

Section 1 - Section 1

Question No.1

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Bookmark

According to WHO the cut off point for anemia in adults is

- 10mg/dl
- 11mg/dl
- 13mg/dl
- 12mg/dl

Question No.2

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Bookmark

Edema is seen in _____ deficiency

- Fat
- Energy
- Carbohydrates
- Protein

Question No.3

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Mold species involved in flavor characteristics of surface ripened cheeses

- Penicillium camembertii
- Geotrichum candidum
- Aspergillus oryzae
- Debaryomyces hansenii

Question No.4

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An example for proteolytic enzyme is

- Lipase
- Pepsin
- Insulin
- Amylase

Question No.5

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Bookmark

Acid base balance is maintained by

- Stomach
- Gall bladder
- Brain
- Kidney

Question No.6

4.00

Bookmark

The temperature found in cellar storage is about _____ °C

- 5
- 0
- 10
- 15

Question No.7

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Bookmark

Nephritis is caused due to repeated infections of

- Streptococcus
- Yeasts
- E coli
- Salmonella

Question No.8

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Bookmark

Food borne illness due to a neurotoxin produced in the food:

- Salmonellosis
- Listeriosis
- Shigellosis
- Botulism

Question No.9

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Bookmark

Insulin is secreted by

- α -cells of pancreas
- δ -cells of pancreas
- β -cells of pancreas
- γ -cells of pancreas

Question No.10

4.00

Bookmark

An example of simple protein is

- Albumin
- Lecithin
- Glycoprotein
- Peptides

Question No.11

4.00

Bookmark

Approximately _____% of fruits and vegetables are wasted annually

- 30-40
- 20-30
- 10-20
- 40-50

Question No.12

4.00

Bookmark

Mixed vegetable puree is an example of _____ diet

- Normal
- Clear fluid
- Soft
- Full liquid

Question No.13

4.00

Bookmark

Species in this genus tend to be radiation resistant:

- Micrococcus*
- Staphylococcus*
- Deinococcus*
- Listeria*

Question No.14

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Bookmark

The deficiency of _____ causes pernicious anaemia.

- Pyridoxine
- Riboflavin
- Cyanocobalamin
- Thiamine

Question No.15

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Bookmark

12 men can complete a piece of work in 4 days, while 15 women can complete the same work in 4 days. 6 men start working on the job and after working for 2 days, all of them stopped working. How many women should be put on the job to complete the remaining work, if it is to be completed in 3 days?

- 13
- 15
- 14
- 10

Question No.16

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An example of invisible fat is

- Butter
- Ghee
- Dry coconut
- Vanaspathi

Question No.17

4.00

Bookmark

During winter, the poor children _____ around a makeshift fire to keep themselves warm.

- tucked
- elbowed
- huddled
- grouped

Question No.18

4.00

Bookmark

Ozone depletion in the stratosphere will cause

- Increased incidence of skin cancer
- Forest fires
- Global warming
- None

Question No.19

4.00

Bookmark

Only source of galactose is

- Milk
- Grapes
- Apple
- Malted Ragi

Question No.20

4.00

Bookmark

Protein calories in a balanced diet should be _____ % of total calories

- 40-50
- 50-60
- 20-25
- 10-12

Question No.21

4.00

Bookmark How long would it take to reduce 10^9 *Bacillus stearothermophilus* to 1 at 121°C, (Dr = 5.8 min):

- 23.8 min
- 20.4 min
- 13.6 min
- 46.4 min

Question No.22

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Gram-positive cocci used in the manufacture of yogurt

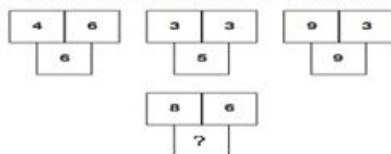
- Leuconostoc mesenteroides* subsp. *Cremonis*
- Brevibacterium linens*
- Streptococcus salivarius* subsp. *Thermophilus*
- Lactobacillus acidophilus*

Question No.23

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Which number replaces the question mark?



- 9
- 8
- 11
- 10

Question No.24

4.00

Bookmark

Statement: Difficult questions need diagram for solving.

Assumptions:

- I. The students are not intelligent.
- II. Such questions cannot be solved.
 - If neither I nor II is implicit
 - If only assumption I is implicit
 - If only assumption II is implicit
 - If both I and II are implicit

Question No.25

4.00

Bookmark

Protein deficiency leads to

- Undernutrition
- Overnutrition
- Kwashiorkar
- Marasmus

Question No.26

4.00

Bookmark

Nissl granules are found in

- Nerve cell
- Brain
- Hepatic cells
- Nephron

Question No.27

4.00

Bookmark

World food day is celebrated on

- 16th October
- 16th August
- 16th November
- 16th September

Question No.28

4.00

Bookmark

Bile juice is essential for digestion of

- Protein
- Fat
- Carbohydrate
- Calcium

Question No.29

4.00

Bookmark

Ribosome is center (site) for

- Glucose synthesis
- Protein synthesis
- Lipid synthesis
- Respiration

Question No.30

4.00

Bookmark

Statement: Vitamin E tablets improve the blood circulation and keep the complexion glowing.

Assumptions :

- I. People like glowing complexion
 - II. Complexion becomes dull in the absence of circulation
- If only assumption I is implicit
 - If neither I nor II is implicit
 - If both I and II are implicit
 - If only assumption II is implicit

Question No.31

4.00

Bookmark

Type of diet to be prescribed for uric acid and cysteine stone is

- Low oxalate diet
- High fat diet
- Acid ash diet
- Alkali ash diet

Question No.32

4.00

Bookmark

Metabolic rate increases in

- Obesity
- Diabetes
- Liver diseases
- Fever

Question No.33

4.00

Bookmark

Prevalence of Bitot Spot to call it a public health problem is

- >0.10 %
- >0.05 %
- >0.01 %
- >0.50 %

Question No.34

4.00

Bookmark

Essential amino acid limiting in cereals is

- Lysine
- Methionine
- Tyrosine
- Glycine

Question No.35

4.00

Bookmark

Protein present in maize is

- Albumin
- Gluten
- Zein
- Keratin

Question No.36

4.00

Bookmark

Cholera is caused by

- Saccharomyces cerevisiae
- Mycobacterium tuberculosis
- Staphylococci typhi
- Vibrio cholera

Question No.37

4.00

Bookmark

Choose the synonym of the italicized word. Vanita bore the pain with great *fortitude*.

- resilience
- defiance
- soreness
- indifference

Question No.38

4.00

Bookmark

Clear fluid diet if planned properly is nutritionally

- Clear fluid diet should not be planned
- Inadequate
- Adequate
- Grossly inadequate

Question No.39

4.00

Bookmark

Only incomplete animal protein is

- Gelatin
- Zein
- Glycogen
- Keratin

Question No.40

4.00

Bookmark

The D Value for *Staphylococcus aureus* would be higher in:

- Cream
- Whole milk
- Whey
- Skim milk

Question No.41

4.00

Bookmark

If ROSE is coded as 6821, CHAIR as 73456, and PREACH as 961473, what will be the code for SEARCH?

- 216437
- 217364
- 123746
- 214673

Question No.42

4.00

Bookmark

Normal blood pressure _____ mmHg

- 100/80
- 130/40
- 120/80
- 90/120

Question No.43

4.00

Bookmark

I sincerely _____ the inconvenience caused to you because of my delay.

- regret about
- regret
- regret of
- regret on

Question No.44

4.00

Bookmark

T-Lymphocytes first mature in

- Spleen
- Thymus
- Liver
- Pancreas

Question No.45

4.00

Bookmark

The unit of measuring radiation is

- Kcal
- Gram
- Liter
- Rad

Question No.46

4.00

Bookmark

Components of starch are amylose and

- Amylopectin
- Cellulose
- Dextrin
- Glucose

Question No.47

4.00

Bookmark

The enzyme employed in digestion of fat is

- Lipase
- Insulin
- Pepsin
- Pancreatin

Question No.48

4.00

Bookmark

Amount of protein present in soyabean is _____%

- 40
- 25
- 35
- 30

Question No.49

4.00

Bookmark

Permanent hardness of water can be removed by

- Base exchange process
- Addition of lime
- Boiling
- Addition of tamarind

Question No.50

4.00

Bookmark

One gram of ghee provides _____Kcal of energy

- 4
- 5
- 9
- 7

Question No.51

4.00

Bookmark

Nisin is a

- Antibiotic
- Preservative
- Flavourant
- Colourant

Question No.52

4.00

Bookmark

In celiac disease _____ should be excluded from diet

- Dhals
- Rice
- Methi leaves
- Wheat

Question No.53

4.00

Bookmark

External examination of the body for changes in superficial epithelial tissue is

- Dietary assessment
- Clinical examination
- Anthropometry
- Chemical analysis

Question No.54

4.00

Bookmark

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

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

Who sits second to the right of Danesh?

- Aasha
- Bhuvnesh
- Ekta
- Charan

Question No.55

4.00

Bookmark

Reabsorption of water in the kidney is controlled by

- Antidiuretic hormone
- Aldosterone
- Oxytocin
- Growth hormone

Question No.56

4.00

Bookmark

In fat spreads mono and diglycerides of stearate function as:

- Emulsifiers
- Plasticisers
- Stabilizers
- Thickeners

Question No.57

4.00

Bookmark

Psychologists _____ that having a set of cherished companions is crucial to mental well-being.

- have been knowing for long
- have been known for long
- have known long
- have long known

Question No.58

4.00

Bookmark

Which of the following best describes the polysaccharide cellulose?

- α 1,4-O- β -linked poly-D-glucose
- α 1,4-O- α -linked poly-D-glucose
- α 1,4-O- β -linked poly-D-galactose
- α 1,4-O- α -linked poly-D-galactose

Question No.59

4.00

Bookmark

Of the following, which one acts as an antibacterial agent?

- Lysine
- Lecithin
- Lysosome
- Lysozyme

Question No.60

4.00

Bookmark

If in a certain code, RIPPLE is coded as 613382 and LIFE is written as 8192. How is PILLER written in that code?

- 318286
- 318826
- 618826
- 338816

Question No.61

4.00

Bookmark

Correct the error in the italicized sentence by choosing the most appropriate options. He said firmly that he would rather *starve to stealing* to get what he needed.

- starve to rather stealing
- starve to rather steal
- rather starve than steal
- rather starving to stealing

Question No.62

4.00

Bookmark

The organ that secretes bile is

- Gall bladder
- Kidney
- Brain
- Liver

Question No.63

4.00

Bookmark

Constipation caused due to lack of fluid is

- Spastic
- Atonic
- Tonic
- Obstructive

Question No.64

4.00

Bookmark

Pasteurization is designed to:

- Make material almost sterile.
- Kill all living organisms present in the material being treated.
- Reduce the number of thermophilic organisms
- Reduce the number of potentially harmful organisms.

Question No.65

4.00

Bookmark

Heart of normal individual weighs

- 300g
- 200g
- 500g
- 400g

Question No.66

4.00

Bookmark

The functional role of sodium benzoate in fruit jam is as a:

- Stabilizer
- Antimicrobial
- Acidulant
- Antioxidant

Question No.67

4.00

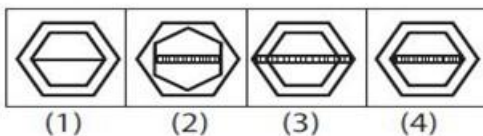
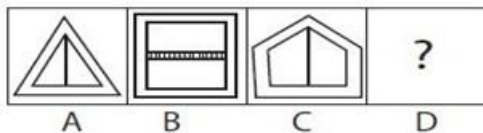
Bookmark

Which of the following is not direct method of assessing nutritional status

- Diet survey
- Clinical examination
- Hemoglobin estimation
- Anthropometric measurements

Question No.68

4.00

Bookmark 

- 1
- 2
- 3
- 4

Question No.69

4.00

Bookmark

Kupffer's cells are found in

- Spleen
- Brain
- Bones
- Liver

Question No.70

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 human scarecrow?

- B
- E
- D
- C

Question No.71

4.00

Bookmark

An example of essential fatty acid

- Palmitic acid
- Lauric acid
- Linoleic acid
- Stearic acid

Question No.72

4.00

Bookmark

Heart covering is called

- Pleural membrane
- Peritoneum
- Myocardium
- Pericardium

Question No.73

4.00

Bookmark

Cancer patients should be given diet rich in

- Calorie
- Antioxidants
- Fat
- Protein

Question No.74

4.00

Bookmark

Power house of a cell is

- Mitochondria
- Golgi apparatus
- Ribosomes
- Nucleus

Question No.75

4.00

Bookmark

Choose the best antonym of the italicized word. Hob's *flippancy* makes it difficult to have a prolonged conversation with him.

- vanity
- pleasant
- seriousness
- reticence

Question No.76

4.00

Bookmark

Low methoxy pectins gel in the presence of:

- Sugar
- Calcium ions
- Acid
- Chloride ions

Question No.77

4.00

Bookmark

Vinegar contains _____ % acetic acid

- 4
- 1
- 2
- 3

Question No.78

4.00

Bookmark

Food rich in oxalates is

- Leafy vegetables
- Banana
- Fish
- Milk

Question No.79

4.00

Bookmark

When carrot is dried in the following forms, which will have the highest drying rates?

- chopped
- grated
- diced
- sliced

Question No.80

4.00

Bookmark

The food that inhibits iron absorption

- Tea
- Papaya
- Amla
- Lemon

Question No.81

4.00

Bookmark

Enzyme present in saliva is

- Pancreatin
- Amylase
- Lipase
- Pepsin

Question No.82

4.00

Bookmark

Bacteria that is Gram-positive, Catalase-negative Rod:

- Clostridium perfringens*
- Staphylococcus aureus*
- Listeria monocytogenes*
- Lactobacillus delbrueckii*

Question No.83

4.00

Bookmark

Sucrose comprises of glucose and _____

- Glucose
- Sucrose
- Fructose
- Lactose

Question No.84

4.00

Bookmark

Polyols do not react with amino acids and cause Maillard browning because:

- They are polymerized
- They are non-reducing
- They are reducing
- They are hydrolysed

Question No.85

4.00

Bookmark

Melatonin is secreted by _____ gland

- Pituitary
- Adrenal
- Pineal
- Thyroid

Question No.86

4.00

Bookmark

Head quarters of WHO is

- Chicago
- Paris
- Rome
- Geneva

Question No.87

4.00

Bookmark

Three years ago the average age of A and B was 18 years. If C joins them today, the average becomes 22 years. How old is C now?

- 26
- 28
- 24
- 32

Question No.88

4.00

Bookmark

Scarcely had I reached the railway station when the New Delhi Express took off.

The underlined words are

- verbs
- conjunctions
- pronouns
- adverbs

Question No.89

4.00

Bookmark

β -Glucan present in oats is:

- Neutral detergent fibre
- resistant fibre
- soluble fibre
- insoluble fibre

Question No.90

4.00

Bookmark

The membranes of the psychrophiles will have higher levels of _____ fatty acids than the membranes of the mesophiles.

- saturated
- cis unsaturated
- trans unsaturated
- both saturated and unsaturated

Question No.91

4.00

Bookmark

Species responsible for "eyes" in Swiss cheese:

- Brevibacterium linens*
- Pseudomonas fluorescens*
- Propionibacterium freudenreichii*
- Acinetobacter calcoaceticus*

Question No.92

4.00

Bookmark

Keeping out microorganisms is called

- Fermentation
- Canning
- Blanching
- Asepsis

Question No.93

4.00

Bookmark

Although there are _____ outbursts of gunfire, the evening news reported that the major rebellion has been suppressed.

- meagre
- heinous
- sporadic
- bitter

Question No.94

4.00

Bookmark

Moisture retention agents are also called

- Humectants
- Flavor enhancers
- Anticaking agents
- Preservatives

Question No.95

4.00

Bookmark

Process of bringing frozen food to normal temperature is called

- Thawing
- Blanching
- Syneresis
- Gelation

Question No.96

4.00

Bookmark

Deficiency of Vitamin D leads to:

- Xerophthalmia
- Beriberi
- Nyctalopia
- Osteomalacia

Question No.97

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.

Denigrate is to *Devalue* as *Upgrade* is to?.....

- Praise
- Debase
- Devalue
- Promote

Question No.98

4.00

Bookmark

Based on the information given answer the following question.

1. In a family of six persons, there are people from three generations. Each has separate professions and they like different colours. There are two couples.
2. Shyam is an Engineer and his wife is not a doctor and she does not like Red colour.
3. Chartered Accountant likes green colour and his wife is a teacher.
4. Manisha is the mother-in-law of Sunita and she likes orange colour.
5. Vimal is the grand father of Tarun and tarun is the Principal and likes black colour.
6. Nyna is the grand daughter of Manisha and she likes blue colour. Nyna's Mother likes white colour.

How many ladies are there in the family?

- 4
- 3
- Cannot be determined
- 2

Question No.99

4.00

Bookmark

FSSAI stands for

- Food Security and Standards Authority of India
- Food Standards and Safety Authority of India
- Food Standards and Social Authority of India
- Food Safety and Standards Authority of India

Question No.100

4.00

Bookmark

Species responsible for thermophilic flat-sour defect in canned foods:

- Clostridium butyricum*
- Bacillus polymyxa*
- Bacillus stearothermophilus*
- Clostridium thermosaccharolyticum*