of the following methods pertaining to wheat milling refers to reduction of moisture content in the wheat?

- Separation of endosperms
- Wheat Conditioning
- Cleaning
- Flour formation

**Question No.95**

4.00

**Bookmark** 

Which of the following is a climacteric fruit?

- Strawberries
- Grapes
- Apple
- Oranges

**Question No.96**

4.00

**Bookmark** 

Choose the correct meaning to the italicized idiom.

Vijay does not see *eye to eye* with me in this matter.

- To obtain suitable punishment
- To have same opinion
- To give a correct decision
- To have the same eyesight

**Question No.97**

4.00

**Bookmark** 

Oxytocin and Vasopressin are examples of:

- Alkaline
- Peptide hormones
- Glutathione
- Anserine

**Question No.98**

4.00

**Bookmark** 

Which of the following is the general formula for carbohydrates?

- $C_{m-1}(H_2O)_n$
- $C_m(H_2O)_{n+1}$
- $C_{m+1}(H_2O)_n$
- $C_m(H_2O)_n$

**Question No.99**

4.00

**Bookmark** 

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

*Orange* is to *Peel* as *Tooth* is to .....?.....

- Joints
- Gums
- Brush
- Enamel

**Question No.100**

4.00

**Bookmark** 

Which of the following terms refers to the amount of protein absorbed by the body from a food source?

- Reference pattern
- Limiting Value
- None of the mentioned
- Biological Value