Question Number : 1  Question Id : 47163915807  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  
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  

Question Number : 2  Question Id : 47163915808  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
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

Question Number : 3  Question Id : 47163915809  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 nutrient needs to be supplemented in the diet of an infant 6 months of age if she is exclusively breast fed?
Options :
3. ✔️ iron

Question Number : 4  Question Id : 47163915810  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 cardiovascular disease condition characterized by deposition of fatty deposits in the arteries which interfere with blood flow is called:
Options :
2. ✔️ Atherosclerosis

Question Number : 5  Question Id : 47163915811  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 fat of human milk has a high content of which of the following that is critical for brain growth in early infancy?
Options :
1. ✔️ Docosahexanoic acid (DHA)

Question Number : 6  Question Id : 47163915812  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
Pink colour in processed meat is due to the pigment:
Options :
2. ✔️ Nitrosyl hemochrome

Question Number : 7  Question Id : 47163915813  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 factor is not a function of vitamin C:
Options :
1. ✔️ Absorption of calcium and phosphorus.

Question Number : 8  Question Id : 47163915814  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

Select the correct statement:

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

Question Number : 9  Question Id : 47163915815  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
In routine clinical practice, it is now recommended to administer supplement for children suffering from diarrhoea.
Options :
1. ✔ Zinc

Question Number : 10  Question Id : 47163915816  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
Blanching of foods is most useful for:
Options :
4. ✔ Inactivating enzymes from food

Question Number : 11  Question Id : 47163915817  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
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.

Question Number : 12  Question Id : 47163915818  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
Read the following statements:
A) Obesity and heart disease are a result of excessive energy intake and reduced physical activity.
B) Sedentary lifestyle and consuming high density foods leads to degenerative diseases.
Select the correct option:
Options :
3. ✔ Both Statement A and B are correct.

Question Number : 13  Question Id : 47163915819  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
HFSS foods refer to:
Options :
3. ✔ High Fat Salt Sugar

Question Number : 14  Question Id : 47163915820  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 Id : 47163915821 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 Id : 47163915822 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 Id : 47163915823 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 Id : 47163915824 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 Id : 47163915825 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 Id : 47163915826 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-dá 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?

\[
\frac{(?)^3}{8} = 2
\]

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
As 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

---

Question Number : 27  Question Id : 47163915833  Question Type : MCQ  Option Shuffling : Yes  Display Question Number : Yes  Single Line Question Option : No  Option Orientation : Vertical
HDL is synthesized and secreted from
Options:
2. Liver

Question Number : 28  Question Id : 47163915834  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
Insulin shock is a condition of
Options:
1. Low Blood glucose level

Question Number : 29  Question Id : 47163915835  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
Assam Tea will cover by which type of IPR?
Options:
3. Geographical design

Question Number : 30  Question Id : 47163915836  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
Handbook on Cooking recipes is classified under
Options:
1. Practical Handbook

Question Number : 31  Question Id : 47163915837  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
Measure of tendency means
Options:
3. Mean, Mode, Median

Question Number : 32  Question Id : 47163915838  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
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:
1. Only a

Question Number : 33  Question Id : 47163915839  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
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:
1. ✓ Narmada

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  Single Line Question Option : No  Option Orientation : Vertical
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

4. ✔ Bharath Mala

Question Number : 43  Question Id : 47163915849  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
Name the program for optimizing efficiency of freight and passenger transport?
Options :
4. ✔ Bharath Mala

5. ✔ Kandla

Question Number : 44  Question Id : 47163915850  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
Among the India’s top major ports, which of them is the top traffic handler?
Options :
3. ✔ Kandla

6. ✔ Pradhan Mantri Kausal Vikas Yojana

Question Number : 45  Question Id : 47163915851  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 among the following is the flagship programme of Ministry of Skill Development and Entrepreneurship?
Options :
1. ✔ Pradhan Mantri Kausal Vikas Yojana

7. ✔ All of the given options

Question Number : 46  Question Id : 47163915852  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 production?
Options :
4. ✔ All of the given options

Question Number : 47  Question Id : 47163915853  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 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  Single Line Question Option : No  Option Orientation : Vertical
Correct Marks : 1  Wrong Marks : 0.33
Process of gaining electrons is known as ____________.
Options :
2. ✔ Reduction

8. ✔ Exchange Rate
The drugs used for reducing fever are

Options:

4. ✓ Antipyretics

Question Number : 50  Question Id : 47163915856  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 clinical thermometer reads from-

Options:

3. ✓ 94 F to 108 F

Question Number : 51  Question Id : 47163915857  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

Fill in the blank-

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

Options:

2. ✓ Barium Sulphate

Question Number : 52  Question Id : 47163915858  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

TPOXX is related to-

Options:

1. ✓ Small Pox

Question Number : 53  Question Id : 47163915859  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 has been named as the new speaker of Lok Sabha?

Options:

2. ✓ Om Birla

Question Number : 54  Question Id : 47163915860  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 medical bills are approved by the Union Cabinet that was lapsed in the 16th Lok Sabha session?

Options:

1. ✓ 2

Question Number : 55  Question Id : 47163915861  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 largest Coconut producing state in India is-

Options:

4. ✓ Tamil Nadu

Question Number : 56  Question Id : 47163915862  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 first Indian State to go wholly organic is-

Options:

2. ✓ Sikkim
Question Number : 57  Question Id : 47163915863  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  
Bancha became India’s first all solar kitchen village, it belongs to the state of- 
Options :  
1. ✔ Madhya Pradesh

Question Number : 58  Question Id : 47163915864  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 word does not belong to others? 
Options :  
2. ✔ Kilogram

Question Number : 59  Question Id : 47163915865  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  
DIPP stands for: 
Options :  
3. ✔ Department of Industrial Policy & Promotion

Question Number : 60  Question Id : 47163915866  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  
India’s rank in Ease of Doing Business in 2018 is: 
Options :  
4. ✔ 77/190

Question Number : 61  Question Id : 47163915867  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  
Cretinism occurs in children due to the deficiency of 
Options :  
3. ✔ Iodine

Question Number : 62  Question Id : 47163915868  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  
Do-nothing farming is advocated by: 
Options :  
3. ✔ Masanobu Fukuoka

Question Number : 63  Question Id : 47163915869  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  
Participatory Notes (PN) are associated with which of the following? 
Options :  
3. ✔ Foreign institutional investors

Question Number : 64  Question Id : 47163915870  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  
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. ✔ Oligopoly

What is the purpose of MRTP Act?

Options:

2. ✔ To control private monopoly

When was MSME Act passed?

Options:

4. ✔ 2006

Methemoglobinemia or blue baby disease in infants occurs due to

Options:

1. ✔ Nitrate

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

The most abundant class of bacteria often associated with organic matter degradation and Sulphur cycle is:

Options:

3. ✔ Betaproteo bacteria

Abul 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
World Health Organization has fixed the maximum permissible limit of uranium in drinking water to _____ micro grams per litre.

Options:
1. ✓ 15

Question Number : 73  Question Id : 47163915879  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 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

Question Number : 74  Question Id : 47163915880  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
In the Bhopal tragedy which occurred on December 3, 1984 the water leaked into one of the tanks holding ______

Options:
2. ✓ Methyl Isocyanate gas

Question Number : 75  Question Id : 47163915881  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
In India the number of agro-climatic zones is ______

Options:
1. ✓ 15

Question Number : 76  Question Id : 47163915882  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
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

Question Number : 77  Question Id : 47163915883  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
UN declared 2016 as

Options:
1. ✓ International year of pulses

Question Number : 78  Question Id : 47163915884  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 contribution of agriculture to Indian economy towards total GDP in the year 2017-18 is

Options:
1. ✓ 17 Percent

Question Number : 79  Question Id : 47163915885  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
Rice is a

Options:
1. ✔ Short day plant

Question Number : 80  Question Id : 47163915886  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
Number of plants per unit area is called as
Options :
1. ✔ Plant density

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 :
4. ✔ The Philippines

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 :
2. ✔ Maize

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 :
3. ✔ Cowpea

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 :
1. ✔ West Bengal

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. ✔ Fodder

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 :
2. ✔ 1,00,000 liters

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:
3. ✔ March 22

---

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:
1. ✔ Sprinkler

---

Question Number : 89  Question Id : 47163915895  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
Soul of the soil is
Options:
1. ✔ Organic carbon

---

Question Number : 90  Question Id : 47163915896  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 father of modern organic agriculture is
Options:
3. ✔ Sir Albert Howard

---

Question Number : 91  Question Id : 47163915897  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
India’s rank in terms of World’s Organic Agricultural land in 2015 according to FIBL & IFOAM was ______
Options:
1. ✔ Ninth

---

Question Number : 92  Question Id : 47163915898  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 basic objective of crop rotation is to
Options:
1. ✔ Maintain soil fertility

---

Question Number : 93  Question Id : 47163915899  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
Earthworm commonly recommended for vermi-composting
Options:
1. ✔ Lumbricus rubellus

---

Question Number : 94  Question Id : 47163915900  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
Expand LEISA
Options:

2. ✓ Low External Input Sustainable Agriculture

Question Number: 95  Question Id: 47163915901  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 is an indicator for soil degradation
Options:

2. ✓ Soil erosion

Question Number: 96  Question Id: 47163915902  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 type of farming where capital input is high and the production is marketed and profit oriented
Options:

4. ✓ Commercial farming

Question Number: 97  Question Id: 47163915903  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 extensive soil type found in India is
Options:

4. ✓ Alluvial

Question Number: 98  Question Id: 47163915904  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
Clay soil contains which types of pores in large extent
Options:

1. ✓ Capillary pores

Question Number: 99  Question Id: 47163915905  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
Soil property which can be altered by ploughing is
Options:

1. ✓ Soil structure

Question Number: 100  Question Id: 47163915906  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
Sudden outbreak of a disease in a severe form in a region at a particular time
Options:

3. ✓ Epidemic disease

Question Number: 101  Question Id: 47163915907  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 cost of producing an additional unit of output is
Options:

4. ✓ Marginal cost

Question Number: 102  Question Id: 47163915908  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
In simple terms, total value of final goods and Services produced in a country during a period of time is
Options:
1. ✔ GDP

Question Number: 103  Question Id: 47163915909  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
Crop loans are
Options:
1. ✔ Current liability

Question Number: 104  Question Id: 47163915910  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
Under PPVFR Act, farmers can sell their produce as
Options:
2. ✔ Unbranded seeds

Question Number: 105  Question Id: 47163915911  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
Consider the following statements in respect to “Maganti Annapurna Devi” –

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

Which among the above statement is/ are incorrect?
Options:
4. ✔ None of the given options

Question Number: 106  Question Id: 47163915912  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 common protein of wheat is
Options:
1. ✔ Gluten

Question Number: 107  Question Id: 47163915913  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
Monosodium glutamate (MSG) is used as a
Options:
3. ✔ Flavor enhancer

Question Number: 108  Question Id: 47163915914  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
Most abundant milk proteins are
Options:
3. ✔ Casein

Question Number: 109  Question Id: 47163915915  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 metal bound to Chlorophyll is
Options:
2. Magnesium

Neera, a sweetened drink is obtained from:
Options:
3. Palms

Scientific name of Mango is
Options:
3. Mangifera indica

The percentage of sugars in juice is expressed in
Options:
3. Brix

Oleoresins means
Options:
1. Oils of Spices

Central Potato Research Institute is situated at
Options:
2. Shimla

‘Tofu’ is prepared from
Options:
1. Soybean

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

Question Number : 119  Question Id : 47163915925  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
Defence Food Research Laboratory is located in
Options :
3. ✓ Mysuru

Question Number : 120  Question Id : 47163915926  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 changes in fats or oils is accomplished by undesirable flavour known as
Options :
2. ✓ Rancidity

Question Number : 121  Question Id : 47163915927  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
Many chemicals are added intentionally during production, processing or storage to improve or enhance the qualities of the foods stuff termed as____________
Options :
2. ✓ Food additives

Question Number : 122  Question Id : 47163915928  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
About half of the diet should be made up of _________
Options :
1. ✓ Grains and vegetables

Question Number : 123  Question Id : 47163915929  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
Amylases in saliva begin the breakdown of carbohydrates into
Options :
4. ✓ simple sugar

Question Number : 124  Question Id : 47163915930  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
Louis Pasteur established the modern era of food microbiology in 1857 when he showed that microorganisms cause _____ spoilage.

Options:

4. ✔ Milk

Question Number : 125  Question Id : 47163915931  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
Mineral associated with the production of insulin in the body is

Options:

3. ✔ Zinc

Question Number : 126  Question Id : 47163915932  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 pungent principle in chillies is an alkaloid called

Options:

1. ✔ Capsaicin

Question Number : 127  Question Id : 47163915933  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
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

Question Number : 128  Question Id : 47163915934  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 Head office MPEDA is located in

Options:

1. ✔ Cochin

Question Number : 129  Question Id : 47163915935  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 agency has been nominated as the nodal agency to coordinate the efforts on Agri Export Zone by Central Government

Options:

1. ✔ APEDA

Question Number : 130  Question Id : 47163915936  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
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?

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

Options:

1. \(\frac{9}{32}\)  2. \(\frac{1}{2}\)

The sum of the series

\[1^2 + 2^2 + 3^2 + \ldots + 15^2\] is-

Options:

1. 1240  2. 1240

Fill the next number in the series.

6, 13, 25, 59, ?

Options:

1. 122  2. 122

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

Options:

1. 8, 8 2. 8, 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  2. 72
Question Number : 137  Question Id : 47163915943  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 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

Question Number : 138  Question Id : 47163915944  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
If S is 150% of T, then T is what percent of S + T?
Options :
1. ✓ 40 Percent

Question Number : 139  Question Id : 47163915945  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
By selling 33 m of cloth, a shopkeeper gains the price of 11 m cloth. His gain percent is
Options :
2. ✓ 50 Percent

Question Number : 140  Question Id : 47163915946  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 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

Question Number : 141  Question Id : 47163915947  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
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

Question Number : 142  Question Id : 47163915948  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 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

Question Number : 143  Question Id : 47163915949  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
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

Question Number : 144  Question Id : 47163915950  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

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

Options :
1  ✔ 9

Question Number : 145  Question Id : 47163915951  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

\[ (?)^2 \times 25 = (385)^2 \]

Options :
4  ✔ 77

Question Number : 146  Question Id : 47163915952  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

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

Sub-Section Number: 2
Sub-Section Id: 471639246
Question Shuffling Allowed: Yes

Question Id : 47163915954  Question Type : COMPREHENSION  Sub Question Shuffling Allowed : Yes  Group Comprehension Questions : No
Question Numbers : (148 to 150)
Question Label : Comprehension
Directions: In each of the following number series, two terms have been put within brackets. Select the right option

Sub questions

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
1. ✔ If the first bracketed term is right and second is wrong

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

2. ✔ If both the bracketed terms are right

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

4. ✔ If both the bracketed terms are wrong