Along with Physical activity, thermogenesis and growth which of the following component contribute to the total energy needs of an individual:

Options:

2. ✔ Basal metabolic rate

Match the items in section A comprising of age groups with the items provided in section B comprising of the energy requirements.

<table>
<thead>
<tr>
<th>Section A</th>
<th>Section B</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) 13-15 year old girl</td>
<td>i. 1900 Kcal per day</td>
</tr>
<tr>
<td>b) 7-9 year old girl</td>
<td>ii. 2440 Kcal per day</td>
</tr>
<tr>
<td>c) 1-3 year old girl</td>
<td>iii. 2330 Kcal per day</td>
</tr>
<tr>
<td>d) 25 year old sedentary women</td>
<td>iv. 1060 Kcal per day</td>
</tr>
<tr>
<td>e) 16-17 year old girl</td>
<td>v. 1690 Kcal per day</td>
</tr>
</tbody>
</table>

Options:

3. ✔ a-iii  b-v  c-iv  d-i  e-ii

Which nutrient needs to be supplemented in the diet of an infant 6 months of age if she is exclusively breast fed?

Options:

3. ✔ Iron

A cardiovascular disease condition characterized by deposition of fatty deposits in the arteries which interfere with blood flow is called:

Options:

2. ✔ Atherosclerosis

The fat of human milk has a high content of which of the following that is critical for brain growth in early infancy.

Options:

1. ✔ Docosahexanoid acid (DHA)

Pink colour in processed meat is due to the pigment:

Options:

2. ✔ Nitrosyl hemochrome
Which of the following factor is not a function of vitamin C.

Options:

1. ✔ Absorption of calcium and phosphorus

Select the correct statement:

Options:

2. ✔ Zinc plays central role in cellular and humoral immunity

In routine clinical practice, it is now recommended to administer supplement for children suffering from diarrhoea.

Options:

1. ✔ Zinc

Blanching of foods is most useful for:

Options:

4. ✔ Inactivating enzymes from food

Read the following statements:

A) Browning in condensed milk occurs due to Maillard reaction.
B) It is due to reaction between reducing sugar and fat.

Select the correct option:

Options:

1. ✔ Statement A is correct and B is incorrect

Read the following statements:

A) Obesity and heart disease are a result of excessive energy intake and reduced physical activity.
B) Sedentary life style and consuming high density foods leads to degenerative diseases.

Select the correct option:

Options:

3. ✔ Both Statement A and B are correct

HFSS foods refer to:

Options:

3. ✔ High Fat Salt Sugar
Question Number : 14
Question Type : MCQ
Option Shuffling : Yes
Display Question Number : Yes
Single Line Question Option : No
Option Orientation : Vertical
Correct Marks : 1
Wrong Marks : 0.33

Good cooking practices include:

a) Use of baking soda for hastening cooking
b) Repeated thorough washing of cut vegetables before cooking
c) Cutting vegetables into large pieces for cooking
d) Not soaking cut vegetables in water for long time
e) Not cooking frozen foods in the microwave directly

Select the correct option:

Options:

4. ✔ c, d and e

Question Number : 15
Question Type : MCQ
Option Shuffling : Yes
Display Question Number : Yes
Single Line Question Option : No
Option Orientation : Vertical
Correct Marks : 1
Wrong Marks : 0.33

The optimal pH range for most plants is between the ranges of—

Options:

1. ✔ 5.5 and 7.2

Question Number : 16
Question Type : MCQ
Option Shuffling : Yes
Display Question Number : Yes
Single Line Question Option : No
Option Orientation : Vertical
Correct Marks : 1
Wrong Marks : 0.33

Brass gets discoloured in air because of the presence of which of the following gases in air?

Options:

4. ✔ Hydrogen sulphide

Question Number : 17
Question Type : MCQ
Option Shuffling : Yes
Display Question Number : Yes
Single Line Question Option : No
Option Orientation : Vertical
Correct Marks : 1
Wrong Marks : 0.33

How many ounces are in a pound?

Options:

3. ✔ 16

Question Number : 18
Question Type : MCQ
Option Shuffling : Yes
Display Question Number : Yes
Single Line Question Option : No
Option Orientation : Vertical
Correct Marks : 1
Wrong Marks : 0.33

The revolt of Vellore occurred during the regime of which Governor?

Options:

4. ✔ Sir George Barlow

Question Number : 19
Question Type : MCQ
Option Shuffling : Yes
Display Question Number : Yes
Single Line Question Option : No
Option Orientation : Vertical
Correct Marks : 1
Wrong Marks : 0.33

The GST’s ‘anti-profiteering’ clause refers to—

Options:

2. ✔ Business that receive benefit of paying lower taxes under the GST must pass it on to the consumers

Question Number : 20
Question Type : MCQ
Option Shuffling : Yes
Display Question Number : Yes
Single Line Question Option : No
Option Orientation : Vertical
Correct Marks : 1
Wrong Marks : 0.33

What does venture capital mean?

Options:

2. ✔ A long-term start-up capital provided to new entrepreneurs
Question Number : 21 Question Id : 47163915827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
Which of the following statements, with respect to grants from central to state resources is/are correct?
a. The statutory grants to the state are given on the recommendation of NITI Aayog.
b. Provision for statutory grant is prescribed under article 275 of the constitution.
c. Grants may differ in amount for different states
Select the correct option from the codes given below:
Options :
2.  ✔ Only b & c

Question Number : 22 Question Id : 47163915828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
Project Tsang-da is associated with-
Options :
2.  ✔ Waste management

Question Number : 23 Question Id : 47163915829 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
What will come in place of both the question marks (?) in the following question?
\[
\frac{(?)^{2.3}}{8} = \frac{2}{(?)^{1.7}}
\]
Options :
4.  ✔ 2

Question Number : 24 Question Id : 47163915830 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
A truck covers a distance of 360 km in 8 h. A car covers the same distance in 6 h. What is the respective ratio between the speed of truck and the car?
Options :
2.  ✔ 3 : 4

Question Number : 25 Question Id : 47163915831 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
On children’s day sweets were to be equally distributed amongst 200 children. But on that particular day 40 children remained absent; hence each child got 2 extra sweets. How many sweets were distributed?
Options :
4.  ✔ 1600

Question Number : 26 Question Id : 47163915832 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
Gluten is derived from which of the following plant sources?
Options :
2.  ✔ Wheat
HDL is synthesized and secreted from:

Options:
2. Liver

Insulin shock is a condition of:

Options:
1. Low Blood glucose level

Assam Tea will cover by which type of IPR?

Options:
3. Geographical design

Handbook on Cooking recipes is classified under:

Options:
1. Practical Handbook

Measure of tendency means:

Options:
3. Mean, Mode, Median

Consider the following statements—
a. The Gateway of India was erected in honour of King George V and Queen Mary’s landing at Apollo Bunder on their visit to India.
b. The foundation stone of The Gateway of India was laid on March 31, 1911, by the then-Governor of Mumbai, Sir George Sydenham Clarke.
Which of the above statement/s is/are correct?

Options:
Both a and b

Consider the following about ‘Lambasigni’—
a. Lambasigni is a hill station in Visakhapatnam’s Chintapalli town.
b. It is also known as the ‘Kashmir of Andhra Pradesh’.
Which of the statement/s is/are correct?

Options:
3. Both a and b
Greenhouse gas produced primarily through anaerobic processes by natural wetlands and rice paddies.

Options:
2. Methane

Soils characteristically develop in equatorial, tropical, and subtropical zones on land surfaces that have been stable over long periods of time.

Options:
2. Oxisols

A significant feature of this river is lack of development of the tributary streams.

Options:

DELETED

The most dominant zonal soils in Andhra Pradesh.

Options:
3. Red soils

State where most of the sugar mills are not in the co-operative sector.

Options:
2. Bihar

Which one of the following is an example of footloose industry?

Options:
4. Diamond

It is not the characteristic of commercial grain farming in semi-arid lands.

Options:
4. Multiple cropping

In the following given options who is the beneficiary of “Pradhan Mantri Mudra Yojana”?

Options:
3. Micro Industrial Units
Question Number : 42  Question Id : 47163915848  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  
Correct Marks : 1  Wrong Marks : 0.33  
Identify which of the following sectors are included in the campaign sectors of “Make in India” program?  
Options : 
4. ✔ All of the given options

Question Number : 43  Question Id : 47163915849  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  
Correct Marks : 1  Wrong Marks : 0.33  
Name the program for optimizing efficiency of freight and passenger transport?  
Options : 
4. ✔ Bharath Mala

Question Number : 44  Question Id : 47163915850  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  
Correct Marks : 1  Wrong Marks : 0.33  
Among the India’s top major ports, which of them is the top traffic handler?  
Options : 
3. ✔ Kandla

Question Number : 45  Question Id : 47163915851  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  
Correct Marks : 1  Wrong Marks : 0.33  
Which among the following is the flagship programme of Ministry of Skill Development and Entrepreneurship?  
Options : 
1. ✔ Pradhan Mantri Kausal Vikas Yojana

Question Number : 46  Question Id : 47163915852  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  
Correct Marks : 1  Wrong Marks : 0.33  
What is production?  
Options : 
4. ✔ All of the given options

Question Number : 47  Question Id : 47163915853  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  
Correct Marks : 1  Wrong Marks : 0.33  
The price at which two currencies are exchanged?  
Options : 
4. ✔ Exchange Rate

Question Number : 48  Question Id : 47163915854  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  
Correct Marks : 1  Wrong Marks : 0.33  
Process of gaining electrons is known as ____________  
Options : 
2. ✔ Reduction

Question Number : 49  Question Id : 47163915855  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  
Correct Marks : 1  Wrong Marks : 0.33  
The drugs used for reducing fever are  
Options : 
4. ✔ Antipyretics
The clinical thermometer reads from-

3. ☑ 94 F to 108 F

Fill in the blank-

_______ is used in x-ray of abdomen as barium meal.

Options:

2. ☑ Barium sulphate

TFOXX is related to-

Options:

1. ☑ Small Fox

Who has been named as the new speaker of Lok Sabha?

Options:

2. ☑ Om Birla

How many medical bills are approved by the Union Cabinet that was lapsed in the 16th Lok Sabha session?

Options:

1. ☑ 2

The largest Coconut producing state in India is-

Options:

4. ☑ Tamil Nadu

The first Indian State to go wholly organic is-

Options:

2. ☑ Sikkim

Bancha became India’s first all solar kitchen village, it belongs to the state of-

Options:

1. ☑ Madhya Pradesh
Which word does not belong to others?

Options:

2. ✔ Kilogram

DIFF stands for:

Options:

3. ✔ Department of Industrial Policy & Promotion

India’s rank in Ease of Doing Business in 2018 is:

Options:

4. ✔ 77/190

Cretonism occurs in children due to the deficiency of

Options:

3. ✔ Iodine

Do-nothing farming is advocated by:

Options:

3. ✔ Masanobu Fukuoka

Participatory Notes (PN) are associated with which of the following?

Options:

3. ✔ Foreign institutional investors

In India, deficit financing is used for raising resources for:

Options:

2. ✔ Economic development

A state of the market in which only a small number of buyers exists for a product is called:

Options:

4. ✔ Oligopsony
Question Number : 66 Question Id : 47163915872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
What is the purpose of MRTP Act ?
Options :
2. ✅ To control private monopoly

Question Number : 67 Question Id : 47163915873 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
When was MSME Act passed ?
Options :
4. ✅ 2006

Question Number : 68 Question Id : 47163915874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
Methemoglobinemia or blue baby disease in infants occurs due to
Options :
1. ✅ Nitrate

Question Number : 69 Question Id : 47163915875 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
As per the Indian Standard for Drinking Water - Specification (IS 10500 : 2012), the permissible concentration of Iron as Fe in drinking water is
Options :
2. ✅ 0.3mg/l

Question Number : 70 Question Id : 47163915876 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
The most abundant class of bacteria often associated with organic matter degradation and Sulphur cycle is :
Options :
3. ✅ Betaproteo bacteria

Question Number : 71 Question Id : 47163915877 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
Abui Hussam Hussam, a George Mason University Professor, the winner of the 2007 Grainger Challenge Prize developed a life-saving water filtration technology known as :
Options :
3. ✅ Sono Arsenic Filtering

Question Number : 72 Question Id : 47163915878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33
World Health Organization has fixed the maximum permissible limit of uranium in drinking water to ______ micro grams per litre.
Options :

DELETED
The India's commitment under Paris Agreement is to reduce the 30-35% of emission intensity of GDP by year 2030 as compared to that of .......year.

Options:
1.  ✓ 2005

In the Bhopal tragedy which occurred on December 3, 1984 the water leaked into one of the tanks holding

Options:
2.  ✓ Methyl Isocyanate gas

In India the number of agro-climatic zones is 

Options:
1.  ✓ 15

Consuming the fish that has grown in heavy metal affected water can cause.......in humans

Options:
1.  ✓ Bio-magnification of heavy metals in human body

UN declared 2016 as

Options:
1.  ✓ International year of pulses

The contribution of agriculture to Indian economy towards total GDP in the year 2017-18 is

Options:
1.  ✓ 17 Percent

Rice is a

Options:
1.  ✓ Short day plant

Number of plants per unit area is called as

Options:
1.  ✓ Plant density
4. ✔ The Philippines

Question Number : 81 Question Id : 47163915887 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

International Rice Research Institute is located at

Options :

2. ✔ Maize

Question Number : 82 Question Id : 47163915888 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

Queen of cereals is

Options :

3. ✔ Cowpea

Question Number : 83 Question Id : 47163915889 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

The crop which is known as vegetable meat

Options :

1. ✔ West Bengal

Question Number : 84 Question Id : 47163915890 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

Leading producer of jute in India

Options :

4. ✔ Fodder

Question Number : 85 Question Id : 47163915891 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

Crops which are exclusively cultivated for feeding the livestock are specifically called as

Options :

4. ✔ 1,00,000 liters

Question Number : 86 Question Id : 47163915892 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

One hectare Centimeter of water is equal to

Options :

3. ✔ March 22

Question Number : 87 Question Id : 47163915893 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

World water day is celebrated on

Options :

1. ✔ Sprinkler

Question Number : 88 Question Id : 47163915894 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

Irrigation method recommended for undulated topography

Options :
Question Number : 89  
Soul of the soil is  
Options :  
1. ✔ Organic carbon

Question Number : 90  
The father of modern organic agriculture is  
Options :  
3. ✔ Sir Albert Howard

Question Number : 91  
India's rank in terms of World's Organic Agricultural land in 2015 according to FIEL & IFOAM was _______  
Options :  
1. ✔ Ninth

Question Number : 92  
The basic objective of crop rotation is to  
Options :  
1. ✔ Maintain soil fertility

Question Number : 93  
Earthworm commonly recommended for vermi-composting  
Options :  
1. ✔ Lumbricus rubellus

Question Number : 94  
Expand LEISA  
2. ✔ Low External Input Sustainable Agriculture
Options :  

Question Number : 95  
Which is an indicator for soil degradation  
Options :  
2. ✔ Soil erosion
The type of farming where capital input is high and the production is marketed and profit oriented
Options:
4. ✔ Commercial farming

The most extensive soil type found in India is
Options:
4. ✔ Alluvial

Clay soil contains which type of pores in large extent
Options:
1. ✔ Capillary pores

Soil property which can be altered by ploughing is
Options:
1. ✔ Soil structure

Sudden outbreak of a disease in a severe form in a region at a particular time
Options:
3. ✔ Epidemic disease

The cost of producing an additional unit of output is
Options:
4. ✔ Marginal cost

In simple terms, total value of final goods and services produced in a country during a period of time is
Options:
1. ✔ GDP

Crop loans are
Options:
1. ✔ Current liability
Under PPVFR Act, farmers can sell their produce as

Options:
2. ☑ Unbranded seeds

Consider the following statements in respect to ‘Maganti Annapurna Devi’ –

a. Was the first Indian woman to fund all her gold ornaments for the cause of freedom movement thus becoming a trendsetter of this kind.
b. Annapurna Devi started Mohandas khaddar Industry at Eluru, Krishna district.

Which among the above statements is/are incorrect?

Options:
4. ☑ None of the given options

The common protein of wheat is

Options:
1. ☑ Gluten

Monosodium glutamate (MSG) is used as a

Options:
3. ☑ Flavor enhancer

Most abundant milk proteins are

Options:
3. ☑ Casein

The metal bound to Chlorophyll is

Options:
2. ☑ Magnesium

Neera, a sweetened drink is obtained from

Options:
3. ☑ Palms
Question Number : 111 Question Id : 47163915917 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

Scientific name of Mango is

Options :
3.  ✓ Mangifera indica

Question Number : 112 Question Id : 47163915918 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

The percentage of sugars in juice is expressed in

Options :
3.  ✓ Brix

Question Number : 113 Question Id : 47163915919 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

Oleoresins means

Options :
1.  ✓ Oils of Spices

Question Number : 114 Question Id : 47163915920 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

Central Potato Research Institute is situated at

Options :
2.  ✓ Shimla

Question Number : 115 Question Id : 47163915921 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

‘Tofu’ is prepared from

Options :
1.  ✓ Soybean

Question Number : 116 Question Id : 47163915922 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

EMR stands for

Options :
3.  ✓ Basal Metabolic rate

Question Number : 117 Question Id : 47163915923 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

Who among the following formed the group “Brothers of India”?

Options :
1.  ✓ Annie Besant

Question Number : 118 Question Id : 47163915924 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

ISO 22000 is used for

Options :
3.  ✓ Food safety management system
Defence Food Research Laboratory is located in Mysuru.

The changes in fats or oils is accomplished by undesirable flavour known as Rancidity.

Many chemicals are added intentionally during production, processing or storage to improve or enhance the qualities of the foods stuff termed as Food additives.

About half of the diet should be made up of Grains and vegetables.

Amylases in saliva begin the breakdown of carbohydrates into simple sugar.

Louis Pasteur established the modern era of food microbiology in 1857 when he showed that microorganisms cause spoilage.

Mineral associated with the production of insulin in the body is Zinc.
The pungent principle in chillies is an alkaloid called

Options:
1. ☑️ Capsaicin

With reference to freedom struggle consider the following points—

b. Tanguturi Prakasam, a politician and a freedom fighter faced the police, tore open his shirt, bared his chest and dared them to shoot if they could. This singular act of defiance won him the title of Andhra Kesari.

Which of the statements given above is/are correct?

Options:
3. ☑️ Both a and b

The Head office MFEDA is located in

Options:
1. ☑️ Cochin

Which agency has been nominated as the nodal agency to coordinate the efforts on Agri Export Zone by Central Government

Options:
1. ☑️ APEDA

At which place on February 11, 2019 was the plaque unveiled to mark the serving of 3rd billionth meal by Akshaya Patra Foundation

Options:
4. ☑️ Vrindavan

The enzyme which causes browning of fruit and vegetables is

Options:
2. ☑️ Polyphenol-oxidase

A missing term in the series given is marked by a question mark (?). Choose the correct term to complete the series?

\[
\frac{1}{2} \quad \frac{3}{4} \quad \frac{5}{8} \quad \frac{7}{16} \quad ?
\]

1. ☑️ \frac{9}{32}
The sum of the series $1^2 + 2^2 + 3^2 + \ldots + 15^2$ is -

Options:

2. **1240**

Fill the next number in the series 6, 13, 28, 59, ?

Options:

2. **122**

Two numbers are such as the square of one is 224 less than 8 times the square of the other. If the numbers be in the ratio of 3: 4 their values are

Options:

2. **6, 8**

In three numbers, the first is twice the second and thrice the third. If the average of these three numbers is 44, then the first number is

Options:

1. **72**

A vendor sells 60% of apples he had and throws away 15% of the remainder. Next day he sells 50% of the remainder and throws away the rest. What percent of his apples does the vendor throw?

Options:

2. **23 Percent**

If S is 150% of T, then T is what percent of S + T?

Options:

1. **40 Percent**

By selling 33 m of cloth, a shopkeeper gains the price of 11 m cloth. His gain percent is

Options:

2. **50 Percent**
The difference between the simple interest and the compound interest compounded annually at the rate of 12% per annum on Rs. 5000 for two years will be

Options:

4. ✓ Rs. 72

In a company XYZ Ltd., a certain number of engineers can develop a design in 40 days. If there were 5 more engineers, it could be finished in 10 days less. How many engineers were there in the beginning?

Options:

4. ✓ 15

A certain distance is covered by a train with a certain speed. If half the distance is covered in double time, then the ratio of this speed to that of the original is

Options:

1. ✓ 1: 4

In a group of buffaloes and ducks, the number of legs are 24 more than twice the number of heads. What is the number of buffaloes in the group?

Options:

2. ✓ 12

$$18 \times 8 + (?)^2 = (15)^2$$

Options:

1. ✓ 9

$$ (?)^2 \times 25 = (385)^2$$

Options:

4. ✓ 77

Two numbers are such that the sum of twice the first number and thrice the second number is 126 and the sum of thrice the first number and twice the second number is 144. What is the smallest number?

Options:

1. ✓ 18
Question Number : 147 Question Id : 47163915953 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

2: 22 :: ?: 2222

Options :
3. ☑ 202

---

Question Number : 148 Question Id : 47163915955 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

4, 6, 10, (12), 16, (14), 22

Options :
1. ☑ If the first bracketed term is right and second is wrong

---

Question Number : 149 Question Id : 47163915956 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

3, 10, 29, (66), (127), 218

Options :
2. ☑ If both the bracketed terms are right

---

Question Number : 150 Question Id : 47163915957 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0.33

(2), 5, (12), 25, 41, 61

Options :
4. ☑ If both the bracketed terms are wrong