

Osmania University Common Entrance Test

Notations :

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

Question Paper Name:	MSc Nutrition and Dietetics 12th June 2018 Shift 2
Subject Name:	M.Sc. Nutrition and Dietetics
Creation Date:	2018-06-12 15:34:16
Duration:	90
Total Marks:	100
Display Marks:	No
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No

MSc Nutrition and Dietetics

Group Number :	1
Group Id :	359181153
Group Maximum Duration :	0
Group Minimum Duration :	90
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	100

PART A

Section Id :	359181330
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	40
Number of Questions to be attempted:	40
Section Marks:	40
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	359181355
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 35918115792 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following molecule does not contain sulfur?

Options :

1. ✖ Cysteine

2. ✔ Cytosine

3. ✖ Methionine

4. ✖ Cystine

Question Number : 2 Question Id : 35918115793 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

An octapeptide contains

Options :

1. ✖ Eight peptide chains

2. ✖ Eight peptide bonds

3. ✔ Eight amino acid residues

4. ✖ Eight protein subunits

Question Number : 3 Question Id : 35918115794 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

INQ stands for

Options :

1. ✔ Index of nutritional quality

2. ✖ International Nutritional quotient

3. ✖ Indian nutritional quotient

4. ✖ Index of nutritional quantity

Question Number : 4 Question Id : 35918115795 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following statement is **TRUE** about ATP :

Options :

1. ✗ ATP contains no high energy bonds
2. ✗ ATP contains one high energy bond
3. ✗ ATP contains three high energy bonds
4. ✓ ATP contains two high energy bonds

Question Number : 5 Question Id : 35918115796 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following is a common metabolic pathway for carbohydrates, proteins and lipids:

Options :

1. ✗ Glycolysis
2. ✓ Citric acid cycle
3. ✗ Urea cycle
4. ✗ Pentose phosphate pathway

Question Number : 6 Question Id : 35918115797 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

If 180 μg of glucose is released from starch in five minutes by the action of amylase, then its activity will be:

Options :

1. ✓ 36 $\mu\text{moles per minute}$
2. ✗ 180 $\mu\text{g per minute}$
3. ✗ 900 $\mu\text{moles per minute}$
4. ✗ 900 $\mu\text{g per minute}$

Question Number : 7 Question Id : 35918115798 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Honey is rich in

Options :

1. ✖ Galactose
2. ✖ Lactose
3. ✔ Fructose
4. ✖ Trehalose

Question Number : 8 Question Id : 35918115799 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Chondroitin sulfate acts as a

Options :

1. ✖ Moisturizer in the eyes
2. ✖ Artificial sweetener
3. ✖ Lubricant in the lungs
4. ✔ Lubricant in skeletal joints

Question Number : 9 Question Id : 35918115800 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

When proteins react with reducing sugars resulting in caramelization it is referred as

Options :

1. ✖ Van Slyke reaction
2. ✖ Libermann Buchard reaction
3. ✖ Edman reaction
4. ✔ Maillard reaction

Question Number : 10 Question Id : 35918115801 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

One kcal of energy is equivalent to:

Options :

1. ✖ 2.151 kJ

2. ✔ 4.184 kJ

3. ✖ 10 kJ

4. ✖ 0.5 kJ

Question Number : 11 Question Id : 35918115802 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following group of enzymes can form bonds between two different molecules, coupled to ATP hydrolysis?

Options :

1. ✖ Hydrolases

2. ✔ Ligases

3. ✖ Transferases

4. ✖ Isomerases

Question Number : 12 Question Id : 35918115803 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Best examples as humectants

Options :

1. ✖ Aspartic acid and Glutamic acid

2. ✖ Glucose and fructose

3. ✔ Glycerin and sorbitol

4. ✖ Fatty acids

Question Number : 13 Question Id : 35918115804 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Who among the following group of Scientists are associated with early research on enzymes.

Options :

1. ✔ Fredrick W Kuhne, Eduard Buchner & James Sumner
2. ✖ James Watson, Francis Crick & Barbara McIntok
3. ✖ Madam Curie, Rosalind Francis & Emil Fischer
4. ✖ Haragobind Khorana, Arthur Kornberg & Linus Pauling

Question Number : 14 Question Id : 35918115805 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The molecular formula for palmitic acid is represented as:

Options :

1. ✖ $\text{CH}_3(\text{CH}_2)_{10} \text{COOH}$
2. ✖ $\text{CH}_3(\text{CH}_2)_{20} \text{COOH}$
3. ✖ $\text{CH}_3(\text{CH}_2)_{22} \text{COOH}$
4. ✔ $\text{CH}_3(\text{CH}_2)_{14} \text{COOH}$

Question Number : 15 Question Id : 35918115806 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Fatty acids containing C-C double bonds in their hydrocarbon structure are called

Options :

1. ✖ Essential fatty acids
2. ✔ Unsaturated fatty acids
3. ✖ Free fatty acids

4. ✖ Saturated fatty acids

Question Number : 16 Question Id : 35918115807 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which one of the following is the coenzyme form of Vitamin B₆

Options :

1. ✔ Pyridoxal phosphate

2. ✖ NAD

3. ✖ Thiamine pyrophosphate

4. ✖ FAD

Question Number : 17 Question Id : 35918115808 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Lysine deficiency is a common feature of most of the

Options :

1. ✖ Pulses

2. ✖ Fleshy foods

3. ✔ Cereals

4. ✖ Milk products

Question Number : 18 Question Id : 35918115809 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Baking powder used in baking of cakes acts as

Options :

1. ✖ Gelatinizing agent

2. ✖ Tenderizer

3. ✖ Browning agent

Leavening agent

4. 

Question Number : 19 Question Id : 35918115810 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Fish is a rich source for

Options :

1.  Proteins

2.  D-amino acids

3.  L-sugars

4.  ω -3 PUFA

Question Number : 20 Question Id : 35918115811 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Triacylglycerides are fats containing:

Options :

1.  Glycerol esterified with cholesterol

2.  Glycerol esterified with Fatty acids

3.  Glycerol esterified with amino acids

4.  Glycerol esterified with alcohol

Question Number : 21 Question Id : 35918115812 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Edible Mushrooms belong to?

Options :

1.  Plant kingdom

2.  Fungal kingdom

3. ✖ Animal kingdom

4. ✖ Prokaryotes

Question Number : 22 Question Id : 35918115813 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Margarine is produced using

Options :

1. ✖ Olive oil

2. ✖ Groundnut seeds

3. ✔ Soyabean and cotton seed oils

4. ✖ Rice bran oil

Question Number : 23 Question Id : 35918115814 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Diet that is low in carbohydrates and high in protein is called:

Options :

1. ✔ Atkins diet

2. ✖ Bland diet

3. ✖ Portfolio diet

4. ✖ Karell diet

Question Number : 24 Question Id : 35918115815 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Rancidity of oils during storage can be prevented by

Options :

1. ✖ Use of antioxidants

2. ✖ Use of coloured glass containers

3. ✖ Vacuum packaging

4. ✔ All

Question Number : 25 Question Id : 35918115816 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Argemone is found as a common adulterant in one of the following edible oils

Options :

1. ✖ Olive oil

2. ✔ Mustard oil

3. ✖ Sesame oil

4. ✖ Coconut oil

Question Number : 26 Question Id : 35918115817 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Corn and groundnut are prone to infestation by which of the following pathogens

Options :

1. ✔ *Aspergillus flavus*

2. ✖ *Staphylococcus aureus*

3. ✖ *Mycobacterium tuberculosis*

4. ✖ *Penicillium notatum*

Question Number : 27 Question Id : 35918115818 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Primary hepatocellular carcinoma is caused by one of the following natural toxins

Options :

1. ✖ Ochratoxins

2. ✖ T₂-toxin

3.  Aflatoxin B₁

4.  Ergotamine

Question Number : 28 Question Id : 35918115819 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Linoleic and alpha-linolenic are :

Options :

1.  Essential amino acids

2.  Non-essential amino acids

3.  Non-essential fatty acids

4.  Essential fatty acids

Question Number : 29 Question Id : 35918115820 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The hormones that reduce food intake

Options :

1.  Gastrin and adrenalin

2.  Thyroid and parathyroid hormones

3.  Glucagon and cholecystokinin

4.  Insulin and leptin

Question Number : 30 Question Id : 35918115821 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

One of the following is **NOT** a milk product

Options :

1.  Khoa

2.  Lard

3. ❌ Rabri

4. ❌ Dahi

Question Number : 31 Question Id : 35918115822 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following food grains is used in preparing Macaroni products?

Options :

1. ❌ Rice

2. ✔️ Wheat

3. ❌ Jowar

4. ❌ Ragi

Question Number : 32 Question Id : 35918115823 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

High fructose corn syrup is prepared by

Options :

1. ❌ Using Amylase

2. ❌ Heating corn syrup

3. ✔️ Glucose isomerase enzyme

4. ❌ Freezing corn syrup

Question Number : 33 Question Id : 35918115824 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Dough making using wheat flour is far superior to any other cereals due to the interaction of

Options :

1. ✔️ Gluten, lipids, water and agitation

2. ❌ mechanical agitation

3. ✖ Gluten, lipids and agitation

4. ✖ Gluten

Question Number : 34 Question Id : 35918115825 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following is essential in blood clotting process.

Options :

1. ✖ Vitamin E

2. ✖ Niacin

3. ✖ Thiamin

4. ✔ Vitamin K

Question Number : 35 Question Id : 35918115826 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The headquarters of the World Health Organization is located at

Options :

1. ✖ Germany

2. ✔ Geneva

3. ✖ San Francisco

4. ✖ Georgia

Question Number : 36 Question Id : 35918115827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Avena sativa is the scientific name of

Options :

1. ✔ Oats

2. ✖ Rye

3. ✖ Brown rice

4. ✖ Millets

Question Number : 37 Question Id : 35918115828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Sodium benzoate is used in preparation of tomato ketchup as

Options :

1. ✖ Adulterant

2. ✖ Flavoring agent

3. ✔ Preservative

4. ✖ Gelling agent

Question Number : 38 Question Id : 35918115829 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following statement is **FALSE**?

Options :

1. ✖ Vitamin C is also known as ascorbic acid

2. ✖ Deficiency of Vitamin C causes scurvy

3. ✖ Vitamin C is required in collagen formation

4. ✔ Ascorbic acid is an oxidising agent

Question Number : 39 Question Id : 35918115830 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

For people suffering with hypertension the diet should contain

Options :

1. ✖ Low fat

- 2. ✖ Low sodium
- 3. ✖ Low protein
- 4. ✔ Low fat & low sodium

Question Number : 40 Question Id : 35918115831 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

Which of the following Fasting blood glucose levels indicate an impaired glucose tolerance?

Options :

- 1. ✖ Less than 100 mg dL⁻¹
- 2. ✔ 100 to 125 mg dL⁻¹
- 3. ✖ More than 125 mg dL⁻¹
- 4. ✖ None

PART B

Section Id :	359181331
Section Number :	2
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	60
Number of Questions to be attempted:	60
Section Marks:	60
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	359181356
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 35918115832 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

Which of the following is an Indian cottage cheese?

Options :

- 1. ✖ Cheddar

2. ✓ Paneer

3. ✗ Mozerrella

4. ✗ Roqufort

Question Number : 42 Question Id : 35918115833 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Choose the odd statement

Options :

1. ✗ Egg white is rich in proteins

2. ✗ Egg yolk is rich in fats and vitamins

3. ✓ Egg yolk is non-edible

4. ✗ Egg white is used as a foaming agent

Question Number : 43 Question Id : 35918115834 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

In India the production of double fortified salt refers to

Options :

1. ✓ Addition of iodine and iron to common Salt

2. ✗ Addition of Vitamin A and iron to common Salt

3. ✗ Addition of Vitamin B and C to common Salt

4. ✗ Addition of Ni and Zn to common Salt

Question Number : 44 Question Id : 35918115835 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Cholelithiasis is one of gastrointestinal disorder and refers to

Options :

1. ✗ Liver damage

2. ✗ Damage to small intestine

3. ✖ Pancreatic disorder

4. ✔ Gall stones formation

Question Number : 45 Question Id : 35918115836 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Megaloblastic anemia is a deficiency disorder of

Options :

1. ✖ Biotin

2. ✔ Folic acid

3. ✖ Ascorbic acid

4. ✖ Thiamin

Question Number : 46 Question Id : 35918115837 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Deficiency of β -glucosidase lactase enzyme in adults causes

Options :

1. ✔ Lactose intolerance

2. ✖ Galactose intolerance

3. ✖ Glucose intolerance

4. ✖ Hyperglycemia

Question Number : 47 Question Id : 35918115838 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of following statement is **TRUE** about Phosphatidylcholine?

Options :

1. ✖ It is not a lipid and is soluble in water

2. ✖ It is a neurotransmitter

3. ✔ It is also called as lecithin and richly present in egg yolk

4. ✖ It is a carrier molecule for lipids

Question Number : 48 Question Id : 35918115839 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Quinoa is the name of a type of

Options :

1. ✖ Vegetable

2. ✖ Tuber

3. ✖ Fruit

4. ✔ Cereal like food grain

Question Number : 49 Question Id : 35918115840 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following statements is **TRUE**?

Options :

1. ✖ Iodine is a macronutrient

2. ✖ Iodine deficiency causes Jaundice

3. ✖ Iodine is a metal hormone

4. ✔ Iodine is required in the synthesis of thyroid

Question Number : 50 Question Id : 35918115841 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following subjects focuses on promotion of good health and prevention of diet related diseases in populations?

Options :

1. ✖ Nutritional Biochemistry

2. ✓ Community Nutrition

3. ✗ Clinical Nutrition

4. ✗ Nutrigenomics

Question Number : 51 Question Id : 35918115842 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following diseases are caused by pathogenic organisms?

Options :

1. ✗ Non-communicable diseases

2. ✓ Communicable diseases

3. ✗ Inborn errors of metabolism

4. ✗ Protein energy malnutrition

Question Number : 52 Question Id : 35918115843 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The full form of HACCP is

Options :

1. ✗ Hazard analysis community cost point

2. ✗ Human analysis consumption control point

3. ✓ Hazard analysis critical control point

4. ✗ None

Question Number : 53 Question Id : 35918115844 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

During extensive workouts athletes need to make up the fluid losses by consuming

Options :

1. ✓ Sufficient electrolytes & water

2. ✗ Beverages

3. ✗ Butter milk

4. ✗ Milk

Question Number : 54 Question Id : 35918115845 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

If in a container there are 10 molecules of H_2O , the total molecular mass of water would be

Options :

1. ✗ 150 g

2. ✗ 160 g

3. ✗ 170g

4. ✓ 180 g

Question Number : 55 Question Id : 35918115846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Alkaptonuria is an inborn error of which metabolic pathway.

Options :

1. ✗ Tyrosine

2. ✓ Phenylalanine and tyrosine

3. ✗ Phenylalanine

4. ✗ Tryptophan

Question Number : 56 Question Id : 35918115847 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Finger millet is the other name for

Options :

1. ☒ Ragi
2. ☐ Jowar
3. ☐ Maize
4. ☐ Rye

Question Number : 57 Question Id : 35918115848 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

A strict vegetarian is most likely to develop deficiency of

Options :

1. ☐ Vitamin C
2. ☐ Vitamin A
3. ☒ Vitamin B₁₂
4. ☐ Vitamin D

Question Number : 58 Question Id : 35918115849 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Urea cycle disorders result in

Options :

1. ☐ Hyper-urea
2. ☐ Hypo-ammonemia
3. ☐ Hypokalemia

4.  Hyper- ammonemia

Question Number : 59 Question Id : 35918115850 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

The major objective of Mid-day meal programme by the Govt. of India is to

Options :

1.  Provide free lunch to patients in hospitals
2.  Provide free lunch to College students
3.  Provide free lunch to pregnant women
4.  Attract large number of children to schools and simultaneously provide nutrition.

Question Number : 60 Question Id : 35918115851 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

Which one of the following is a lipoprotein?

Options :

1.  Liposomes
2.  Chylomicron
3.  Micelle
4.  Immunoglobulin

Question Number : 61 Question Id : 35918115852 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

Which of the following drugs can reduce cholesterol levels in blood?

Options :

1.  Aspirin
2.  Statins

3. ✖ Paracetamol

4. ✖ Metformin

Question Number : 62 Question Id : 35918115853 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Thalassemia is a genetic disorder of hemoglobin which results due to

Options :

1. ✖ Defective Heme synthesis

2. ✖ Fe²⁺ deficiency

3. ✔ Defective globin chain synthesis

4. ✖ Defective RBCs

Question Number : 63 Question Id : 35918115854 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Retinol is the active form of

Options :

1. ✔ Vitamin A

2. ✖ Vitamin B

3. ✖ Vitamin C

4. ✖ Vitamin D

Question Number : 64 Question Id : 35918115855 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Proximate analysis of food refers to content of

Options :

1. ✖ Proteins

2. ✖ Fats

3. ✖ Carbohydrates

4. ✔ Carbohydrates, Proteins, Fats and Ash.

Question Number : 65 Question Id : 35918115856 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

Phenylketonuria can be treated by

Options :

1. ✖ Supplementing Phenylalanine in diet

2. ✔ Restricting Phenylalanine in diet

3. ✖ Intravenous administration of phenylalanine

4. ✖ Oral administration of phenylalanine

Question Number : 66 Question Id : 35918115857 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

Presence of which of the following in vegetable oils prevents rancidity.

Options :

1. ✔ Antioxidants

2. ✖ Moisture

3. ✖ Natural pigments

4. ✖ Minerals

Question Number : 67 Question Id : 35918115858 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

During microwave cooking one of the following is an important criteria

Options :

1. ✖ Food should contain excess oil

2. ✖ Food should have high protein

3. ✔ Food should have moisture

4. ✖ Food should be moisture free

Question Number : 68 Question Id : 35918115859 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The end product of glycolysis is

Options :

1. ✖ Citric acid

2. ✖ CO₂

3. ✖ H₂O

4. ✔ Pyruvate

Question Number : 69 Question Id : 35918115860 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following can be considered as a nutraceutical?

Options :

1. ✖ Antibiotics

2. ✖ Vaccines

3. ✖ Interferons

4. ✔ Curcumin

Question Number : 70 Question Id : 35918115861 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Preservation of food by heating at high temperatures is called

Options :

1. ✖ Caramalization

2. ✓ Pasteurization

3. ✗ Sterilization

4. ✗ Thermalization

Question Number : 71 Question Id : 35918115862 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Meal containing 10g protein, 5g fat and 50g carbohydrate would provide total calories of:

Options :

1. ✗ 400 kcal

2. ✓ 285 kcal

3. ✗ 300 kcal

4. ✗ 115kcal

Question Number : 72 Question Id : 35918115863 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Lard is a fat obtained by rendering of adipose tissue from

Options :

1. ✗ Sheep

2. ✗ Bovine

3. ✓ Pigs

4. ✗ Chicken

Question Number : 73 Question Id : 35918115864 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Pernicious anemia is condition during which

Options :

1. ✓ The bone marrow is unable to produce mature RBCs

2. ✖ RBCs are crescent shaped

3. ✖ Blood Platelets are deficient

4. ✖ WBCs are deficient.

Question Number : 74 Question Id : 35918115865 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Dietary fibre that stimulates the growth of beneficial bacteria in the gut act as

Options :

1. ✖ Antibiotics

2. ✖ Gastric stimulators

3. ✖ Probiotics

4. ✔ Prebiotics

Question Number : 75 Question Id : 35918115866 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Glycosylated hemoglobin is a good biochemical marker for detection of

Options :

1. ✖ Cardiovascular diseases

2. ✔ Diabetes

3. ✖ Thyroid disorders

4. ✖ Chronic renal failure

Question Number : 76 Question Id : 35918115867 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

An elevated level of the enzyme alanine amino transferase indicates

Options :

1. ✔ Liver damage

- 2. ✖ Kidney damage
- 3. ✖ Brain damage
- 4. ✖ Heart disease

Question Number : 77 Question Id : 35918115868 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following is an artificial sweetener of plant origin?

Options :

- 1. ✖ Aspartame
- 2. ✖ Saccharin
- 3. ✔ Stevia
- 4. ✖ Acesulfame K

Question Number : 78 Question Id : 35918115869 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Which of the following is a purine metabolic disorder?

Options :

- 1. ✖ Cushing's syndrome
- 2. ✖ Maple syrup urine disease
- 3. ✖ Cystinuria
- 4. ✔ Gout

Question Number : 79 Question Id : 35918115870 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The hormone which is important for the maturation of erythroblasts to RBCs is

Options :

- 1. ✖ Retinopoietin
- 2. ✖ Retinoplastin

3. ✖ Erythroplastin

4. ✔ Erythropoietin

Question Number : 80 Question Id : 35918115871 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Osteomalacia can be treated by providing

Options :

1. ✖ Calcium and phosphates

2. ✔ Vitamin D and calcium

3. ✖ High protein diet

4. ✖ Low protein diet

Question Number : 81 Question Id : 35918115872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Patients suffering from chronic diseases can be advised suitable diets with the help of

Options :

1. ✖ Balanced diet chart

2. ✔ Food exchange lists

3. ✖ Food pyramid

4. ✖ Normal food menu

Question Number : 82 Question Id : 35918115873 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The criteria for obesity in females in terms of body fat percentage

Options :

1. ✖ 15-20%

2. ✖ 20-25%

3. ✓ >33 %

4. ✗ < 30%

Question Number : 83 Question Id : 35918115874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Cholic acid and chenodeoxycholic acid are

Options :

1. ✓ Bile acids synthesized in liver

2. ✗ Amino acids

3. ✗ toxic acids

4. ✗ Not useful for digestion

Question Number : 84 Question Id : 35918115875 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Protein energy malnutrition relates to

Options :

1. ✗ Impure Protein

2. ✗ Excess of protein intake

3. ✗ Denatured protein

4. ✓ Inadequate intake of proteins and calories

Question Number : 85 Question Id : 35918115876 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Feeding ill patients by TPN means

Options :

1. ✗ Total plasma nutrition

2. ✓ Total parenteral (intravenous) nutrition

3. ✖ Total potassium nutrition

4. ✖ Total protein nutrition

Question Number : 86 Question Id : 35918115877 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

The first flow of milk secreted by mammary glands, immediately after delivery is called

Options :

1. ✔ Colostrum

2. ✖ Lactum

3. ✖ Casein

4. ✖ Lactalbumin

Question Number : 87 Question Id : 35918115878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

Among the following foods the Glycemic index (GI) would be least for.

Options :

1. ✖ Whole wheat

2. ✖ Banana

3. ✔ Peanuts

4. ✖ Milk

Question Number : 88 Question Id : 35918115879 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

Normal saline contains,

Options :

1. ✖ 0.5% NaOH

2. ✓ 0.85% NaCl

3. ✗ 1.0% KCl

4. ✗ 0.1% NaCl

Question Number : 89 Question Id : 35918115880 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

With reference to enzymes, which one of the following statements is true?

Options :

1. ✗ Holoenzyme=Coenzyme–Apoenzyme

2. ✗ Apoenzyme=Holoenzyme+Coenzyme

3. ✗ Coenzyme=Apoenzyme+Holoenzyme

4. ✓ Holoenzyme=Apoenzyme+Coenzyme

Question Number : 90 Question Id : 35918115881 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Instrument used to measure the absorbance or optical density of a sample is:

Options :

1. ✗ Bomb Calorimeter

2. ✓ Colorimeter

3. ✗ Fluorimeter

4. ✗ Manometer

Question Number : 91 Question Id : 35918115882 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The outer most covering of the whole grains is called

Options :

1. ✗ Ectoderm

- 2. ☒ Bran
- 3. ☐ Crease
- 4. ☐ Endosperm

Question Number : 92 Question Id : 35918115883 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

Exposure to allergens stimulates the production of

Options :

- 1. ☐ Epinephrine
- 2. ☐ Serotonin
- 3. ☒ Histamine and Kinin
- 4. ☐ Estrogen

Question Number : 93 Question Id : 35918115884 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

One of the following constitutes 5-20% of Vinegar

Options :

- 1. ☒ Acetic acid
- 2. ☐ Hydrochloric acid
- 3. ☐ Lactic acid
- 4. ☐ Citric acid

Question Number : 94 Question Id : 35918115885 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

The lactase insufficiency in the effected individual can be overcome by

Options :

- 1. ☐ Consuming plenty of milk

- 2. ✖ Consuming milk based products
- 3. ✔ Eliminating milk and milk based products from diet
- 4. ✖ Consuming lactose

Question Number : 95 Question Id : 35918115886 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

The active form of Vitamin D that is formed in the kidneys is

Options :

- 1. ✖ 7-dehydrocholesterol
- 2. ✔ 1,25 dihydroxycholecalciferol
- 3. ✖ 25-hydroxycholecalciferol
- 4. ✖ Ergocalciferol

Question Number : 96 Question Id : 35918115887 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Hypercholesterimia leads to

Options :

- 1. ✔ Atherosclerosis
- 2. ✖ Diabetes
- 3. ✖ Renal failure
- 4. ✖ Respiratory disorders

Question Number : 97 Question Id : 35918115888 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0

Anthropometric measurements involves

Options :

- 1. ✔ Measurement of human body variations

2. ✖ Determination of serum glucose levels

3. ✖ Evolution of human beings

4. ✖ Human genomics

Question Number : 98 Question Id : 35918115889 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

Casals Necklace is a dermatological manifestation occurring due to deficiency of

Options :

1. ✖ Thiamine

2. ✖ Pyridoxine

3. ✖ Riboflavin

4. ✔ Niacin

Question Number : 99 Question Id : 35918115890 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

A balanced diet does **NOT** include-

Options :

1. ✖ Carbohydrates and fats

2. ✖ Proteins and vitamins

3. ✔ Enzymes and nucleic acids

4. ✖ Minerals and salts

Question Number : 100 Question Id : 35918115891 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0

Dengue is a viral fever that is transmitted by

Options :

1. ✖ *Anopheles* mosquito

2. ✓ *Aedes aegypti*

3. ✗ Yellow fever mosquito

4. ✗ Marsh mosquitoes