

Question Paper Preview

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 :	M Sc Nutrition and Dietetics 23rd Sep 2021 Shift 2
Subject Name :	M.Sc. Nutrition and Dietetics
Creation Date :	2021-09-23 16:10:19
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
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console? (SA type of questions will be always auto saved) :	Yes

M.Sc. Nutrition and Dietetics

Group Id :	96835563
Group Maximum Duration :	0
Group Minimum Duration :	90
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

PART A

Section Id :	96835589
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	968355114
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 9683556484 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Long-chain fatty acids are oxidized step-wise in one carbon units starting from the

Options :

- 1.  carboxyl end

- 2. ✖ aliphatic end
- 3. ✖ both carboxyl end and aliphatic end
- 4. ✖ none of these

Question Number : 2 Question Id : 9683556485 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

How many molecules of acetyl-CoA are produced in oxidation of palmitic acid (C16), which involves seven rounds of oxidation?

Options :

- 1. ✖ 6
- 2. ✖ 7
- 3. ✔ 8
- 4. ✖ 9

Question Number : 3 Question Id : 9683556486 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The glycosidic linkage between glucose molecule in maltose

Options :

- 1. ✖ β 1-4

2. ✖ α 1-2

3. ✔ α 1-4

4. ✖ β 1-2

Question Number : 4 Question Id : 9683556487 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Carbohydrates occur naturally in

Options :

1. ✔ D- form

2. ✖ L- form

3. ✖ Both D- form and L- form

4. ✖ None

Question Number : 5 Question Id : 9683556488 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Approximately one-third of the body water exists in the

Options :

1. ✖ kidneys and urinary bladder

2. ✖ blood

3. ✓ extracellular fluid compartment

4. ✗ transcellular fluid compartment

Question Number : 6 Question Id : 9683556489 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which vitamin is added to bread, which reduces the incidence of Pellagra

Options :

1. ✗ Nicotinoyl alcohol

2. ✓ Niacin

3. ✗ Vitamin –C

4. ✗ Vitamin-A

Question Number : 7 Question Id : 9683556490 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which method is assigning the most recent inventory costs to items sold

Options :

1. ✗ FIFO

2. ✗ FPO

3. ✓ LIFO

4. ✖ MPO

Question Number : 8 Question Id : 9683556491 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Iodized salt is used to treat

Options :

1. ✔ Goitre

2. ✖ Anaemia

3. ✖ Rickets

4. ✖ Beri-Beri

Question Number : 9 Question Id : 9683556492 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

One is likely to develop cholesterol and CHD due to over consumption of-

Options :

1. ✖ Saturated fat

2. ✔ Saturated and Trans- fat

3. ✖ Poly-unsaturated Fat

4. ✖ Trans Fat

Question Number : 10 Question Id : 9683556493 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which is frequently added to fruit juices, carbonated beverages and rice?

Options :

1. ☒ Calcium
2. ☐ Magnesium
3. ☐ Aluminium
4. ☐ Iron

Question Number : 11 Question Id : 9683556494 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Fluorosis is caused due to

Options :

1. ☒ Excessive intake of fluorine
2. ☐ Low intake of fluorine
3. ☐ Discoloration of the teeth due to low intake
4. ☐ All the options

Question Number : 12 Question Id : 9683556495 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Iron is absorbed from

Options :

1. ✖ Stomach
2. ✔ Duodenum and jejunum
3. ✖ Ileum
4. ✖ None

Question Number : 13 Question Id : 9683556496 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Biological value of protein of cow's milk is

Options :

1. ✖ 95
2. ✔ 60
3. ✖ 71
4. ✖ 67

Question Number : 14 Question Id : 9683556497 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The tear secretion contains an antibacterial enzyme known as

Options :

1. ✖ Zymase
2. ✖ Diastase
3. ✔ Lysozyme
4. ✖ Lipase

Question Number : 15 Question Id : 9683556498 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

This is a rich source for Vitamin C:

Options :

1. ✖ Rice
2. ✖ Milk
3. ✖ Egg
4. ✔ Lemon

Question Number : 16 Question Id : 9683556499 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Avidin is present in

Options :

1. ✖ Cow's milk
2. ✔ Raw egg
3. ✖ Green leafy vegetables
4. ✖ Carrots

Question Number : 17 Question Id : 9683556500 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The majority of absorbed fat appears in the forms of

Options :

1. ✖ HDL
2. ✔ Chylomicron
3. ✖ VLDL
4. ✖ LDL

Question Number : 18 Question Id : 9683556501 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A deficiency of vitamin B12 causes

Options :

1. ✖ Cheilosis

2. ✖ Beriberi

3. ✔ Pernicious anemia

4. ✖ Scurvy

Question Number : 19 Question Id : 9683556502 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Rice-polishings contain which of the following Vitamin?

Options :

1. ✖ Riboflavin

2. ✖ Niacin

3. ✔ Thiamine

4. ✖ Vitamin B12

Question Number : 20 Question Id : 9683556503 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Milk is deficient in which vitamins?

Options :

1. ✔ Vitamin C

2. ✖ Vitamin A

3. ✖ Vitamin B2

4. ✖ Vitamin K

Question Number : 21 Question Id : 9683556504 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Dietary fibres are rich in

Options :

1. ✖ Cellulose

2. ✔ Glycogen

3. ✖ Starch

4. ✖ Proteoglycans

Question Number : 22 Question Id : 9683556505 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Salmonellosis is caused by the

Options :

1. ✔ enterotoxin of Salmonella spp

2. ✖ endotoxin of Salmonella spp

3. ✖ neurotoxin of Salmonella spp

4. ✖ exoenterotoxin of Salmonella spp

Question Number : 23 Question Id : 9683556506 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The Bacillus cereus causes gastroenteritis by the production of an exoenterotoxin which is released in food as a result of

Options :

1. ✖ cell growth

2. ✔ cell autolysis

3. ✖ cell permeation

4. ✖ cell damage

Question Number : 24 Question Id : 9683556507 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The full form of PFA is

Options :

1. ✖ Prevention of Food Act

2. ✖ Protection of Food Act

3. ✔ Prevention of Food Adulteration Act

4. ✖ None

Question Number : 25 Question Id : 9683556508 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Pasteurization is the process of heating milk

Options :

1. ✖ above 150⁰C
2. ✖ above 121⁰C
3. ✔ above boiling point
4. ✖ below boiling point

Question Number : 26 Question Id : 9683556509 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Moulds, yeast and fungi are examples of a

Options :

1. ✖ Physical hazard
2. ✖ Chemical hazard
3. ✖ Pathogenic bacterium
4. ✔ Biological hazard

Question Number : 27 Question Id : 9683556510 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Tuberculosis is very contagious and transmits through

Options :

1. ✖ Vector vehicle
2. ✔ Aerial vehicle
3. ✖ Water vehicle
4. ✖ Food vehicle

Question Number : 28 Question Id : 9683556511 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which mosquito genus is associated with the spreading the human malaria parasite?

Options :

1. ✖ Culex
2. ✔ Anopheles
3. ✖ Aedes
4. ✖ Lutzia

Question Number : 29 Question Id : 9683556512 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Alzheimer's and osteoporosis are examples of _____.

Options :

1. ✖ Communicable diseases
2. ✔ Degenerative diseases
3. ✖ Non-communicable diseases.
4. ✖ None

Question Number : 30 Question Id : 9683556513 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

AIDS, common cold, dengue fever and influenza are examples of _____.

Options :

1. ✖ Deficiency Disease
2. ✔ Infectious diseases
3. ✖ Physiological Diseases
4. ✖ Non-infectious diseases

Question Number : 31 Question Id : 9683556514 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The components of food which help our body to fight against infections is

Options :

1. ✓ Proteins
2. ✗ Fats
3. ✗ Carbohydrates
4. ✗ Starch

Question Number : 32 Question Id : 9683556515 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Pasteurization is the process of heating milk

Options :

1. ✗ above 150°C
2. ✗ above 121°C
3. ✓ above boiling point
4. ✗ below boiling point

Question Number : 33 Question Id : 9683556516 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In which year National Health Policy in India was implemented

Options :

1. ✓ 2002

2. ✖ 2001

3. ✖ 2007

4. ✖ 2013

Question Number : 34 Question Id : 9683556517 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

How does kwashiorkor differ from marasmus?

Options :

1. ✖ Recovery from kwashiorkor is much slower than from marasmus

2. ✖ Although malnourished, a child with kwashiorkor is still alert and responsive, but one suffering from marasmus is apathetic and lethargic

3. ✔ Kwashiorkor results primarily from protein deficiency, while marasmus results from total energy depletion

4. ✖ All of the options

Question Number : 35 Question Id : 9683556518 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The state of being diseased or unhealthy within a population means

Options :

1. ✖ Mortality

2. ✔ Morbidity

3. ✖ Fertility

4. ✖ None

Question Number : 36 Question Id : 9683556519 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following are highly prevalent global nutrition problems?

Options :

1. ✖ Vitamin A deficiency

2. ✖ Undernutrition

3. ✖ Obesity

4. ✔ All of the options listed are correct

Question Number : 37 Question Id : 9683556520 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Child nutritional status measured in terms of three anthropometric indicators. They are

Options :

1. ✔ Stunting, wasting and underweight

2. ✖ Mortality, morbidity and underweight
3. ✖ Body Mass Index, morbidity rate, dependency ratio
4. ✖ None

Question Number : 38 Question Id : 9683556521 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In the Vitamin K cycle, the conversion of Vitamin K quinone to Hydroxyquinone is achieved by the following enzyme:

Options :

1. ✔ Quinone reductase
2. ✖ Epoxide reductase
3. ✖ Carboxylase
4. ✖ Epoxide oxidase

Question Number : 39 Question Id : 9683556522 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is an unavoidable risk factor for osteoporosis?

Options :

1. ✖ Caffeine intake

2. ✓ Gender

3. ✗ Sedentary lifestyle

4. ✗ Smoking

Question Number : 40 Question Id : 9683556523 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

GERD is a risk factor for the development of:

Options :

1. ✗ Celiac disease

2. ✗ Biliary Atresia

3. ✓ Barrett's Esophagus

4. ✗ Inguinal Hernia

Question Number : 41 Question Id : 9683556524 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Peptic ulcers may be caused by all of the following except:

Options :

1. ✓ Emotional stress and eating spicy foods

2. ✗ Bacterial infection with Helicobacter pylori

3. ✖ Long-term use of nonsteroidal anti-inflammatory agents (NSAIDs)

4. ✖ Malignant tumours in the stomach or pancreas

Question Number : 42 Question Id : 9683556525 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Food borne illness associated with eating raw and undercooked eggs is generally attributable to:

Options :

1. ✖ *Campylobacter jejuni*

2. ✖ *L. monocytogenes*

3. ✔ *Salmonella enteritis*

4. ✖ *C. botulinum*

Question Number : 43 Question Id : 9683556526 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following processes are important in explaining obesity?

Options :

1. ✖ food environment

2. ✖ physical activity

3. ✖ individual psychology

4. ✓ all of the options

Question Number : 44 Question Id : 9683556527 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Cirrhosis is a liver disease described by the abnormal structure and functioning of the liver. This is mainly diagnosed by _____.

Options :

1. ✗ Blood Test

2. ✓ Liver biopsy

3. ✗ Physical examination

4. ✗ All the options

Question Number : 45 Question Id : 9683556528 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which structure allows the entry of blood vessels, lymph vessels and nerves to enter kidneys?

Options :

1. ✗ cortex

2. ✗ fibrous capsule

3. ✓ hilum

4. ✗ major calyx

Question Number : 46 Question Id : 9683556529 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In cases of renal insufficiency, what should take in place of proteins?

Options :

1. ✗ Triglycerides

2. ✓ Essential Amino Acids

3. ✗ Glucose

4. ✗ Vitamin K

Question Number : 47 Question Id : 9683556530 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A diet high in saturated fats can be linked to which of the following?

Options :

1. ✗ Kidney failure

2. ✗ Bulimia

3. ✗ Anorexia

4. ✓ Cardiovascular disease

Question Number : 48 Question Id : 9683556531 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The risk factors for type 1 diabetes include all of the following except:

Options :

1. ✓ Diet

2. ✗ Genetic

3. ✗ Autoimmune

4. ✗ Environmental

Question Number : 49 Question Id : 9683556532 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

How many servings of vegetables do we need each day?

Options :

1. ✗ 6 – 11

2. ✗ 2 – 3

3. ✓ 3 – 5

4. ✗ 1 – 2

Question Number : 50 Question Id : 9683556533 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

This nutrient is needed for making hormones, healthier skin and to make cell membranes

Options :

1.  Fat
2.  Carbohydrate
3.  Fiber
4.  Vitamin B12

Question Number : 51 Question Id : 9683556534 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The protein present in hair is

Options :

1.  Keratin
2.  Elastin
3.  Myosin
4.  Tropocollagen

Question Number : 52 Question Id : 9683556535 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The major site of urea synthesis is

Options :

1. ✘ Brain
2. ✘ Kidneys
3. ✔ Liver
4. ✘ Muscles

Question Number : 53 Question Id : 9683556536 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In mammals, the major fat in adipose tissues is

Options :

1. ✘ Phospholipid
2. ✘ Cholesterol
3. ✘ Sphingolipids
4. ✔ Triacylglycerol

Question Number : 54 Question Id : 9683556537 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Deficiency of Vitamin A causes

Options :

1. ☒ Xerophthalmia
2. ☐ Hypoprothrombinaemia
3. ☐ Megaloblastic anaemia
4. ☐ Pernicious anaemia

Question Number : 55 Question Id : 9683556538 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The sugar found in milk is

Options :

1. ☐ Galactose
2. ☐ Glucose
3. ☐ Fructose
4. ☒ Lactose

Question Number : 56 Question Id : 9683556539 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

β -1,4 linkages are found in which of the following polymers?

Options :

1. ✖ Maltose
2. ✖ Starch
3. ✔ cellulose
4. ✖ Glucose

Question Number : 57 Question Id : 9683556540 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is a disaccharide?

Options :

1. ✔ Lactose
2. ✖ Glucose
3. ✖ Fructose
4. ✖ Glyceraldehyde

Question Number : 58 Question Id : 9683556541 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A sigmoidal plot of substrate concentration([S]) verses reaction velocity (V) may indicate

Options :

1. ✖ Michaelis-Menten kinetics

2. ✔ Co-operative binding

3. ✖ Competitive inhibition

4. ✖ Non-competitive inhibition

Question Number : 59 Question Id : 9683556542 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

When ATP forms AMP

Options :

1. ✖ Inorganic pyrophosphate is produced

2. ✔ Inorganic phosphorous is produced

3. ✖ Phosphagen is produced

4. ✖ No energy is produced

Question Number : 60 Question Id : 9683556543 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A nucleoside consists of

Options :

1. ✔ Nitrogenous base

2. ✖ Purine or pyrimidine base + sugar
3. ✖ Purine or pyrimidine base + phosphorous
4. ✖ Purine + pyrimidine base + sugar + Phosphorous

Question Number : 61 Question Id : 9683556544 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Calcium absorption is increased by

Options :

1. ✔ Vitamin D
2. ✖ Vitamin C
3. ✖ Vitamin K
4. ✖ Vitamin E

Question Number : 62 Question Id : 9683556545 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The average of pH of urine is

Options :

1. ✖ 5.6
2. ✔ 6.0

3. ✖ 6.4

4. ✖ 7.0

Question Number : 63 Question Id : 9683556546 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Na⁺/K⁺-ATPase along with ATP requires

Options :

1. ✖ Ca

2. ✖ Mn

3. ✔ Mg

4. ✖ Cl

Question Number : 64 Question Id : 9683556547 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Nucleic acid shows strong absorption at one of the wavelengths:

Options :

1. ✖ 280 nm

2. ✖ 220 nm

3. ✖ 360 nm

4. ✓ 260 nm

Question Number : 65 Question Id : 9683556548 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The second messenger for many hormones is

Options :

1. ✗ ATP

2. ✓ cyclic AMP

3. ✗ cGMP

4. ✗ UTP

Question Number : 66 Question Id : 9683556549 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Vitamins, minerals and proteins in suitable amounts are given to body by

Options :

1. ✗ whole grain food

2. ✗ fatty fish

3. ✗ plant oil

4. ✓ nuts

Question Number : 67 Question Id : 9683556550 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

According to food guide pyramid fats oils and sweets should be used

Options :

1. ✖ 2-3 servings
2. ✖ frequently
3. ✔ sparingly
4. ✖ 2-4 servings

Question Number : 68 Question Id : 9683556551 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the normal RDA for protein in a normal adult?

Options :

1. ✔ 1G/Kg body weight
2. ✖ 10G/Kg body weight
3. ✖ 100G/Kg body weight
4. ✖ 50G/Kg body weight

Question Number : 69 Question Id : 9683556552 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

How many food groups are in the Food Guide Pyramid?

Options :

1. ✖ Four
2. ✔ Five
3. ✖ Six
4. ✖ Eight

Question Number : 70 Question Id : 9683556553 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Meat, fish, cheese and beans are all very good sources of

Options :

1. ✖ fibre
2. ✔ proteins
3. ✖ minerals
4. ✖ carbohydrates

Question Number : 71 Question Id : 9683556554 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Sodium is important in our diet for

Options :

1. ✖ providing energy
2. ✖ healthy teeth and gums
3. ✔ the proper functioning of nerves and muscles
4. ✖ insulation

Question Number : 72 Question Id : 9683556555 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The recommended ratio of monounsaturated: Saturated: Polyunsaturated fatty acids in a balanced diet should be

Options :

1. ✔ 1: 2: 1
2. ✖ 1: 1: 1
3. ✖ 4: 4: 4
4. ✖ 1: 2: 3

Question Number : 73 Question Id : 9683556556 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Washing of peeled vegetables removes the vitamin

Options :

1. ✖ E

2. ✔ C

3. ✖ D

4. ✖ B

Question Number : 74 Question Id : 9683556557 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is an ABSOLUTE contraindication to parenteral nutrition?

Options :

1. ✔ Diarrhea

2. ✖ Liver cirrhosis

3. ✖ Malignancy

4. ✖ Active Infection

Question Number : 75 Question Id : 9683556558 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following foods does not contain gluten and is acceptable for patients with celiac disease to consume?

Options :

1. ✖ Bran

2. ✖ Spelt

3. ✔ Rice

4. ✖ Graham

Question Number : 76 Question Id : 9683556559 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A lipid bilayer is permeable to

Options :

1. ✔ Urea

2. ✖ Fructose

3. ✖ Glucose

4. ✖ Potassium

Question Number : 77 Question Id : 9683556560 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The number of isomers of glucose is

Options :

1. ✖ 2

2. ✖ 4

3. ✖ 8

4. ✔ 16

Question Number : 78 Question Id : 9683556561 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The enzyme trypsin is specific for peptide bonds of

Options :

1. ✔ Basic amino acids
2. ✖ Acidic amino acids
3. ✖ Aromatic amino acids
4. ✖ Next to small amino acid residues

Question Number : 79 Question Id : 9683556562 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The limiting amino acid of fish proteins is

Options :

1. ✔ Tryptophan
2. ✖ Cysteine
3. ✖ Lysine

4. ✖ Threonine

Question Number : 80 Question Id : 9683556563 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Primary food processing turns agricultural products, such as?

Options :

1. ✖ raw wheat kernels

2. ✖ livestock

3. ✔ Both raw wheat kernels and livestock

4. ✖ None

Question Number : 81 Question Id : 9683556564 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Commercial food processing uses control systems such as _____ to
reduce the risk of harm.

Options :

1. ✔ FMEA

2. ✖ FCEA

3. ✖ GREa

4. ✖ HACCF

Question Number : 82 Question Id : 9683556565 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is a performance parameter for the food industry?

Options :

1. ✖ Hygiene
2. ✖ Labour Used
3. ✔ Hygiene & Labour Used
4. ✖ None

Question Number : 83 Question Id : 9683556566 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following combination of processing and preservation techniques works best for smoked products?

Options :

1. ✖ Salt and acidification
2. ✔ Heat, salt, dipping in brine/ minimal moisture content
3. ✖ Heat, salt, acidification/minimal moisture content

4. ✖ Heat and solid content

Question Number : 84 Question Id : 9683556567 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Mitochondrial enzyme pyruvate carboxylase contains:

Options :

1. ✖ Zinc

2. ✖ Fluoride

3. ✔ Manganese

4. ✖ Iron

Question Number : 85 Question Id : 9683556568 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

According to the flow of food in a foodservice, identify the first step that will prevent wastage due to food spoilage?

Options :

1. ✖ Inadequate storage facilities

2. ✖ Poor handling of food by personnel

3. ✔ Purchasing more than required

4. ✖ Insufficient inspection of deliveries

Question Number : 86 Question Id : 9683556569 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The SNP aimed to provide how many grams of protein to pregnant & lactating women?

Options :

1. ✖ 10 g

2. ✖ 20 g

3. ✔ 25g

4. ✖ 30 g

Question Number : 87 Question Id : 9683556570 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The micro-organisms that are on the food or multiply in them are the major causes of

Options :

1. ✖ Food enrichment

2. ✖ Food fortification

3. ✔ Food deterioration

4. ✖ Value addition in food

Question Number : 88 Question Id : 9683556571 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The role of calcium chloride in cheese preparation is to

Options :

1. ✖ Improve the taste
2. ✖ Improve the flavour
3. ✖ Improve the colour
4. ✔ Improve the process of coagulation

Question Number : 89 Question Id : 9683556572 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one among the following elements/ions is essential in small quantities for development of healthy teeth but causes mottling of the teeth if consumed in higher quantities?

Options :

1. ✖ Iron
2. ✖ Chloride
3. ✔ Fluoride
4. ✖ Potassium

Question Number : 90 Question Id : 9683556573 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The vitamin necessary for coagulation of blood is

Options :

1. ✖ Vitamin B
2. ✖ Vitamin C
3. ✔ Vitamin K
4. ✖ Vitamin E

Question Number : 91 Question Id : 9683556574 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Besides carbohydrates, a major source of energy in our food is constituted by

Options :

1. ✖ Proteins
2. ✔ Fats
3. ✖ Minerals
4. ✖ Vitamins

Question Number : 92 Question Id : 9683556575 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not an artificial sweetener?

Options :

1. ✖ saccharin

2. ✖ aspartame

3. ✔ sucrose

4. ✖ neotame

Question Number : 93 Question Id : 9683556576 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A person suffering from high blood pressure should avoid foods which are rich in

Options :

1. ✔ Sodium

2. ✖ Iodine

3. ✖ Calcium

4. ✖ Iron

Question Number : 94 Question Id : 9683556577 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following nutrients is needed for a healthy immune system?

Options :

1. ✖ Calcium
2. ✖ Iodine
3. ✖ Vitamin K
4. ✔ Vitamin C

Question Number : 95 Question Id : 9683556578 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

When was the ICDS launched?

Options :

1. ✔ 2nd October 1975
2. ✖ 2nd November 1987
3. ✖ 10th January 1999
4. ✖ 6th October 1975

Question Number : 96 Question Id : 9683556579 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The central AGMARK Laboratory is located at which of the following?

Options :

1. ✖ Kolkata
2. ✖ New Delhi
3. ✖ Mumbai
4. ✔ Nagpur

Question Number : 97 Question Id : 9683556580 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The micro-organisms that are on the food or multiply in them are the major causes of

Options :

1. ✖ Food enrichment
2. ✖ Food fortification
3. ✔ Food deterioration
4. ✖ Value addition in food

Question Number : 98 Question Id : 9683556581 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The mode of action of UV rays at 260nm on micro-organisms is the absorption of the rays

Options :

1. ✓ By purines and pyrimidines which is germicidal
2. ✗ By the proteins leading to the conformational changes
3. ✗ By the fats leading to oxidation
4. ✗ By the micro-organisms and breakdown of the cell membrane

Question Number : 99 Question Id : 9683556582 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Oxidation of which substance in the body yields the most calories

Options :

1. ✗ Glucose
2. ✗ Glycogen
3. ✗ Protein
4. ✓ Lipids

Question Number : 100 Question Id : 9683556583 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which vitamin is a major lipid-soluble antioxidant in cell membranes?

Options :

1. ✗ Vitamin A

2. ✖ Vitamin D

3. ✔ Vitamin E

4. ✖ Vitamin K