Selection Post Phase IX 2021 Matriculation level

Roll Number	
Candidate Name	
Venue Name	
Exam Date	03/02/2022
Exam Time	12:00 PM - 1:00 PM
Subject	Selection Post Matriculation Level

Section : **General Intelligence**

Q.1 In a certain code language, 'DENSITY' is coded as '4-5-14-19-9-20-25'. How will 'UBIQUITOUS' be coded in that language?

Ans ✔ 1. 21-2-9-17-21-9-20-15-21-19

✘ 2. 20-2-9-16-20-9-20-15-20-19

✘ 3. 21-2-8-17-21-8-20-15-21-19

✘ 4. 21-2-9-16-21-9-19-15-21-18

Question ID : **65497839214**
Status : **Answered**
Chosen Option : **1**

Q.2 In a certain code language, 'DOPING' is written as 'TMRKLW', and 'WATER' is written as 'IVGZD'. How will 'COUNTER' be written in that language?

Ans ✘ 1. WGLAMXT

✔ 2. IVGMFLX

✘ 3. IGIAMUH

✘ 4. WLGMATX

Question ID : **65497838703**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Select the correct mirror image of the given combination when the mirror is placed at PQ as shown.

TECHNICAL | P
| Q

Ans ✘ 1. ⊥ƎƆHИIƆⱯ⅃

✘ 2. ⊥ƎƆHIИƆⱯ⅃

✘ 3. ⊥ⱯƆIИHƆƎ⊥

✔ 4. ⅃ⱯƆIИHƆƎ⊥

Question ID : **65497838414**
Status : **Answered**
Chosen Option : **4**

Q.4 If '×' means '+', '÷' means '−', '+' means '÷', and '−' means '×', then what will be the value of the following expression?

231 ÷ 21 × 49 + 7 − 28

Ans ✗ 1. 518

✗ 2. 448

✔ 3. 406

✗ 4. 427

Question ID : **65497838410**
Status : **Answered**
Chosen Option : **3**

Q.5 L, M, N, O and P are sitting in a straight line on a bench, facing the north direction. P is sitting next to L. M is sitting to the immediate left of O, who is at one of the ends of the bench. N is not sitting between P and M. L is second to the left of M. L and N are sitting together. In which position is N sitting?

Ans ✔ 1. At the left end of the bench

✗ 2. Between P and M

✗ 3. Between M and L

✗ 4. Between P and O

Question ID : **65497838708**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.6 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Planning
2. Playing
3. Place
4. Placard
5. Plough
6. Plead

Ans ✗ 1. 3, 4, 1, 2, 6, 5

✗ 2. 4, 3, 1, 2, 5, 6

✗ 3. 4, 3, 2, 1, 6, 5

✔ 4. 4, 3, 1, 2, 6, 5

Question ID : **65497839207**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

8 : 12 :: 6: ? :: 10 : 15

Ans ✗ 1. 7

✗ 2. 8

✔ 3. 9

✗ 4. 10

Question ID : **65497838715**
Status : **Answered**
Chosen Option : **3**

Q.8 In a certain code language, 'FATHER' is written as 'AFHTRE', and 'SISTER' is written as 'ISTSRE'. How will 'MOTHER' be written in that language?

Ans ✗ 1. TOMREH

✗ 2. TMOERH

✗ 3. OMHRET

✔ 4. OMHTRE

Question ID : **65497838090**
Status : **Answered**
Chosen Option : **4**

Q.9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
1. All Parrots are Vegetables.
2. Some Mobiles are Parrots.
3. All Towels are Mobiles.

Conclusions:
I. All Towels are Vegetables.
II. Some Towels are Vegetables.
III. Some Vegetables are Mobiles.
IV. All Mobiles are Vegetables.

Ans ✗ 1. Only conclusions I and III follow.

✗ 2. Only conclusion II follows.

✔ 3. Only conclusion III follows.

✗ 4. Only conclusion I follows.

Question ID : **65497838405**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the number from among the given options that can replace the question mark (?) in the following series.

13, 17, 19, 23, 29, ?

Ans ✗ 1. 30
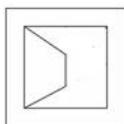
✗ 2. 36

✔ 3. 31

✗ 4. 33

Question ID : **65497838204**
Status : **Answered**
Chosen Option : **4**

Q.11 Raghuram's father has a daughter komali and a son Rithwik whose father's sister Lalita is married to Ranjit whose father-in-law is Murali. How Lalita's father is related to Raghuram?

Ans ✗ 1. Uncle

✗ 2. Nephew
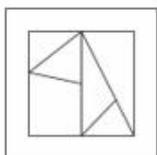
✗ 3. Son

✔ 4. Grand father

Question ID : **65497839018**
Status : **Answered**
Chosen Option : **4**

Q.12 Select the option in which the given figure is embedded (rotation is NOT allowed).
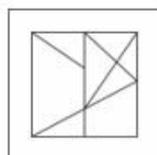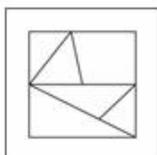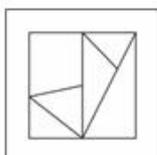

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : **65497839229**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

QJB, RLE, SNH, TPK, ?

Ans ✗ 1. VRM

✗ 2. WSM

✔ 3. URN

✗ 4. VSN

Question ID : **65497838186**
Status : **Answered**
Chosen Option : **3**

Q.14 Select the number from among the given options that can replace the question mark (?) in the following series.

52, 65, 82, 95, 112, ?

Ans ✗ 1. 132

✗ 2. 129

✔ 3. 125

✗ 4. 127

Question ID : **65497839223**
Status : **Answered**
Chosen Option : **3**

Q.15 Mukesh is the father of Suresh. Raju is the brother of Suresh. Neena is the only daughter of Mukesh. Kishan is the son of Suresh and Priyanka.
How is Neena related to Kishan?

Ans ✖ 1. Sister

✔ 2. Father's sister

✖ 3. Mother's sister

✖ 4. Daughter

Question ID : **65497838200**
Status : **Answered**
Chosen Option : **2**

Q.16 Six friends A, B, C, D, E and F are sitting around a circle facing towards the centre. C and A are the immediate neighbours of D. Only B is sitting between F and E. F is sitting to the immediate right of C.
Who is sitting second to the left of A?

Ans ✖ 1. E

✖ 2. C

✖ 3. F

✔ 4. B

Question ID : **65497839219**
Status : **Answered**
Chosen Option : **4**

Q.17 In a certain code language, 'ASCRIBE' is coded as '1-3-19-18-2-5-9', and 'SOLVENT' is coded as '12-15-19-22-5-14-20'. How will 'SPECIES' be coded in that language?

Ans ✖ 1. 16-5-19-3-5-18-19

✖ 2. 15-6-19-3-9-5-19

✖ 3. 5-16-19-6-5-9-19

✔ 4. 5-16-19-3-5-9-19

Question ID : **65497838909**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

S_PT_ST_TZ_T_T_S_P_Z

Ans ✔ 1. T, Z, P, S, P, Z, T, T

✖ 2. Z, P, T, S, P, T, T, Z

✖ 3. Z, T, P, P, S, T, Z, T

✖ 4. T, P, Z, S, T, Z, P, T

Question ID : **65497838699**
Status : **Answered**
Chosen Option : **1**

Q.19 In a certain code language, 'DEATH' is written as 'IBXYM'. How will 'SIMPLE' be written in that language?

Ans ✗ 1. NFKRBQ

✗ 2. XLRUQH

✓ 3. XFRUQB

✗ 4. NFRKQB

Question ID : **65497838906**
Status : **Answered**
Chosen Option : **3**

Q.20 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

BEH : GLQ :: JMP : ?

Ans ✗ 1. QWZ

✗ 2. MRV

✗ 3. NSY

✓ 4. OTY

Question ID : **65497838395**
Status : **Answered**
Chosen Option : **4**

Q.21 In a certain code language, 'BAT' is coded as 46, and 'LIMP' is coded as 100. How will 'HONOUR' be coded in that language?

Ans ✗ 1. 186

✓ 2. 182

✗ 3. 157

✗ 4. 173

Question ID : **65497838093**
Status : **Answered**
Chosen Option : **2**

Q.22 Select the option that is related to the third word in the same way as the second word is related to the first word.

Dentist : Teeth :: Orthopaedic : ?

Ans ✗ 1. Lungs

✗ 2. Blood

✓ 3. Bones

✗ 4. Bone marrow

Question ID : **65497839210**
Status : **Answered**
Chosen Option : **3**

Q.23 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some doctors are anchors.
Some anchors are singers.
No singer is a musician.

Conclusions:
I. Some singers are doctors is a possibility.
II. Some musicians are not anchors is a possibility.

Ans ✔ 1. Both conclusions I and II follow.

✖ 2. Only conclusion II follows.

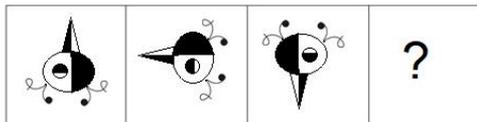✖ 3. Only conclusion I follows.

✖ 4. Neither conclusion I nor conclusion II follows.

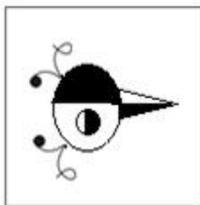Question ID : **65497838717**
Status : **Answered**
Chosen Option : **1**

Q.24 Select the figure from among the given options that can replace the question mark (?) in the following series.
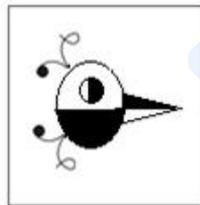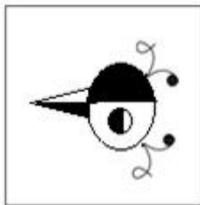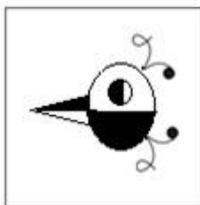

Ans

✖ 1.

✔ 2.

✖ 3.

✖ 4.

Question ID : **65497838208**
Status : **Answered**
Chosen Option : **2**

Q.25 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

Ans ✗ 1. FJN

✓ 2. MQW

✗ 3. CGK

✗ 4. JNR

Question ID : **65497838188**
Status : **Answered**
Chosen Option : **2**

Section : **English Language**

Q.1 Select the most appropriate meaning of the given idiom.

Flex one's muscles

Ans ✗ 1. show that one has more muscles than another

✗ 2. show one's muscular strength

✗ 3. beat someone physically with muscle strength

✓ 4. give or make a show of one's strength

Question ID : **65497839240**
Status : **Answered**
Chosen Option : **4**

Q.2 Select the most appropriate option to fill in the blank.

I am going to _____ my parrot from the cage.

Ans ✗ 1. clear

✓ 2. release

✗ 3. deliver

✗ 4. issue

Question ID : **65497839234**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the option that can be used as a one-word substitute for the given group of words.

To stay longer than necessary

Ans ✗ 1. Digress

✗ 2. Wander

✗ 3. Stroll

✓ 4. Linger

Question ID : **65497838426**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.4 Select the most appropriate ANTONYM of the given word.

Conceit

Ans ✖ 1. Vanity

✖ 2. Immodesty

✖ 3. Pomposity

✔ 4. Humility

Question ID : **65497838422**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.5 Select the most appropriate ANTONYM of the given word.

Talkative

Ans ✖ 1. Chatty

✔ 2. Withdrawn

✖ 3. Garrulous

✖ 4. Conversational

Question ID : **65497838217**

Status : **Answered**

Chosen Option : **2**

Q.6 Select the option that expresses the given sentence in reported speech.

"Vidushi, you have grown even taller!" said Sana.

Ans ✖ 1. Sana had exclaimed how Vidushi is growing even taller.

✖ 2. Sana will exclaim to Vidushi that she was even taller.

✔ 3. Sana exclaimed to Vidushi that she had grown even taller.

✖ 4. Sana exclaims how even taller Vidushi had grown.

Question ID : **65497838212**

Status : **Answered**

Chosen Option : **3**

Q.7 Select the most appropriate meaning of the given idiom.

Full of hot air

Ans ✖ 1. Energetic

✖ 2. Hot-headed

✔ 3. Self-important

✖ 4. Nervous

Question ID : **65497838729**

Status : **Answered**

Chosen Option : **1**

Q.8 Select the option that can be used as a one-word substitute for the given group of words.

All the customers of a business

Ans ✗ 1. Leaders

✓ 2. Clientele

✗ 3. Workers

✗ 4. Executives

Question ID : **65497838221**
Status : **Answered**
Chosen Option : **2**

Q.9 Select the INCORRECTLY spelt word.

Ans ✓ 1. Disatisfied

✗ 2. Encourage

✗ 3. Courteous

✗ 4. Ambition

Question ID : **65497838429**
Status : **Answered**
Chosen Option : **1**

Q.10 Select the wrongly spelt word.

Ans ✗ 1. classical

✓ 2. classisist

✗ 3. classification

✗ 4. classic

Question ID : **65497838631**
Status : **Answered**
Chosen Option : **2**

Q.11 Select the most appropriate synonym of the given word.

Hamper

Ans ✓ 1. Block

✗ 2. Facilitate

✗ 3. Push

✗ 4. Permit

Question ID : **65497838725**
Status : **Answered**
Chosen Option : **1**

Q.12 Select the most appropriate synonym of the given word.

Reckless

Ans ✓ 1. Careless

✗ 2. Cautious

✗ 3. Thoughtful

✗ 4. Wise

Question ID : **65497839236**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the most appropriate option to fill in the blank.

She was so angry that she **_____** the door and ran out.

Ans   ✔ 1. slammed

   ✘ 2. crashed

   ✘ 3. crushed

   ✘ 4. blasted

Question ID : **65497838723**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the wrongly spelt word.

Ans   ✘ 1. infidel

   ✘ 2. infinitive

   ✘ 3. infiltrate

   ✔ 4. infirtile

Question ID : **65497838835**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the option that expresses the given sentence in active voice.

The team is being led by an able captain.

Ans   ✘ 1. An able captain was leading the team.

   ✘ 2. An able captain will lead the team.

   ✘ 3. An able captain led the team.

   ✔ 4. An able captain is leading the team.

Question ID : **65497839231**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follow.

Both, water and energy are integral parts of the human body. By weight, about 60% of an adult's human body is water and dehydration is one of the biggest single killers of children in the modern world. Life without water is unthinkable. The human body needs its daily intake of food to meet its energy requirement which, according to the Food and Agriculture Organisation of the UN, is about 1800 kcal per day. Life without energy is equally unthinkable. The energy that we take in through food again depends, amongst other things, on water for agriculture and often that water is pumped with electrical, mechanical or other forms of energy. The interdependence of water and energy is evident. The world at large seeks water and energy security. The Worldwatch Institute estimates that about 1.1 billion are facing economic water shortage (when existing water sources cannot be used because of a lack of investment in water-related infrastructure). We will probably have a world population of 9 billion by 2050 which will put further stress on the water sourcing and supply systems. Here again, the connection between energy and water is evident. Globally, around 70% water consumption is in the agricultural sector. No water, no food, no energy.
Actions needed on the water front include reduction in water usage for agriculture (pump efficiency, drip irrigation, change in crop patterns), recycling of water, rainwater harvesting, stoppage of run-offs and water pollution.
We need to remember that the fossil-based energy we rely on so much is stored energy. And, while the sun took 150 million years to store its energy in the fossil fuels, we are busy discharging that huge solar battery in a matter of a few hundred years.

SubQuestion No : 16

Q.16 Which of the following factors is likely to put further pressure on water sources?

Ans   ✗ 1. Checking water pollution

✗ 2. Change in crop patterns

✗ 3. Recycling of water

✔ 4. Increase in world population

Question ID : **65497838438**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follow.

Both, water and energy are integral parts of the human body. By weight, about 60% of an adult's human body is water and dehydration is one of the biggest single killers of children in the modern world. Life without water is unthinkable. The human body needs its daily intake of food to meet its energy requirement which, according to the Food and Agriculture Organisation of the UN, is about 1800 kcal per day. Life without energy is equally unthinkable. The energy that we take in through food again depends, amongst other things, on water for agriculture and often that water is pumped with electrical, mechanical or other forms of energy. The interdependence of water and energy is evident. The world at large seeks water and energy security. The Worldwatch Institute estimates that about 1.1 billion are facing economic water shortage (when existing water sources cannot be used because of a lack of investment in water-related infrastructure). We will probably have a world population of 9 billion by 2050 which will put further stress on the water sourcing and supply systems. Here again, the connection between energy and water is evident. Globally, around 70% water consumption is in the agricultural sector. No water, no food, no energy.
Actions needed on the water front include reduction in water usage for agriculture (pump efficiency, drip irrigation, change in crop patterns), recycling of water, rainwater harvesting, stoppage of run-offs and water pollution.
We need to remember that the fossil-based energy we rely on so much is stored energy. And, while the sun took 150 million years to store its energy in the fossil fuels, we are busy discharging that huge solar battery in a matter of a few hundred years.

SubQuestion No : 17

Q.17 Economic water shortage occurs when _____.

Ans   ✗ 1. water resources are polluted

✗ 2. the supply of water is not adequate

✗ 3. the sources of water dry up

✔ 4. existing water sources cannot be tapped

Question ID : **65497838440**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follow.

Both, water and energy are integral parts of the human body. By weight, about 60% of an adult's human body is water and dehydration is one of the biggest single killers of children in the modern world. Life without water is unthinkable. The human body needs its daily intake of food to meet its energy requirement which, according to the Food and Agriculture Organisation of the UN, is about 1800 kcal per day. Life without energy is equally unthinkable. The energy that we take in through food again depends, amongst other things, on water for agriculture and often that water is pumped with electrical, mechanical or other forms of energy. The interdependence of water and energy is evident. The world at large seeks water and energy security. The Worldwatch Institute estimates that about 1.1 billion are facing economic water shortage (when existing water sources cannot be used because of a lack of investment in water-related infrastructure). We will probably have a world population of 9 billion by 2050 which will put further stress on the water sourcing and supply systems. Here again, the connection between energy and water is evident. Globally, around 70% water consumption is in the agricultural sector. No water, no food, no energy.
Actions needed on the water front include reduction in water usage for agriculture (pump efficiency, drip irrigation, change in crop patterns), recycling of water, rainwater harvesting, stoppage of run-offs and water pollution.
We need to remember that the fossil-based energy we rely on so much is stored energy. And, while the sun took 150 million years to store its energy in the fossil fuels, we are busy discharging that huge solar battery in a matter of a few hundred years.

SubQuestion No : 18

Q.18 The passage focusses on:

Ans   ✗ 1. increased dependence on fossil fuels

  ✗ 2. different forms of energy

  ✔ 3. the interdependence of water and energy

  ✗ 4. high water consumption in the agriculture sector

Question ID : **65497838441**
Status : **Answered**
Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follow.

Both, water and energy are integral parts of the human body. By weight, about 60% of an adult's human body is water and dehydration is one of the biggest single killers of children in the modern world. Life without water is unthinkable. The human body needs its daily intake of food to meet its energy requirement which, according to the Food and Agriculture Organisation of the UN, is about 1800 kcal per day. Life without energy is equally unthinkable. The energy that we take in through food again depends, amongst other things, on water for agriculture and often that water is pumped with electrical, mechanical or other forms of energy. The interdependence of water and energy is evident. The world at large seeks water and energy security. The Worldwatch Institute estimates that about 1.1 billion are facing economic water shortage (when existing water sources cannot be used because of a lack of investment in water-related infrastructure). We will probably have a world population of 9 billion by 2050 which will put further stress on the water sourcing and supply systems. Here again, the connection between energy and water is evident. Globally, around 70% water consumption is in the agricultural sector. No water, no food, no energy.
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We need to remember that the fossil-based energy we rely on so much is stored energy. And, while the sun took 150 million years to store its energy in the fossil fuels, we are busy discharging that huge solar battery in a matter of a few hundred years.

SubQuestion No : 19

Q.19 Fossil-based energy is _____.

Ans   ✔ 1. stored solar energy

  ✗ 2. human energy

  ✗ 3. electrical energy

  ✗ 4. mechanical energy

Question ID : **65497838439**
Status : **Answered**
Chosen Option : **1**

Comprehension:

Read the given passage and answer the questions that follow.

Both, water and energy are integral parts of the human body. By weight, about 60% of an adult's human body is water and dehydration is one of the biggest single killers of children in the modern world. Life without water is unthinkable. The human body needs its daily intake of food to meet its energy requirement which, according to the Food and Agriculture Organisation of the UN, is about 1800 kcal per day. Life without energy is equally unthinkable. The energy that we take in through food again depends, amongst other things, on water for agriculture and often that water is pumped with electrical, mechanical or other forms of energy. The interdependence of water and energy is evident. The world at large seeks water and energy security. The Worldwatch Institute estimates that about 1.1 billion are facing economic water shortage (when existing water sources cannot be used because of a lack of investment in water-related infrastructure). We will probably have a world population of 9 billion by 2050 which will put further stress on the water sourcing and supply systems. Here again, the connection between energy and water is evident. Globally, around 70% water consumption is in the agricultural sector. No water, no food, no energy.
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We need to remember that the fossil-based energy we rely on so much is stored energy. And, while the sun took 150 million years to store its energy in the fossil fuels, we are busy discharging that huge solar battery in a matter of a few hundred years.

SubQuestion No : 20

Q.20 Which of the following CANNOT help to save water?

Ans   ✘ 1. Preventing run-offs

  ✔ 2. Dehydration

  ✘ 3. Drip irrigation

  ✘ 4. Rainwater harvesting

Question ID : **65497838437**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Sudha Murty was born in 1950 in Shiggaon in north Karnataka. She did her MTech (1) _____ computer science, and is now the chairperson of (2) _____ Infosys Foundation. A prolific (3) _____ in English and Kannada, she (4) _____ novels, technical books, travelogues, collections of short stories and non-fictional pieces, and four books for children. (5) _____ books have been translated into all the major Indian languages.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank No. 1.

Ans   ✘ 1. on

  ✘ 2. of

  ✔ 3. in

  ✘ 4. at

Question ID : **65497838737**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Sudha Murty was born in 1950 in Shiggaon in north Karnataka. She did her MTech (1) _____ computer science, and is now the chairperson of (2) _____ Infosys Foundation. A prolific (3) _____ in English and Kannada, she (4) _____ novels, technical books, travelogues, collections of short stories and non-fictional pieces, and four books for children. (5) _____ books have been translated into all the major Indian languages.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank No. 2.

Ans   ✗ 1. an

  ✓ 2. the

  ✗ 3. one

  ✗ 4. a

Question ID : **65497838738**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Sudha Murty was born in 1950 in Shiggaon in north Karnataka. She did her MTech (1) _____ computer science, and is now the chairperson of (2) _____ Infosys Foundation. A prolific (3) _____ in English and Kannada, she (4) _____ novels, technical books, travelogues, collections of short stories and non-fictional pieces, and four books for children. (5) _____ books have been translated into all the major Indian languages.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank No. 3.

Ans   ✗ 1. speaker

  ✗ 2. poet

  ✗ 3. reader

  ✓ 4. writer

Question ID : **65497838739**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Sudha Murty was born in 1950 in Shiggaon in north Karnataka. She did her MTech (1) _____ computer science, and is now the chairperson of (2) _____ Infosys Foundation. A prolific (3) _____ in English and Kannada, she (4) _____ novels, technical books, travelogues, collections of short stories and non-fictional pieces, and four books for children. (5) _____ books have been translated into all the major Indian languages.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank No. 4.

Ans   ✓ 1. has written

  ✗ 2. writing

  ✗ 3. write

  ✗ 4. will write

Question ID : **65497838740**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Sudha Murty was born in 1950 in Shiggaon in north Karnataka. She did her MTech (1) _____ computer science, and is now the chairperson of (2) _____ Infosys Foundation. A prolific (3) _____ in English and Kannada, she (4) _____ novels, technical books, travelogues, collections of short stories and non-fictional pieces, and four books for children. (5) _____ books have been translated into all the major Indian languages.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank No. 5.

Ans ✔ 1. Her

✘ 2. His

✘ 3. Their

✘ 4. My

Question ID : **65497838741**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 A sum of ₹26,550 is divided among 3 men, 2 women and 6 girls in such a way that each man, each woman and each girl get money in the ratio 2 : 3 : 1. How much money does each man get (in ₹)?

Ans ✘ 1. 1,475

✔ 2. 2,950

✘ 3. 3,200

✘ 4. 5,900

Question ID : **65497838252**
Status : **Answered**
Chosen Option : **2**

Q.2 A 270 m long train crosses a man standing on a platform in 24 seconds. How much time (in seconds) will it take to cross a 330 m long train travelling at 39.5 km/h in the opposite direction?

Ans ✘ 1. 28

✔ 2. 27

✘ 3. 25

✘ 4. 30

Question ID : **65497838769**
Status : **Answered**
Chosen Option : **2**

Q.3 A shopkeeper marks his goods 25% above the cost price and allows 20% discount. Find his profit percentage.

Ans ✘ 1. 5%

✘ 2. 4%

✘ 3. 2%

✔ 4. 0%

Question ID : **65497838244**
Status : **Answered**
Chosen Option : **4**

Q.4 Find the value of: $0.78^3 + 0.22^3 + 3(0.78)(0.22) + 1$.

Ans
✗ 1. 8
✗ 2. 4
✗ 3. 1
✓ 4. 2

Question ID : **65497838771**
Status : **Answered**
Chosen Option : **4**

Q.5 In June 2020, a salesman sold an average of 210 toys per day. If for the first 12 days, the average sales of toys per day were 180 and for the next 8 days, the average sales per day were 215, then what was his average sale (per day) of the toys for the remaining days of the month?

Ans
✗ 1. 240
✗ 2. 235
✗ 3. 237
✓ 4. 242

Question ID : **65497838752**
Status : **Answered**
Chosen Option : **4**

Q.6 If $x + \frac{1}{x} = 4$, then find the value of $x^3 + \frac{1}{x^3}$.

Ans
✗ 1. 42
✓ 2. 52
✗ 3. 48
✗ 4. 64

Question ID : **65497839282**
Status : **Answered**
Chosen Option : **2**

Q.7 A shopkeeper sells an article at 18% loss. What is its marked price (in ₹) if it is sold at ₹5,740?

Ans
✗ 1. 5,890
✓ 2. 7,000
✗ 3. 6,000
✗ 4. 4,706

Question ID : **65497839263**
Status : **Answered**
Chosen Option : **2**

Q.8 The simple interest on a certain amount of money is 45% of the principal amount. The time for which the money was lent is four-fifth of the numerical value of the rate percent per annum. What is the rate percent per annum?

Ans ✗ 1. 15%

✔ 2. 7.5%

✗ 3. 9.5%

✗ 4. 12%

Question ID : **65497839376**
Status : **Answered**
Chosen Option : **2**

Q.9 A six-digit number of the form ababab is always divisible by:

Ans ✗ 1. 11111

✗ 2. 10001

✗ 3. 11001

✔ 4. 10101

Question ID : **65497838442**
Status : **Answered**
Chosen Option : **4**

Q.10 The average of 9 numbers arranged in ascending order is 18. If the average of the first five numbers is 16 and the average of the last five numbers is 19, then what is the fifth number?

Ans ✗ 1. 12

✔ 2. 13

✗ 3. 15

✗ 4. 17

Question ID : **65497838138**
Status : **Answered**
Chosen Option : **2**

Q.11 What is the average of all the prime numbers between 70 and 90?

Ans ✔ 1. 79

✗ 2. 80

✗ 3. 81.6

✗ 4. 78.66

Question ID : **65497838954**
Status : **Answered**
Chosen Option : **1**

Q.12 The income of A is 48% more than that of B and the income of C is 50% of the combined income of A and B. By what per cent is the income of A more than that of C? (Correct to one decimal place)

Ans ✔ 1. 19.4

✗ 2. 18.6

✗ 3. 20.3

✗ 4. 16.2

Question ID : **65497838449**
Status : **Answered**
Chosen Option : **1**

Q.13 The sides of two squares are in the ratio 2 : 3 and the sum of their perimeters is 180 cm. Find the area of the larger square (in cm^2).

Ans   ✔ 1. 729

   ✘ 2. 324

   ✘ 3. 225

   ✘ 4. 900

Question ID : **65497838260**
Status : **Answered**
Chosen Option : **1**

Q.14 The simple interest on a sum of money at 15% per annum for 2 years is ₹2,700. Compounded annually, what would be the compound interest (in ₹) on the same sum for the same period and at the same rate of interest?

Ans   ✘ 1. 2,920.50

   ✘ 2. 2,290.50

   ✘ 3. 2,209.50

   ✔ 4. 2,902.50

Question ID : **65497838357**
Status : **Answered**
Chosen Option : **4**

Q.15 A car travels at 60 km/h for the first 40 minutes, at 75 km/h for the next 80 minutes and at 80 km/h for the next 12 minutes. What is the average speed (in km/h) of the car?

Ans   ✘ 1. $61\frac{9}{11}$

   ✔ 2. $70\frac{10}{11}$

   ✘ 3. $71\frac{2}{3}$

   ✘ 4. $71\frac{1}{3}$

Question ID : **65497838462**
Status : **Answered**
Chosen Option : **2**

Q.16 In an election between two contestants, 25% of the votes were invalid and one contestant got 45% of the total valid votes. If the total number of votes was 16,00,000, the number of valid votes that the winning contestant got, was:

Ans   ✘ 1. 7,00,000

   ✔ 2. 6,60,000

   ✘ 3. 6,50,000

   ✘ 4. 7,10,000

Question ID : **65497838349**
Status : **Answered**
Chosen Option : **2**

Q.17 If 50 men working 8 hours a day can complete a work in 20 days, then in how many days will 32 men working 10 hours a day complete the same work?

Ans
✗ 1. 16
✔ 2. 25
✗ 3. 24
✗ 4. 30

Question ID : **65497838257**
Status : **Answered**
Chosen Option : **2**

Q.18 A sum of ₹8,600 amounts to ₹9,589 in $2\frac{1}{2}$ years at x % p.a. simple interest. What will be the amount of the same sum in $4\frac{1}{5}$ years at $(x + 0.4)$ % p.a.?

Ans
✗ 1. ₹10,384
✗ 2. ₹10,300
✔ 3. ₹10,406
✗ 4. ₹10,205

Question ID : **65497838457**
Status : **Answered**
Chosen Option : **3**

Q.19 The profit earned by a company is to be divided among three friends A, B and C, who invested their money in the company, in the ratio of 9 : 12 : 19. The share of the person who invested the most is ₹5,244. What amount (in ₹) does A get?

Ans
✔ 1. 2,484
✗ 2. 2,544
✗ 3. 2,844
✗ 4. 2,684

Question ID : **65497839271**
Status : **Answered**
Chosen Option : **1**

Q.20 When a number is divided by 13, it leaves the remainder 6. What will be the remainder when the square of the same number is divided by 13?

Ans
✗ 1. 9
✗ 2. 12
✗ 3. 11
✔ 4. 10

Question ID : **65497838749**
Status : **Answered**
Chosen Option : **4**

Q.21 If the cost price of 18 articles is equal to the selling price of 15 articles, then what is the profit percentage?

Ans
✗ 1. 18%

✗ 2. 25%

✗ 3. 30%

✔ 4. 20%

Question ID : **65497838146**
Status : **Answered**
Chosen Option : **4**

Q.22 A man sold his scooter for ₹16,200 and lost one-tenth of its selling price. What is its cost price (in ₹)?

Ans
✗ 1. 18,480

✗ 2. 19,580

✗ 3. 20,320

✔ 4. 17,820

Question ID : **65497838962**
Status : **Answered**
Chosen Option : **4**

Q.23 A takes four times as much as B and thrice as much as C to finish a piece of work. If they work together, they finish the work in 24 days. Which of the following is true?

Ans
✗ 1. C is most efficient; takes 64 days

✗ 2. B and C are most efficient; take 36 days

✔ 3. B is most efficient; takes 48 days

✗ 4. A is most efficient; takes 40 days

Question ID : **65497839276**
Status : **Answered**
Chosen Option : **1**

Q.24 A trader bought 40 kg of rice for ₹2,100. He sold it at a profit equal to the selling price of 5 kg of it. What is the selling price (in ₹) of 8.5 kg of rice?

Ans
✗ 1. 527

✗ 2. 476

✗ 3. 493

✔ 4. 510

Question ID : **65497838760**
Status : **Not Answered**
Chosen Option : **--**

Q.25 In a test match, a batsman scored 30% of his total runs by hitting sixes, 25% of his total runs by hitting boundaries (each boundary = 4 runs), and rest by hitting singles and doubles. If he scored 20 runs by hitting boundaries, what percentage of the runs by hitting sixes were the runs by hitting boundaries?

Ans
✗ 1. 72%

✗ 2. $80\frac{2}{3}\%$

✗ 3. 60%

✔ 4. $83\frac{1}{3}\%$

Question ID : **65497839368**
Status : **Not Answered**
Chosen Option : **--**

Section : **General awareness**

Q.1 In economics, a _____ is an interaction where the gain to one party equals the loss to another party.

Ans
✔ 1. zero-sum game

✗ 2. public goods game

✗ 3. sunk cost game

✗ 4. marginal cost game

Question ID : **65497839287**
Status : **Answered**
Chosen Option : **2**

Q.2 Who among the following was a famous mathematician, and had also held the position of the Chief Justice of the Calcutta high court?

Ans
✗ 1. Dattatreya Kaprekar

✔ 2. Asutosh Mukherjee

✗ 3. Meghnad Saha

✗ 4. Prasanta Chandra Mahalanobis

Question ID : **65497839298**
Status : **Answered**
Chosen Option : **2**

Q.3 Articles _____ of the Constitution of India define who would be Scheduled Castes and Schedule Tribes with respect to any State or Union Territory.

Ans
✗ 1. 241 and 242

✗ 2. 179 and 180

✔ 3. 341 and 342

✗ 4. 97 and 98

Question ID : **65497838484**
Status : **Answered**
Chosen Option : **2**

Q.4 Which of the following causes slow erosion of soil ?

Ans ✗ 1. Tornadoes

✗ 2. Floods

✗ 3. Earthquakes

✓ 4. Geological weathering

Question ID : **65497839292**
Status : **Answered**
Chosen Option : **4**

Q.5 In which of the following years was the Charter Act enacted by the British Parliament for the establishment of a Law Commission for consolidation and codification of Indian laws?

Ans ✗ 1. 1898

✗ 2. 1927

✓ 3. 1833

✗ 4. 1933

Question ID : **65497838480**
Status : **Answered**
Chosen Option : **2**

Q.6 Which of the following teams won the European Football Championship 2020 held in 2021?

Ans ✗ 1. France

✗ 2. Denmark

✓ 3. Italy

✗ 4. England

Question ID : **65497838794**
Status : **Answered**
Chosen Option : **3**

Q.7 What is the Koo App which, though launched earlier, has come into prominence in September 2021?

Ans ✗ 1. A mutual fund tracker

✗ 2. A visual media trove

✗ 3. An online creator of useful linkages

✓ 4. A social media platform

Question ID : **65497839306**
Status : **Answered**
Chosen Option : **2**

Q.8 Which of the following is NOT a kharif crop?

Ans ✗ 1. Cotton

✗ 2. Soya bean

✗ 3. Maize

✓ 4. Wheat

Question ID : **65497838475**
Status : **Answered**
Chosen Option : **2**

Q.9 What is the rank of India in the World Press Freedom Index 2021?

Ans ✔ 1. 142

✘ 2. 144

✘ 3. 145

✘ 4. 143

Question ID : **65497838797**
Status : **Answered**
Chosen Option : **2**

Q.10 Who among the following was the first Mughal emperor to enforce Sharia law in India?

Ans ✘ 1. Jahangir

✘ 2. Shah Jahan

✔ 3. Aurangzeb

✘ 4. Akbar

Question ID : **65497838275**
Status : **Answered**
Chosen Option : **2**

Q.11 Who among the following can appoint the Secretary-General of Rajya Sabha?

Ans ✘ 1. Vice-President

✘ 2. Speaker of the Lok Sabha

✘ 3. President

✔ 4. Chairman of the Rajya Sabha

Question ID : **65497838281**
Status : **Answered**
Chosen Option : **3**

Q.12 During the Bengal Famine of 1943 which of the following categories of people did NOT figure among those who were most affected?

Ans ✘ 1. Fishermen

✔ 2. Retailers

✘ 3. Agricultural labourers

✘ 4. Transport workers

Question ID : **65497838775**
Status : **Answered**
Chosen Option : **3**

Q.13 In which of the following events did Pramod Bhagat and Manoj Sarkar represent India at the Paralympic Games held in Tokyo in 2021?

Ans ✔ 1. Badminton

✘ 2. High jump

✘ 3. Table tennis

✘ 4. Football 5-a-side

Question ID : **65497838894**
Status : **Answered**
Chosen Option : **2**

Q.14 In which of the following categories of boxing did Lovlina Borgohain win a bronze medal at the Olympic Games held in Tokyo in 2021?

Ans ✗ 1. Featherweight

✗ 2. Heavyweight

✗ 3. Middleweight

✓ 4. Welterweight

Question ID : **65497838690**
Status : **Answered**
Chosen Option : **2**

Q.15 Which of the following seas was present in place of the Himalayas before the tectonic shift?

Ans ✓ 1. Tethys Sea

✗ 2. Caribbean Sea

✗ 3. Red Sea

✗ 4. Caspian Sea

Question ID : **65497838273**
Status : **Answered**
Chosen Option : **1**

Q.16 Who among the following is the author of 'When Dimple Met Rishi'?

Ans ✗ 1. Jennifer Kapoor

✗ 2. Rohit Suresh Saraf

✓ 3. Sandhya Menon

✗ 4. Shashi Kapoor

Question ID : **65497838789**
Status : **Answered**
Chosen Option : **2**

Q.17 Which of the following states is the only state in India that has uniform civil code regardless of religion, gender and caste?

Ans ✗ 1. Himachal Pradesh

✓ 2. Goa

✗ 3. Assam

✗ 4. Kerala

Question ID : **65497838285**
Status : **Answered**
Chosen Option : **2**

Q.18 Impulse is defined as the change in:

Ans ✗ 1. kinetic energy

✓ 2. linear momentum

✗ 3. linear velocity

✗ 4. Acceleration

Question ID : **65497838780**
Status : **Not Answered**
Chosen Option : **--**

Q.19 In the context of administration under Akbar, which of the following terms denoted land that had been left out of cultivation for a time so that it may recover its strength?

Ans ✗ 1. Chachar

✗ 2. Banjar

✗ 3. Polaj

✓ 4. Parauti

Question ID : **65497839297**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Which of the following rivers would you associate primarily with the Harappan civilisation?

Ans ✗ 1. Sutlej

✗ 2. Beas

✓ 3. Indus

✗ 4. Chenab

Question ID : **65497838784**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Yeast is a microbe that uses simple carbohydrates to produce _____ in a chemical reaction.

Ans ✗ 1. carbon monoxide

✓ 2. carbon dioxide

✗ 3. sulphuric acid

✗ 4. nitric oxide

Question ID : **65497838269**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which of the following is NOT an indirect tax?

Ans ✗ 1. Union Excise Duty

✗ 2. Service Tax

✓ 3. Corporation Tax

✗ 4. Customs Duty

Question ID : **65497838470**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Human red blood cells are formed mainly in the _____.

Ans ✗ 1. brain

✗ 2. kidneys

✓ 3. bone marrow

✗ 4. heart

Question ID : **65497838472**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Where is the Kailasa Temple, a single stone monument located?

Ans   ✗ 1. Madhya Pradesh

✓ 2. Maharashtra

✗ 3. Andhra Pradesh

✗ 4. Rajasthan

Question ID : **65497838263**
Status : **Not Answered**
Chosen Option : **--**

Q.25 In which of the following festivals of Tamil Nadu is the bull-taming sport played?

Ans   ✗ 1. Onam

✗ 2. Kartighai

✗ 3. Thrissur Pooram

✓ 4. Pongal

Question ID : **65497838468**
Status : **Not Answered**
Chosen Option : **--**