

• Question No. 1

Heron's formula is described as

**Options :**

1.  $\sqrt{s(s-a)(s-b)(s-c)}$  where  $s$  is half the perimeter, or  $(a+b+c)/2$ .
2.  $a^2 + b^2 = c^2$
3.  $x = (-b \pm \sqrt{b^2 - 4ac})/2a$
4. None of these
- 5.

Answer :  $\sqrt{s(s-a)(s-b)(s-c)}$  where  $s$  is half the perimeter, or  $(a+b+c)/2$ .

• Question No. 2

Which of the following is an equation of quadratic equation?

**Options :**

1.  $ax^2 + bx + c = 0$
2.  $ax + b = 0$
3.  $a^x = b$
4. None of these
- 5.

Answer :  $ax^2 + bx + c = 0$

• Question No. 3

What is the value of  $\pi$ ?

**Options :**

1. 2.71828
2. 3.14159

3.  $6.022 \times 10^{23}$

4. 1.61803

5.

Answer : 3.14159

• Question No. 4

What is 1 million equal to ?

**Options :**

1. 1000000

2. 10000

3. 100000

4. 1000

5.

Answer : 1000000

• Question No. 5

Which of the following word is correctly spelled?

**Options :**

1. surveillance

2. Survellance

3. Sarvillance

4. Survelance

5.

Answer : surveillance

• Question No. 6

Which of the following satement is grammatically correct?

**Options :**

1. I am senior to him.
2. I am more senior than him.
3. I am older than him.
4. I have more seniority than him.
- 5.

Answer : I am senior to him.

• Question No. 7

From where does the word "onomatopoeia" originated?

**Options :**

1. Derived from Latin language
2. Derived from French language
3. Derived from Greek language
4. Derived from English language
- 5.

Answer : Derived from Greek language

• Question No. 8

Which of the following is not amongst the G20 member countries?

**Options :**

1. India
2. Italy
3. European Union
4. New Zealand
- 5.

Answer : New Zealand

- Question No. 9

The GCC is an alliance of states that currently consists of how many countries in Western Asia?

**Options :**

1. 5
2. 6
3. 8
4. 9
- 5.

Answer : 6

- Question No. 10

In the UN Emblem which colour symbolizes peace?

**Options :**

1. White
2. Blue
3. Red
4. Yellow
- 5.

Answer : Blue

- Question No. 11

Comprehensive economic partnership agreement is signed between which two countries?

**Options :**

1. India and UAE
2. India and USA
3. India and Sri Lanka

4. USA and UAE

5.

Answer : India and UAE

• Question No. 12

Who is the Chairman of NITI Aayog

**Options :**

1. President

2. Chief Secretary

3. Prime Minister

4. Home Minister

5.

Answer : Prime Minister

• Question No. 13

The period of 1600 to 1700 in the history is known as \_\_\_\_\_?

**Options :**

1. Renaissance

2. Medieval

3. Nepelean

4. Industrial revolution

5.

Answer : Renaissance

• Question No. 14

Which of city in the world has largest population?

**Options :**

1. Tokyo
2. Mumbai
3. New York
4. Delhi
- 5.

Answer : Tokyo

• Question No. 15

Which country is the first to withdraw from the 2015 Paris climate agreement?

**Options :**

1. USA
2. UK
3. Russia
4. Australia
- 5.

Answer : USA

• Question No. 16

Which one of the following nation had recently joined the European Union(EU)?

**Options :**

1. Britain
2. Spain
3. Croatia
4. Ukraine
- 5.

Answer : Croatia

- Question No. 17

Who has been recently elected as new president of Nigeria?

**Options :**

1. Bola Tinubu
2. Atiku Abubakar
3. Peter Obi
4. Kim Un Jong
- 5.

Answer : Bola Tinubu

- Question No. 18

In certain code language 'PUBLIC' is written as 'OTAKHB'. How is 'COURAGE' written in code?

**Options :**

1. BTNZQFD
2. BTNZFDQ
3. BNTQZFD
4. TBNQZDF
- 5.

Answer : BNTQZFD

Direction:

Read the following information and answer the following questions:

K and L are brothers of M. L is the son of N and C. N is the son of D. E is mother-in-law of C. F is the daughter of D.

- Question No. 19

How is M related to F?

**Options :**

1. sister
2. brother
3. Either nephew or niece
4. aunt
- 5.

Answer : Either nephew or niece

Direction:

**Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word and click the button corresponding to it.**

- Question No. 20

Find the correct word.

**Options :**

1. Condone
2. Aprobate
3. Conceede
4. Currtail
- 5.

Answer : Condone

- Question No. 21

Maize is one of the most versatile emerging crops having wider adaptability under varied agro-climatic conditions.

Which type of crop is it?

**Options :**

1. oilseed
2. Cereal crop
3. pulse



4. flower

5.

Answer : Cereal crop

• Question No. 22

Which of the following is/are the National referral laboratory/(ies) nominated and funded by APEDA?

**Options :**

1. NRC for grapes

2. CFTRI

3. NRC for Banana

4. both a and b

5.

Answer : both a and b

• Question No. 23

In India, which state is the First fully organic state?

**Options :**

1. Sikkim

2. Madhya Pradesh

3. Uttarakhand

4. Arunachal Pradesh

5.

Answer : Sikkim

• Question No. 24

There are over one million companies and organizations in over 170 countries certified to ISO 9001. ISO 9001 mark is related to \_\_\_\_\_.

**Options :**

1. export management
2. quality management
3. infrastructure management
4. product handling
- 5.

Answer : quality management

• Question No. 25

The Indian Institute of Packaging (IIP) is an autonomous body set up by the leading packaging and allied industries and the Department of Commerce, Govt. of India. Indian institute of packaging is located at \_\_\_\_\_.

**Options :**

1. Mumbai
2. Gurugram
3. Hapur
4. Hapur
- 5.

Answer : Mumbai

• Question No. 26

Salt is added in the pickle to preserve it for a longer time. Salt in pickle is measured by

**Options :**

1. Picklometer
2. pectinometer
3. Salinometer
4. Refractometer
- 5.

Answer : Salinometer

• Question No. 27

\_\_\_\_\_ is a document that confirms the 'nationality' of a product and serves as a declaration to satisfy customs or trade requirements.

**Options :**

1. NPOP
2. COE
3. Certificate of Origin (CO)
4. All of these
- 5.

Answer : Certificate of Origin (CO)

• Question No. 28

The European Union (EU) has amended its Generalized System of Preferences (GSP) Scheme by introducing the concept of \_\_\_\_\_

**Options :**

1. Self certification
2. Conformity test certification
3. Third party certification
4. None of them
- 5.

Answer : Self certification

• Question No. 29

Which organization provides the list of agriculture products that are banned or restricted for import/export in India?

**Options :**

1. APEDA
2. SFAC
3. DGFT
4. EIC
- 5.

Answer : DGFT

• Question No. 30

Out of the given options, which amino acid is classified as an essential amino acid, meaning it cannot be synthesized by the human body and must be obtained through dietary sources?

**Options :**

1. Asparagine
2. Alanine
3. Lysine
4. Serine
- 5.

Answer : Lysine

• Question No. 31

What is the full form of "PT" in the context of laboratory testing conducted by the Agricultural and Processed Food Products Export Development Authority (APEDA)?

**Options :**

1. Proficiency test
2. Prothrombin Time
3. Pressure Transducer
4. Pressure Time

5.

Answer : Proficiency test

• Question No. 32

Which of the following crop is perennial, meaning it can live for multiple years and does not need to be replanted each season in order to produce a harvestable yield?

**Options :**

1. moringa
2. potato
3. tomato
4. all of these
- 5.

Answer : moringa

• Question No. 33

Which food item is commonly referred to as "poor man's food" due to its relatively low cost and high nutritional value?

**Options :**

1. millets
2. mustard
3. mango
4. almond
- 5.

Answer : millets

• Question No. 34

Which crop is associated with the fungal disease known as "Karnal bunt," which is caused by the fungus *Tilletia indica* and results in the discoloration and deformation of kernels, ultimately reducing crop yield and quality?

**Options :**

1. Maize
2. Wheat
3. Rice
4. Sesame
- 5.

Answer : Wheat

- Question No. 35

A branch of horticulture that deals with the production, storage, processing, and marketing of vegetables is \_\_\_\_\_.

**Options :**

1. pomology
2. floriculture
3. Olericulture
4. Petriculture
- 5.

Answer : Olericulture

- Question No. 36

What is the average percentage of alcohol content by volume in wine?

**Options :**

1. 14%
2. 25%
3. 8%

4. 48%

5.

Answer : 14%

• Question No. 37

..... is a government agency responsible for formulating and implementing foreign trade policies, and regulating exports and imports of various products, including agricultural products.

**Options :**

1. APEDA
2. WTO
3. DGFT
4. None of these
- 5.

Answer : DGFT

• Question No. 38

Where is the location of the Directorate of Onion and Garlic Research?

**Options :**

1. Bengaluru
2. Kochin
3. Nashik
4. Pune
- 5.

Answer : Pune

• Question No. 39

Which crop is commonly associated with the agricultural technique known as "seed plot"?

**Options :**

1. potato
2. onion
3. tomato
4. garlic
- 5.

Answer : potato

• Question No. 40

A mechanism of pulleys and cables which were designed to transport a large number of bananas from large plantations to processing / packing plants is \_\_\_\_\_.

**Options :**

1. Kniffin system
2. Propping
3. Banana Cableway System
4. All of these
- 5.

Answer : Banana Cableway System

• Question No. 41

The World Trade Organization (WTO) is a global international organization dealing with the rules of trade between nations. Who is the current Director-General of WTO?

**Options :**

1. Dr Okonjo-Iweala
2. Mike Moore
3. Supachai Panitchpakdi
4. Pascal Lamy



5.

Answer : Dr Okonjo-Iweala

• Question No. 42

Aminoethoxyvinylglycine (AVG) is an inhibitor of which of the following compound?

**Options :**

1. Ethylene synthesis
2. ABA
3. GA3
4. Cytokinin
- 5.

Answer : Ethylene synthesis

• Question No. 43

Which index is commonly used as a measure of grape maturity and quality in the context of viticulture?

**Options :**

1. Relative wall thickness
2. Fruit fall
3. Drying of top leaves
4. TSS
- 5.

Answer : TSS

• Question No. 44

.....is an international food standards body established with the objective of protecting consumer's health and ensuring fair practices in food trade.

**Options :**

1. WTO
2. Codex Alimentarius Commission
3. FSSAI
4. UNICEF
- 5.

Answer : Codex Alimentarius Commission

• Question No. 45

Rice is a cereal grain which consists of three main parts the bran, the germ, and the endosperm. Edible portion of Rice is.....

**Options :**

1. embryo
2. endosperm
3. aleurone
4. cotyledon
- 5.

Answer : endosperm

• Question No. 46

It is a whole grain rice with the inedible outer hull removed. The Dehulled rice is called as

**Options :**

1. white rice
2. golden rice
3. brown rice.
4. paddy
- 5.

Answer : brown rice.

• Question No. 47

Honey is a sweet, viscous substance produced by honey bees from the nectar of flowers. Honey quality is tested by

**Options :**

1. NMR Test
2. alkali test
3. boiling test
4. none of these
- 5.

Answer : NMR Test

• Question No. 48

Fruits are the mature, ripened ovary of a flowering plant. They are a diverse group of foods that come in a wide variety of shapes, sizes, colors, and flavors. Highest Vitamin C content present in which of the following?

**Options :**

1. Amla
2. Apple
3. Mango
4. Citrus
- 5.

Answer : Amla

• Question No. 49

Slash and Burn cultivation is an agricultural technique in which a plot of land is cleared by cutting down and burning trees and then used for growing crops for a few years until the soil becomes depleted of nutrients. Slash and burn cultivation is also known as

**Options :**

1. Shifting Cultivation
2. conventional farming
3. conservation farming
4. No till farming
- 5.

Answer : Shifting Cultivation

• Question No. 50

The practice of planting different crops sequentially on the same plot of land is called

**Options :**

1. Crop rotation
2. inter cropping
3. relay cropping
4. mixed cropping
- 5.

Answer : Crop rotation

• Question No. 51

Mango is a sweet and juicy fruit with a distinctive flavor and aroma, and is rich in vitamins, minerals, and antioxidants. The temperature at which chilling injury occurs in Mango is

**Options :**

1. below 12 degree C
2. below 8 degree C
3. below 10 degree C
4. below 13 degree C
- 5.

Answer : below 12 degree C

- Question No. 52

APEDA does not give financial assistance for which of the following purposes?

**Options :**

1. Infrastructure such as pack house facilities
2. FPO creation
3. Laboratory testing equipment,
4. Installation of quality management systems,
- 5.

Answer : FPO creation

- Question No. 53

According to the APEDA Act, which of the following is included in the second schedule?

**Options :**

1. Cashew
2. Sugarcane
3. wheat
4. Basmati Rice
- 5.

Answer : Basmati Rice

- Question No. 54

Argemone mexicana adulterates the quality of which of the following?

**Options :**

1. Fish Feed

2. Mustard Cake
3. castor Cake
4. none of these
- 5.

Answer : Mustard Cake

• Question No. 55

Among the various countries that import Indian guar gum, which country holds the distinction of being the largest importer?

**Options :**

1. U S A
2. Russia
3. China
4. Germany
- 5.

Answer : U S A

• Question No. 56

What is the name of the stage where grapes begin to change color?

**Options :**

1. Flowering
2. Pruning
3. Veraison stage
4. None of these
- 5.

Answer : Veraison stage

- Question No. 57

What is the share of apeda in total agri export in 2020-21?

**Options :**

1. 29%
2. 39%
3. 49%
4. 59%
- 5.

Answer : 49%

- Question No. 58

Foot and mouth disease (FMD) is a highly contagious disease that affects cloven-hoofed animals, including cattle, sheep, goats, and pigs. Foot and Mouth Disease is caused by ?

**Options :**

1. Protozoa
2. Virus
3. Bacteria
4. None of these
- 5.

Answer : Virus

- Question No. 59

Which certification is required for the export of organic products?

**Options :**

1. PGS
2. NPOP

3. Both
4. none of these
- 5.

Answer : Both

• Question No. 60

FSSAI is a regulatory body that is responsible for ensuring the safety and quality of food products in India. Food Safety and Standards Act was notified on

**Options :**

1. 23rd July, 2006
2. 23rd August, 2006
3. 23rd September, 2006
4. 23rd December, 2006
- 5.

Answer : 23rd August, 2006

• Question No. 61

Which of the following bacterial genera is a common cause of soft rot in plants?

**Options :**

1. Erwinia
2. Puccinia
3. ustilago
4. tilletia
- 5.

Answer : Erwinia

• Question No. 62



Vegetables play a very important role in Human nutrition. Vegetables are mostly of which nature?

**Options :**

1. Alkaline
2. Acidic
3. neutral
4. mildly acidic
- 5.

Answer : Alkaline

- Question No. 63

FPO stands for food process order and it is a certification mark for the processed food industry to ensure proper hygiene and sanitation is maintained by the industry during manufacturing. Fruit product order came in which year?

**Options :**

1. 1955
2. 1947
3. 1985
4. 1987
- 5.

Answer : 1955

- Question No. 64

Under the agreement between the Government of India and the Government of South Korea, mangoes exported from India to South Korea are required to undergo.....

**Options :**

1. Vapour heat treatment
2. Chemical treatment
3. Fumigation

4. None of these

5.

Answer : Vapour heat treatment

• Question No. 65

APEDA ( Agricultural and Processed Food Products Export Development Authority) established under which of the following Ministry?

**Options :**

1. Ministry of Agriculture and Farmer's Welfare
2. Ministry of commerce and industries
3. Ministry of Animal Husbandry, Fishery and Dairying
4. Ministry of food processing industries
- 5.

Answer : Ministry of commerce and industries

• Question No. 66

What is the role of APHIS' Plant Protection and Quarantine (PPQ)?

**Options :**

1. Oversees import and export of livestock
2. Protects agricultural and natural resources from plant pests and diseases in USA
3. Manages national parks and wildlife refuges
4. Regulates food safety in India
- 5.

Answer : Protects agricultural and natural resources from plant pests and diseases in USA

• Question No. 67

SPS refers to protect human, animal, and plant life and health from potential risks that may arise from the import, export, and trade of food, plants, and animals. What is the fullform of SPS?

**Options :**

1. Sanitary and phytosanitary
2. Standard Product Specifications
3. Sustainable Production System
4. Systematic Product Safety
- 5.

Answer : Sanitary and phytosanitary

- Question No. 68

A certification mark employed on agricultural products in India, assuring that they confirm to a set of standards approved by the Directorate of Marketing and Inspection, an agency of the Government of India is called\_\_\_\_\_

**Options :**

1. IFA
2. BIS
3. AGMARK
4. none of these
- 5.

Answer : AGMARK

- Question No. 69

Meat is a good source of protein and essential nutrients like iron, zinc, and vitamin B12. Pink color of cured meat is due to

**Options :**

1. pH
2. nitrosylhemochrome

3. Pectin
4. all of these
- 5.

Answer : nitrosylhemochrome

• Question No. 70

Who proposed the Germplasm theory of heredity?

**Options :**

1. Weisman
2. Charles Darwin
3. T. Morgan
4. Sutton & Boveri
- 5.

Answer : Weisman

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