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National Testing Agency

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Food and Nutrition

Group Number :	1
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Edit Attended Group? :	No
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Group Marks :	100
Is this Group for Examiner? :	No

Food and Nutrition-1

Section Id :	864351518
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100

Number of Questions to be attempted :	100
Section Marks :	100
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	864351560
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 8643519506 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Thiamine is also known as Vitamin _____.

1. B₂
2. B₁
3. B₁₂
4. D

Options :

- 86435130327. 1
- 86435130328. 2
- 86435130329. 3
- 86435130330. 4

Question Number : 2 Question Id : 8643519507 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The system that transports messages between the body and the brain is

1. Nervous system
2. Reproductive system
3. Gland system
4. All of the above

Options :

- 86435130331. 1

86435130332. 2

86435130333. 3

86435130334. 4

Question Number : 3 Question Id : 8643519508 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Bradycardia is referred by

1. 60-100 bpm
2. 80-100 bpm
3. < 60 bpm
4. 100 bpm

Options :

86435130335. 1

86435130336. 2

86435130337. 3

86435130338. 4

Question Number : 4 Question Id : 8643519509 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Being too short for one's age is known as _____.

1. Stunting
2. Wasting
3. Dwarfism
4. Malnourished

Options :

86435130339. 1

86435130340. 2

86435130341. 3

86435130342. 4

Question Number : 5 Question Id : 8643519510 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Water activity is calculated with reference to the vapour pressure of _____ .

1. Air
2. Ice
3. Steam
4. Pure water

Options :

86435130343. 1
86435130344. 2
86435130345. 3
86435130346. 4

Question Number : 6 Question Id : 8643519511 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Carbohydrates are made up of carbon, hydrogen and oxygen in the ratio of _____.

1. 1:2:1
2. 1:1:1
3. 1:5:6
4. 2:1:2

Options :

86435130347. 1
86435130348. 2
86435130349. 3
86435130350. 4

Question Number : 7 Question Id : 8643519512 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Glucose oxidase facilitates the oxidation of _____ to D-glucono-1,5-lactone.

1. Maltose
2. D-glucose
3. Sucrose
4. Hexose

Options :

86435130351. 1
86435130352. 2
86435130353. 3
86435130354. 4

Question Number : 8 Question Id : 8643519513 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Beta keratin is a _____ protein.

1. Fibrous
2. Globular
3. Acidic
4. Conjugated

Options :

86435130355. 1
86435130356. 2
86435130357. 3
86435130358. 4

Question Number : 9 Question Id : 8643519514 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Amino acids which are not synthesized in the body are called _____ amino acids.

1. Conditionally essential
2. Semi essential
3. Non- essential
4. Essential

Options :

86435130359. 1
86435130360. 2
86435130361. 3
86435130362. 4

Question Number : 10 Question Id : 8643519515 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Methionine is a/an _____ amino acid.

1. Non-essential
2. Essential
3. Semi-essential
4. Limiting

Options :

86435130363. 1
86435130364. 2
86435130365. 3
86435130366. 4

Question Number : 11 Question Id : 8643519516 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In most straight forward polymerization, ____ are found relatively stable.

1. Alkenes
2. Alkanes
3. Alkynes
4. Alkylidine

Options :

86435130367. 1
86435130368. 2
86435130369. 3
86435130370. 4

Question Number : 12 Question Id : 8643519517 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Deep-frying causes loss of _____ from food surface and makes the food lighter.

1. Density
2. Viscosity
3. Moisture
4. Temperature

Options :

86435130371. 1
86435130372. 2
86435130373. 3
86435130374. 4

Question Number : 13 Question Id : 8643519518 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following oils is widely used in the manufacture of paints, varnishes, artificial rubber, linoleums, and other coverings?

1. Marine oil
2. Linseed oil
3. Vegetable oil
4. Animal fat oil

Options :

86435130375. 1
86435130376. 2
86435130377. 3
86435130378. 4

Question Number : 14 Question Id : 8643519519 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Paul Karrer described the chemical structure of Vitamin A in

1. 1932
2. 1935
3. 1962
4. 1809

Options :

86435130379. 1
86435130380. 2
86435130381. 3
86435130382. 4

Question Number : 15 Question Id : 8643519520 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The chemical name for Vitamin C is _____.

1. Carotene
2. Tocopherol
3. Ascorbic acid
4. None of the above

Options :

86435130383. 1
86435130384. 2
86435130385. 3
86435130386. 4

Question Number : 16 Question Id : 8643519521 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Macrominerals are those which are vital to health and that are required in the diet by more than_____ .

1. 100gm/day
2. 20gm/day
3. 100mg/day
4. 20mg/day

Options :

86435130387. 1
86435130388. 2
86435130389. 3
86435130390. 4

Question Number : 17 Question Id : 8643519522 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Largest stores of iron is present in the

1. Bones
2. Blood
3. Skin
4. Liver

Options :

86435130391. 1
86435130392. 2
86435130393. 3
86435130394. 4

Question Number : 18 Question Id : 8643519523 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The protein content of 100 gram serving of chicken eggs is

1. 2.6 g
2. 12.6 g
3. 20.6 g
4. 24.6 g

Options :

86435130395. 1
86435130396. 2
86435130397. 3
86435130398. 4

Question Number : 19 Question Id : 8643519524 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The concept of food groups was introduced by

1. Indian Council of Medical Research
2. United States Department of Agriculture
3. Nutrition Society of India
4. Indian Dietetic Association

Options :

- 86435130399. 1
- 86435130400. 2
- 86435130401. 3
- 86435130402. 4

Question Number : 20 Question Id : 8643519525 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A deficiency disease related to Protein Energy Malnutrition is

1. Diabetes
2. Hypertension
3. Kwashiorkor
4. Night blindness

Options :

- 86435130403. 1
- 86435130404. 2
- 86435130405. 3
- 86435130406. 4

Question Number : 21 Question Id : 8643519526 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Diverticulosis is a disorder of the

1. Lungs
2. Kidneys
3. Liver
4. Intestine

Options :

86435130407. 1
86435130408. 2
86435130409. 3
86435130410. 4

Question Number : 22 Question Id : 8643519527 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The natural sedative found in oats is

1. Gramine
2. Morphine
3. Quinine
4. Nicotine

Options :

86435130411. 1
86435130412. 2
86435130413. 3
86435130414. 4

Question Number : 23 Question Id : 8643519528 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Caffeine intake in older people is a risk factor for

1. Loss of hair
2. Loss of memory
3. Bone loss
4. Weight loss

Options :

- 86435130415. 1
- 86435130416. 2
- 86435130417. 3
- 86435130418. 4

Question Number : 24 Question Id : 8643519529 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The nutrient responsible for cellular regeneration is

1. Protein
2. Vitamins
3. Fats
4. Carbohydrates

Options :

- 86435130419. 1
- 86435130420. 2
- 86435130421. 3
- 86435130422. 4

Question Number : 25 Question Id : 8643519530 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following vitamins are being supplied to school children in National Nutrition Programs.

1. Vitamin A supplement
2. Vitamin D supplement
3. Vitamin E supplement
4. All of the above

Options :

- 86435130423. 1
- 86435130424. 2
- 86435130425. 3
- 86435130426. 4

Question Number : 26 Question Id : 8643519531 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

You are at an increased risk of developing diabetes, if you are a woman with a waist circumference of

1. 28 inches and more
2. 26 inches and more
3. 30 inches and more
4. 35 inches and more

Options :

- 86435130427. 1
- 86435130428. 2
- 86435130429. 3
- 86435130430. 4

Question Number : 27 Question Id : 8643519532 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Diabetics should eat less of

1. Lean meat
2. Trans fat
3. Omega 3 fatty acids
4. Saturated fats

Options :

86435130431. 1
86435130432. 2
86435130433. 3
86435130434. 4

Question Number : 28 Question Id : 8643519533 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Allicin is present in

1. Garlic
2. Potato
3. Tomato
4. Brinjal

Options :

86435130435. 1
86435130436. 2
86435130437. 3
86435130438. 4

Question Number : 29 Question Id : 8643519534 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Quercetin is a well-studied type of flavonol, which is found in

1. Apples
2. Berries
3. Onions
4. All of the above

Options :

- 86435130439. 1
- 86435130440. 2
- 86435130441. 3
- 86435130442. 4

Question Number : 30 Question Id : 8643519535 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The media used in dry heat method is

1. Water
2. Steam
3. Fat
4. Sunlight

Options :

- 86435130443. 1
- 86435130444. 2
- 86435130445. 3
- 86435130446. 4

Question Number : 31 Question Id : 8643519536 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

An example for Dry heat method is

1. Blanching
2. Baking
3. Braising
4. Poaching

Options :

86435130447. 1
86435130448. 2
86435130449. 3
86435130450. 4

Question Number : 32 Question Id : 8643519537 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following terms is used to describe the taste?

1. Tsunami
2. Blemish
3. Surumi
4. Umami

Options :

86435130451. 1
86435130452. 2
86435130453. 3
86435130454. 4

Question Number : 33 Question Id : 8643519538 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which following is NOT a method to detect color?

1. Hunter color
2. Tintometer
3. CIE Colorimeter
4. Scanning Calorimeter

Options :

- 86435130455. 1
- 86435130456. 2
- 86435130457. 3
- 86435130458. 4

Question Number : 34 Question Id : 8643519539 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Pesco-vegetarians eat

1. Only vegetarian food
2. Only milk
3. Fish and seafood along with vegetarian food
4. All non-vegetarian food

Options :

- 86435130459. 1
- 86435130460. 2
- 86435130461. 3
- 86435130462. 4

Question Number : 35 Question Id : 8643519540 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A solution in which the hydrogen ion activity is higher than that of the hydroxide ion, when the solvent is water is known as

1. Acidic solution
2. Basic solution
3. Both 1 & 2
4. None of the above

Options :

86435130463. 1
86435130464. 2
86435130465. 3
86435130466. 4

Question Number : 36 Question Id : 8643519541 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A procedure for determining the amount of some unknown substance by quantitative reaction with a measured volume of a solution of precisely known concentration is known as

1. Spectrometry
2. Gravimetry
3. Colorimetry
4. Titration

Options :

86435130467. 1
86435130468. 2
86435130469. 3
86435130470. 4

Question Number : 37 Question Id : 8643519542 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The adulterants such as sand, marble chips, stones, mud, other filth, talc, chalk powder, water, mineral oil and harmful color classified under the class is / are :

1. Intentional Adulterants
2. Incidental Adulterants
3. Metallic contaminants
4. All of the above

Options :

- 86435130471. 1
- 86435130472. 2
- 86435130473. 3
- 86435130474. 4

Question Number : 38 Question Id : 8643519543 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

HACCP strands for:

1. Hazard Analysis and Critical Control Parameters
2. Hazard Analysis and Critical Control Points
3. Hazards And Critical Control Points
4. Hazard Analysis and Consumer Control Points

Options :

- 86435130475. 1
- 86435130476. 2
- 86435130477. 3
- 86435130478. 4

Question Number : 39 Question Id : 8643519544 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The full form of ISO is:

1. Indian Organization for Standardization
2. International Standardization and Organization
3. International Organization for Standardization
4. International Standards for Organization

Options :

- 86435130479. 1
- 86435130480. 2
- 86435130481. 3
- 86435130482. 4

Question Number : 40 Question Id : 8643519545 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

National Laws and Regulatory Systems are :

1. National centralized laws
2. Voluntary standards
3. Compulsory legislations
4. International standards

Options :

- 86435130483. 1
- 86435130484. 2
- 86435130485. 3
- 86435130486. 4

Question Number : 41 Question Id : 8643519546 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Prevention of Food Adulteration Act came into force on

1. 1956
2. 1954
3. 1955
4. 1957

Options :

86435130487. 1
86435130488. 2
86435130489. 3
86435130490. 4

Question Number : 42 Question Id : 8643519547 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Food additives are tested under FDA scrutiny for safety because

1. The additive can potentially cause cancer but only when consumed in very large doses.
2. The additive does not have any potential cancer-causing effects.
3. An acceptable level for incidental food additives may cause cancer.
4. The highest dose of an additive that produces no deleterious health effects in animals.

Options :

86435130491. 1
86435130492. 2
86435130493. 3
86435130494. 4

Question Number : 43 Question Id : 8643519548 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Salmonella bacteria are usually spread via :

1. Raw meats, eggs, poultry.
2. Pickled vegetables.
3. Home-canned vegetables.
4. Raw vegetables.

Options :

- 86435130495. 1
- 86435130496. 2
- 86435130497. 3
- 86435130498. 4

Question Number : 44 Question Id : 8643519549 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The first generation GM foods/crops are referred as :

1. Input characteristics
2. Output characteristics
3. Plant factories
4. Functional characteristics

Options :

- 86435130499. 1
- 86435130500. 2
- 86435130501. 3
- 86435130502. 4

Question Number : 45 Question Id : 8643519550 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is a big concern of agribusiness due to patenting of many new plant genetic engineering technologies and GM plants?

1. Patent infringement
2. Patent filing
3. Patent processing
4. Patent copying

Options :

- 86435130503. 1
- 86435130504. 2
- 86435130505. 3
- 86435130506. 4

Question Number : 46 Question Id : 8643519551 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

EFSIS stands for :

1. Environment and Food Safety Inspection Service
2. European Food Safety Inspection Service
3. Effective Food Safety Inspection Service
4. Ensuring Food Safety Inspection Service

Options :

- 86435130507. 1
- 86435130508. 2
- 86435130509. 3
- 86435130510. 4

Question Number : 47 Question Id : 8643519552 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Botulinum toxin is / are :

1. Neurotoxin
2. Exotoxin
3. Both 1 & 2
4. None of the above

Options :

86435130511. 1
86435130512. 2
86435130513. 3
86435130514. 4

Question Number : 48 Question Id : 8643519553 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Adequate _____ at the plant causes a reduction in number of microorganisms on the food prepared from vegetables.

1. Asepsis
2. Chemical application
3. Temperature
4. Washing

Options :

86435130515. 1
86435130516. 2
86435130517. 3
86435130518. 4

Question Number : 49 Question Id : 8643519554 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

HPA stands for

1. Health Protection Agency
2. Heavy Particulate Adsorbent
3. Health Protection Association
4. Health Protection Agenda

Options :

- 86435130519. 1
- 86435130520. 2
- 86435130521. 3
- 86435130522. 4

Question Number : 50 Question Id : 8643519555 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

This date helps specify when a product is at its peak freshness.

1. Best before date
2. Sell by date
3. Use by date
4. Expiry date

Options :

- 86435130523. 1
- 86435130524. 2
- 86435130525. 3
- 86435130526. 4

Question Number : 51 Question Id : 8643519556 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Non nutrient compounds found in plant derived foods that have biological activity in the body are

1. Vitamins
2. Minerals
3. Phytochemicals
4. Fats

Options :

86435130527. 1
86435130528. 2
86435130529. 3
86435130530. 4

Question Number : 52 Question Id : 8643519557 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

.....is called as Vitamin B₆.

1. Cyanocobalamin
2. Thiamine
3. Niacin
4. Pyridoxine

Options :

86435130531. 1
86435130532. 2
86435130533. 3
86435130534. 4

Question Number : 53 Question Id : 8643519558 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The organ which stores blood and destroys worn out red blood cells is

1. Spleen
2. Kidneys
3. Pancreas
4. Lungs

Options :

86435130535. 1
86435130536. 2
86435130537. 3
86435130538. 4

Question Number : 54 Question Id : 8643519559 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

..... is derived from a Greek word which means "cell eater".

1. Pinocyte
2. Leucocyte
3. Phagocyte
4. Thrombocyte

Options :

86435130539. 1
86435130540. 2
86435130541. 3
86435130542. 4

Question Number : 55 Question Id : 8643519560 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The indirect auscultatory method is used for the measurement of

1. Blood pressure
2. Heart rate
3. Urine output
4. Lung capacity

Options :

- 86435130543. 1
- 86435130544. 2
- 86435130545. 3
- 86435130546. 4

Question Number : 56 Question Id : 8643519561 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The amount of energy required to carry on the involuntary work of the body is known as

1. Basal metabolic rate
2. Resting metabolic rate
3. Resting energy expenditure
4. Basal energy rate

Options :

- 86435130547. 1
- 86435130548. 2
- 86435130549. 3
- 86435130550. 4

Question Number : 57 Question Id : 8643519562 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Hygroscopicity of food is a tendency to absorb

1. Nutrients
2. Moisture
3. Steam
4. Air

Options :

86435130551. 1
86435130552. 2
86435130553. 3
86435130554. 4

Question Number : 58 Question Id : 8643519563 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

.....has the ability to form gels and is widely used in preparation of jellies and jams.

1. Xanthin
2. Hemicellulose
3. Cellulose
4. Pectin

Options :

86435130555. 1
86435130556. 2
86435130557. 3
86435130558. 4

Question Number : 59 Question Id : 8643519564 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

.....is used in the preparation of sugar free candies.

1. Pectin
2. D-Mannitol
3. Caramel
4. D-Glucose

Options :

86435130559. 1
86435130560. 2
86435130561. 3
86435130562. 4

Question Number : 60 Question Id : 8643519565 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Lipoproteins are an example for proteins.

1. Derived
2. Fibrous
3. Simple
4. Conjugated

Options :

86435130563. 1
86435130564. 2
86435130565. 3
86435130566. 4

Question Number : 61 Question Id : 8643519566 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is a neutral amino acid?

1. Phenylalanine
2. Tryptophan
3. Glycine
4. Cysteine

Options :

86435130567. 1
86435130568. 2
86435130569. 3
86435130570. 4

Question Number : 62 Question Id : 8643519567 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Medium chain fatty acids havenumber of carbon atoms.

1. 12-18
2. 4-7
3. 6-12
4. 14-20

Options :

86435130571. 1
86435130572. 2
86435130573. 3
86435130574. 4

Question Number : 63 Question Id : 8643519568 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In the intestinal cells, micelles are placed into transport vehicle called

1. Micellar cells
2. Chylomicron
3. Adipose cells
4. Cholesterol

Options :

86435130575. 1

86435130576. 2

86435130577. 3

86435130578. 4

Question Number : 64 Question Id : 8643519569 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The active form of vitamin D is

1. 1, 2-hydroxy calcitriol
2. 1, 25-dihydroxy cholecalciferol
3. 2, 25-dihydroxy cholecalciferol
4. 2, 4-dihydroxy calcitriol

Options :

86435130579. 1

86435130580. 2

86435130581. 3

86435130582. 4

Question Number : 65 Question Id : 8643519570 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Vitamin K is most widely distributed in the plant kingdom as.....

1. Phylloquinone
2. Menadione
3. Menaquinone
4. Phylloquinone

Options :

86435130583. 1
86435130584. 2
86435130585. 3
86435130586. 4

Question Number : 66 Question Id : 8643519571 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Beriberi is a deficiency disorder of

1. Thiamine
2. Riboflavin
3. Niacin
4. Pantothenic acid

Options :

86435130587. 1
86435130588. 2
86435130589. 3
86435130590. 4

Question Number : 67 Question Id : 8643519572 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The three Ds of pellagra, a niacin deficiency is characterized by

1. Dermatitis, Dementia, Dyspepsia
2. Dermatitis, Diarrhea, Distention
3. Dermatitis, Diarrhea, Dementia
4. Dermatitis, Distention, Dyspepsia

Options :

86435130591. 1
86435130592. 2
86435130593. 3
86435130594. 4

Question Number : 68 Question Id : 8643519573 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Hyperkalemia is a term used for excessive intake of

1. Sodium
2. Potassium
3. Calcium
4. Zinc

Options :

86435130595. 1
86435130596. 2
86435130597. 3
86435130598. 4

Question Number : 69 Question Id : 8643519574 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The protein content of 100g of wheat is

1. 5g
2. 6g
3. 8g
4. 12g

Options :

86435130599. 1
86435130600. 2
86435130601. 3
86435130602. 4

Question Number : 70 Question Id : 8643519575 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following can be best categorized under protective foods?

1. Fruits and vegetables
2. Cereals
3. Fat and oils
4. Pulses

Options :

86435130603. 1
86435130604. 2
86435130605. 3
86435130606. 4

Question Number : 71 Question Id : 8643519576 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Identify the neurotransmitter that positively influences the psychological well-being of an individual.

1. Methionine
2. Tyrosine
3. Serotonin
4. Phenylalanine

Options :

86435130607. 1
86435130608. 2
86435130609. 3
86435130610. 4

Question Number : 72 Question Id : 8643519577 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

RDA stands for

1. Reasonable Dietary Allowance
2. Registered Dietary Allowance
3. Recommended Dietary Allowance
4. Rational Dietary Allowance

Options :

86435130611. 1
86435130612. 2
86435130613. 3
86435130614. 4

Question Number : 73 Question Id : 8643519578 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is a strong contributor for obesity?

1. 150 minutes of aerobic exercise per week
2. Sedentary lifestyle
3. Diets low in saturated and trans fats
4. BMI less than 23Kg/m²

Options :

86435130615. 1
86435130616. 2
86435130617. 3
86435130618. 4

Question Number : 74 Question Id : 8643519579 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The measure of spike in the blood sugar levels due to consumption of food is called

1. Glycemic control
2. Glycemic index
3. Glycemic measure
4. Glycemic factor

Options :

86435130619. 1
86435130620. 2
86435130621. 3
86435130622. 4

Question Number : 75 Question Id : 8643519580 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

DASH stands for

1. Dietary Appeals to Stop Hypertension
2. Dietary Allowances to Stop Hypertension
3. Dietary Approaches to Stop Hypertension
4. Dietary Appropriates to Stop Hypertension

Options :

- 86435130623. 1
- 86435130624. 2
- 86435130625. 3
- 86435130626. 4

Question Number : 76 Question Id : 8643519581 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Lutein belongs toclass of phytochemicals.

1. Polyphenols
2. Flavonoids
3. Carotenoids
4. Anthocyanins

Options :

- 86435130627. 1
- 86435130628. 2
- 86435130629. 3
- 86435130630. 4

Question Number : 77 Question Id : 8643519582 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

..... is a dried latex of rhizome of Ferula.

1. Turmeric
2. Tamarind
3. Cumin
4. Asafoetida

Options :

86435130631. 1
86435130632. 2
86435130633. 3
86435130634. 4

Question Number : 78 Question Id : 8643519583 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The moist heat cooking method where the food is cooked at temperatures 80-85 degree celcius below boiling point is.....

1. Sauteing
2. Poaching
3. Blanching
4. Toasting

Options :

86435130635. 1
86435130636. 2
86435130637. 3
86435130638. 4

Question Number : 79 Question Id : 8643519584 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A combination of taste and odour produces

1. Flavour
2. Smell
3. Aroma
4. Texture

Options :

86435130639. 1
86435130640. 2
86435130641. 3
86435130642. 4

Question Number : 80 Question Id : 8643519585 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

..... provides supplementary nutrition, non-formal pre-school education, health education and immunization to children in rural areas of India under the ICDS programme.

1. Balwadi
2. Anganwadi
3. Sarva Shiksha Abhiyan
4. Akshaya Patra

Options :

86435130643. 1
86435130644. 2
86435130645. 3
86435130646. 4

Question Number : 81 Question Id : 8643519586 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The total separation of meat and dairy product practiced by Jewish community is foods.

1. Kowsar
2. Kosher
3. Pavir
4. Halal

Options :

86435130647. 1
86435130648. 2
86435130649. 3
86435130650. 4

Question Number : 82 Question Id : 8643519587 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Presence of lead in water can be classified as type of adulterant.

1. Intentional adulterant
2. Incidental adulterant
3. Metallic contaminant
4. Foreign matter

Options :

86435130651. 1
86435130652. 2
86435130653. 3
86435130654. 4

Question Number : 83 Question Id : 8643519588 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Soap stone is a common adulterant seen in

1. Asafoetida
2. Cumin seeds
3. Coriander seeds
4. Jaggery

Options :

86435130655. 1
86435130656. 2
86435130657. 3
86435130658. 4

Question Number : 84 Question Id : 8643519589 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

ISO is related to food safety management standard.

1. 9000
2. 22000
3. 14000
4. 17025

Options :

86435130659. 1
86435130660. 2
86435130661. 3
86435130662. 4

Question Number : 85 Question Id : 8643519590 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Bureau of Indian Standards can be categorized under

1. Compulsory Act
2. National Policy
3. Compulsory Regulation
4. Voluntary Standards

Options :

- 86435130663. 1
- 86435130664. 2
- 86435130665. 3
- 86435130666. 4

Question Number : 86 Question Id : 8643519591 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which among the following is NOT an artificial sweetener?

1. Saccharin
2. Aspartame
3. Sucralose
4. Sucrose

Options :

- 86435130667. 1
- 86435130668. 2
- 86435130669. 3
- 86435130670. 4

Question Number : 87 Question Id : 8643519592 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Tartrazine is a food

1. Flavour
2. Color
3. Appetizer
4. Stabilizer

Options :

- 86435130671. 1
- 86435130672. 2
- 86435130673. 3
- 86435130674. 4

Question Number : 88 Question Id : 8643519593 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Though GM foods have many benefits, it increases the risk of due to gene modification.

1. Allergies
2. Fever
3. Arthritis
4. None of the above

Options :

- 86435130675. 1
- 86435130676. 2
- 86435130677. 3
- 86435130678. 4

Question Number : 89 Question Id : 8643519594 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The third generation of GM crops are called

1. Input characteristics
2. Plants as factories
3. Output characteristics
4. Plants as survivors

Options :

86435130679. 1

86435130680. 2

86435130681. 3

86435130682. 4

Question Number : 90 Question Id : 8643519595 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The first Genetically Modified plant product in the United Kingdom was

1. Tomato Puree
2. Potato wedges
3. Green peas paste
4. Hummus

Options :

86435130683. 1

86435130684. 2

86435130685. 3

86435130686. 4

Question Number : 91 Question Id : 8643519596 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Identify the steps involved in risk assessment in the right order-

- A. Exposure Assessment
- B. Hazard Characterization
- C. Risk Characterization
- D. Hazard Identification

- 1. C, A, D, B
- 2. A, B, C, D
- 3. D, B, A, C
- 4. D, C, B, A

Options :

- 86435130687. 1
- 86435130688. 2
- 86435130689. 3
- 86435130690. 4

Question Number : 92 Question Id : 8643519597 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Cause and effect diagram is also called as diagram.

- 1. Imadzu
- 2. Ishikawa
- 3. Ikiyazu
- 4. Sigma

Options :

- 86435130691. 1
- 86435130692. 2
- 86435130693. 3

86435130694. 4

Question Number : 93 Question Id : 8643519598 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Bacillus cereus is a food pathogen that causes

1. Splenomegaly
2. Hepatitis
3. Encephalitis
4. Gastroenteritis

Options :

- 86435130695. 1
- 86435130696. 2
- 86435130697. 3
- 86435130698. 4

Question Number : 94 Question Id : 8643519599 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Aflatoxin is produced by which species of Aspergillus?

1. Flavus
2. Ochraceus
3. Alliaceus
4. Ostianus

Options :

- 86435130699. 1
- 86435130700. 2
- 86435130701. 3
- 86435130702. 4

Question Number : 95 Question Id : 8643519600 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The calcium requirement during pregnancy is _____.

1. 800mg
2. 750mg
3. 1000mg
4. 1200mg

Options :

86435130703. 1
86435130704. 2
86435130705. 3
86435130706. 4

Question Number : 96 Question Id : 8643519601 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Fruits and vegetables discolor when bruised or cut due to

1. Caramelization
2. Sulfiting
3. Dehydration
4. Enzymatic browning

Options :

86435130707. 1
86435130708. 2
86435130709. 3
86435130710. 4

Question Number : 97 Question Id : 8643519602 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The blood appears red due to the presence of

1. Haemoglobin
2. WBC
3. Platelets
4. Plasma

Options :

86435130711. 1
86435130712. 2
86435130713. 3
86435130714. 4

Question Number : 98 Question Id : 8643519603 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

This number is for the store, letting employers know how long a certain product can stay on the shelf.

1. Best before date
2. Sell by date
3. Use by date
4. Expiry date

Options :

86435130715. 1
86435130716. 2
86435130717. 3
86435130718. 4

Question Number : 99 Question Id : 8643519604 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Carbohydrates provide ___Kcal/g of energy.

1. 5
2. 4
3. 2
4. 9

Options :

86435130719. 1
86435130720. 2
86435130721. 3
86435130722. 4

Question Number : 100 Question Id : 8643519605 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The Estimated Average Requirements (EAR) is an estimated nutrient adequacy of ____ of the healthy population.

1. 50%
2. 90%
3. 98%
4. 10%

Options :

86435130723. 1
86435130724. 2
86435130725. 3
86435130726. 4