Examination for Selection Posts Phase VIII 2020 14th Dec 2020

Roll Number	
Candidate	
Name	
Venue Name	
Exam Date	14/12/2020
Exam Time	10:00 AM - 11:00 AM
Subject	Examination for Selection Posts Phase VIII 2020
	Matriculation level

Section: General Intelligence

Q.1 किसी निश्चित कूट भाषा में, SKILLS को HPROOH लिखा जाता है, तो उसी भाषा में, PLACES को किस प्रकार

Ans

X 1 KOBXVG

X 2. KPZXUH

√ 3. KOZXVH

X 4. LOZXVI

Question ID: 6549784465 Status: Answered

Chosen Option: 3

Q.2 जिस प्रकार 'स्थलाकृति', 'पठार' से संबंधित है, ठीक उसी प्रकार 'जलस्रोत', '______' से संबंधित है।

Ans X 1. पर्वत

√ 2. नदी

X 3. पेय

🗶 ४. पृथ्वी

Ouestion ID: 6549784461

Status: Answered

Chosen Option: 2

Q.3 उस अक्षर-समूह का चयन करें, जिसे अक्षर शृंखला में रिक्त स्थानों पर क्रमिक रूप से भरे जाने पर अक्षर शृंखला पूरी हो जाएगी।

P_PLQX_L_XP_

Ans X1. RPRM

X2 XPSM

X3. XPLD

✓ 4. XPRL

Question ID: 6549784471

Status: Answered

Q.4 किसी निश्चित कूट भाषा में, यदि INDICATOR को JOEJBCVQT लिखा जाता है, तो उसी भाषा में, EMOTIONAL को किस प्रकार लिखा जाएगा?

Ans X 1. FNAUJQPCN

X 2 GNPUHTRCM

X 3. FNPDKQPCN

√ 4. FNPUHQPCN

Question ID: 6549784466 Status: Answered

Chosen Option: 4

Q.5 यदि 'A', 'जोड़', को निरुपित करता है, 'B' 'गुणन' को 'C' 'घटाना' को और 'D' 'भाग' को निरुपित करता है, तो निम्न टयंजक का मान जात करें।

27 A (15 C 3) B 4 A 16 D 4 = ?

Ans

X 1. 73

2. 79

X 3. 77

X 4. 86

Question ID : 6549784479 Status : Answered

Chosen Option : ${f 2}$

Q.6 तीन कथन और उनके बाद तीन निष्कर्ष I, II और III दिए गए हैं। यह मानते हुए कि कथन सत्य हैं, अले ही ये सामान्य रूप से ज्ञात तथ्यों से असंगत प्रतीत होते हों, निर्धारित करें कि दिए गए निष्कर्षों में से कौन-सा/से, कथनों का तार्किक रूप से अनुसरण करता है/ करते हैं।

कथन:

सभी रेफ्रिजरेटर, टेलीविजन सेट हैं। कुछ स्पीकर, टेलीविजन सेट हैं। सभी स्पीकर, पंखे हैं।

निष्कर्षः

क्छ पंखे, टेलीविजन सेट हैं।

II. कुछ टेलीविजन सेट, रेफ्रिजरेटर हैं।

III. कोई भी पंखा, स्पीकर नहीं है।

Ans

🔀 1. सभी निष्कर्ष अनुसरण करते हैं।

🔀 2. केवल निष्कर्ष । और ॥ अनुसरण करते हैं।

🔀 3. केवल निष्कर्ष ॥ और ॥ अनुसरण करते हैं।

√ 4 केवल निष्कर्ष । और ॥ अनुसरण करते हैं।

Question ID : **6549784476** Status : **Answered**

Q.7 अपिंता की ओर इशारा करते हुए, गर्विता ने कहा, "वह मेरे भाई की पत्नी की सास की बेटी है।" अपिंता का गर्विता से क्या संबंध है?

Ans

🗸 1. बहन

X 2. बेटी

X 3. मामी

× 4. нї

Question ID: 6549784473 Status: Answered

Chosen Option: 1

Q.8 किसी निश्चित कूट भाषा में, यदि SECRETE को 1922318222022 और SOUND को 19126144 लिखा जाता है, तो उसी भाषा में NOISE को किस प्रकार लिखा जाएगा?

Ans

1. 1412181922

X 2 1312181920

X 3. 1415182922

X 4. 141517195

Question ID: 6549784470

Status : **Answered**

Chosen Option: 1

Q.9 दर्पण को दिए गए अक्षर-समूह के दाईं ओर रखने पर, दर्पण में निर्मित सही प्रतिबिंब का चयन करें।

QTfGbmay

Ans

Q T t C b m a λ

♂TfGPway∞×

x
₃ Q T f G b m a y

QTfGbmay.

Question ID: 6549784481

Status: Answered

Q.10 किसी निश्चित कूट भाषा में, यदि HOSTEL को 19-15-8-12-5-20 लिखा जाता है, तो उसी भाषा में NATURE को किस प्रकार लिखा जाएगा?

Ans

X 1 14-1-20-22-19-5

√ 2. 20-1-14-5-18-21

X 3. 20-1-13-4-17-5

X 4. 19-1-14-20-1-7-5

Question ID: 6549784469 Status: Answered

Chosen Option: 1

Q.11 किसी निश्चित कूट भाषा में, PREVENT को OSDWDOS लिखा जाता है, तो उसी भाषा में, WITHOUT को किस प्रकार लिखा जाएगा?

Ans

X 1. XJSINVS

X 2. VJRINPT

X 4. VJQINZS

Question ID: 6549784463 Status: Answered

Chosen Option: 3

Q.12 उस अक्षर-समूह का चयन करें, जो तीसरे अक्षर-समूह से ठीक उसी प्रकार संबंधित है, जिस प्रकार दूसरा अक्षर-समूह, पहले अक्षर-समूह से संबंधित है।

UMS: YQW:: HRT:?

Ans

√ 1. LVX

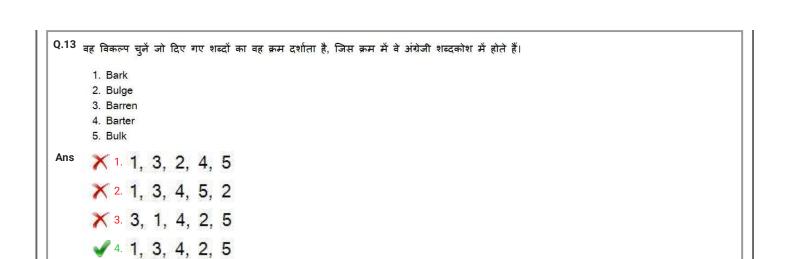
X 2. OVX

X 3. LWX

X 4. KVY

Question ID: 6549784457 Status: Answered

Olatus . Alisw



Question ID: 6549784459 Status: Answered Chosen Option: 4

Q.14 उस विकल्प का चयन करें, जो तीसरी संख्या से ठीक उसी प्रकार संबंधित है, जिस प्रकार दूसरी संख्या, पहली संख्या से संबंधित है।

8:514::11:?

Ans X 1. 1331

X 2. 113

X 3. 123

4. 1333

Ouestion ID: 6549784478 Status: Answered

Chosen Option: 4

Q.15 उस अक्षर-समूह का चयन करें, जिसे अक्षर श्रृंखला में रिक्त स्थानों पर क्रमिक रूप से भरे जाने पर अक्षर शृंखला पूरी हो जाएगी।

U_M_OTUH_C_T_HM_OT

XITCCOUC

X2HTMOTC

X3. H C O O U K

√ 4. H C M O U C

Question ID: 6549784472 Status: Answered

Q.16 दो कथन और उनके बाद दो निष्कर्ष । और ॥ दिए गए हैं। यह मानते हुए कि कथन सत्य हैं, भले ही ये सामान्य रूप से जात तथ्यों से असंगत प्रतीत होते हों, निर्धारित करें कि दिए गए निष्कर्षों में से कौन-सा/से, कथनों का तार्किक रूप से अनुसरण करता है/ करते हैं।

कथन:

कुछ चम्मच, प्लेट हैं। कुछ प्लेट, कटोरे हैं।

निष्कर्ष:

कुछ कटोरे, चम्मच हैं।
 कुछ कटोरे, प्लेट हैं।

Ans

- √ 1. केवल निष्कर्ष II अनुसरण करता है।
- 🔀 2 या तो निष्कर्ष । या फिर ॥ अनुसरण करता है।
- 🔀 3. निष्कर्ष । और II दोनों अनुसरण करते हैं।
- 🔀 4. केवल निष्कर्ष । अनुसरण करता है।

Question ID: 6549784475 Status: Answered

Chosen Option: 1

Q.17 किसी निश्चित कूट भाषा में, FLOWERS को OLFSREW लिखा जाता है, तो उसी भाषा में, INCLUDE को किस प्रकार लिखा जाएगा?

Ans

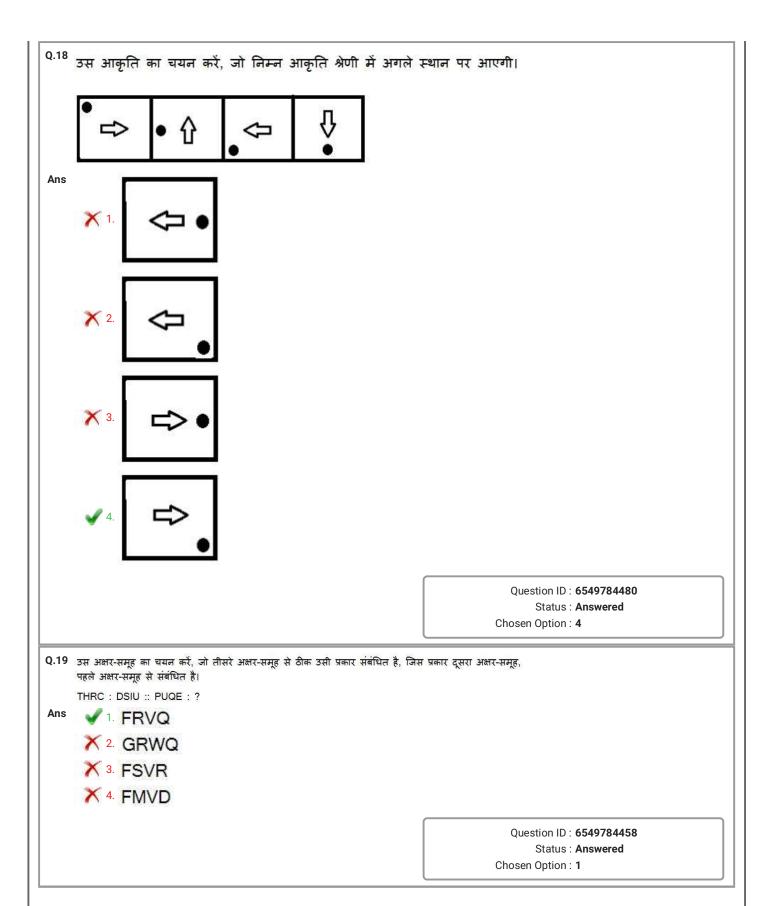
√ 1. CNIEDUL

X 2. CNHDEUL

X 3. CINEDUL

X 4. CNIFDLD

Question ID : **6549784464** Status : **Answered**



Q.20 जिस प्रकार 'निकट दर्शिता', 'ऑख' से संबंधित है, ठीक उसी प्रकार 'मुँहासा', '_____' से संबंधित है।

X 2. दवा

🗙 ३. सुंदरता

X 4. मांसपेशी

Question ID: 6549784462 Status: Answered

Chosen Option: 4

^{Q.21} 'A + B' का अर्थ है कि 'A, B की माँ है'।

'A > B' का अर्थ है कि 'A, B' की बहन है'।

'A = B' का अर्थ है कि 'A, B' का भाई है'।

यदि C = K = M > T + Q है, तो C का Q से क्या संबंध है?

X 2. चाचा

X 3. पिता

🗸 ४. मामा

Question ID: 6549784474

Status: Answered

Chosen Option: 4

Q.22 निम्न दी गई श्रृंखला में, प्रश्नवाचक चिह्न (?) की जगह पर कौन-सी संख्या आएगी।

3, 2, 3, 8, 31, ?

X 2. 166

X 3. 150

√ 4. 154

Question ID: 6549784477

Status: Answered

Q.23	उस	सही	विकल्प	का	चयन	करं,	जो	निम्न	शब्दों	का	तार्किक	क्रम	विन्यास	दर्शाता	है।
	1 6	वेश्व													

- 2. एशिया
- 3. दिल्ली
- 4. भारत
- 5. लाल किला

Ans

- X 1. 5, 3, 4, 1, 2
- X 2 3, 5, 4, 2, 1
- X 3. 5, 3, 2, 4, 1
- √ 4. 5, 3, 4, 2, 1

Question ID: 6549784460 Status: Answered

Chosen Option: 1

Q.24 किसी निश्चित कूट भाषा में, यदि FACT को 34 और ABOUT को 64 लिखा जाता है, तो उसी भाषा में TROUBLE को किस प्रकार लिखा जाएगा?

Ans

- √ 1. 100
- X 2. 114
- X 3. 107
- X 4. 93

Question ID: 6549784468

Status: Answered

Chosen Option: 1

Q.25 किसी निश्चित कूट भाषा में, यदि BOX को 725 और GLAND को 16493 लिखा जाता है, तो उसी भाषा में BOND को किस प्रकार लिखा जाएगा?

Ans

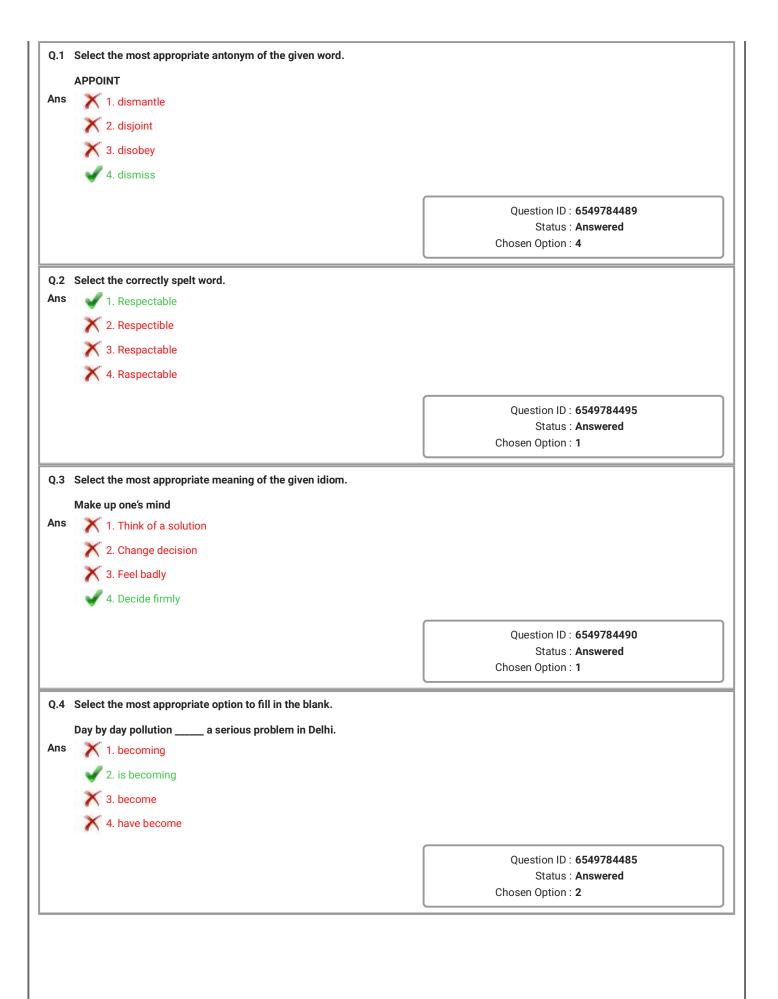
- × 1. 7553
- √ 2. 7293
- X 3. 7276
- X 4. 9293

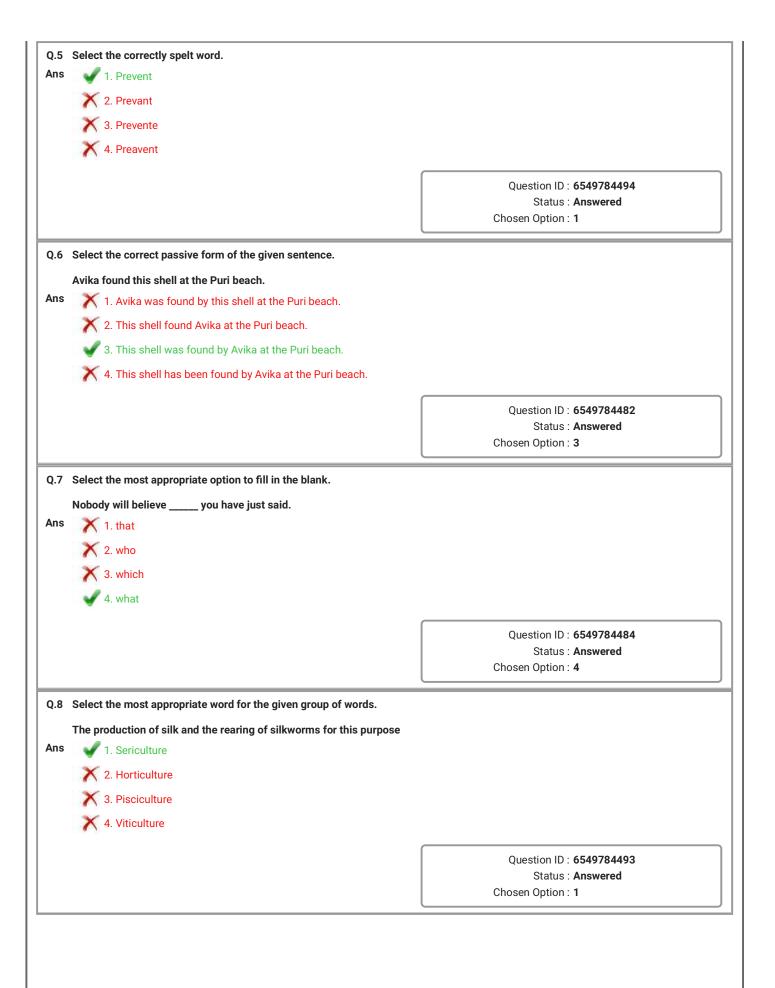
Ouestion ID: 6549784467

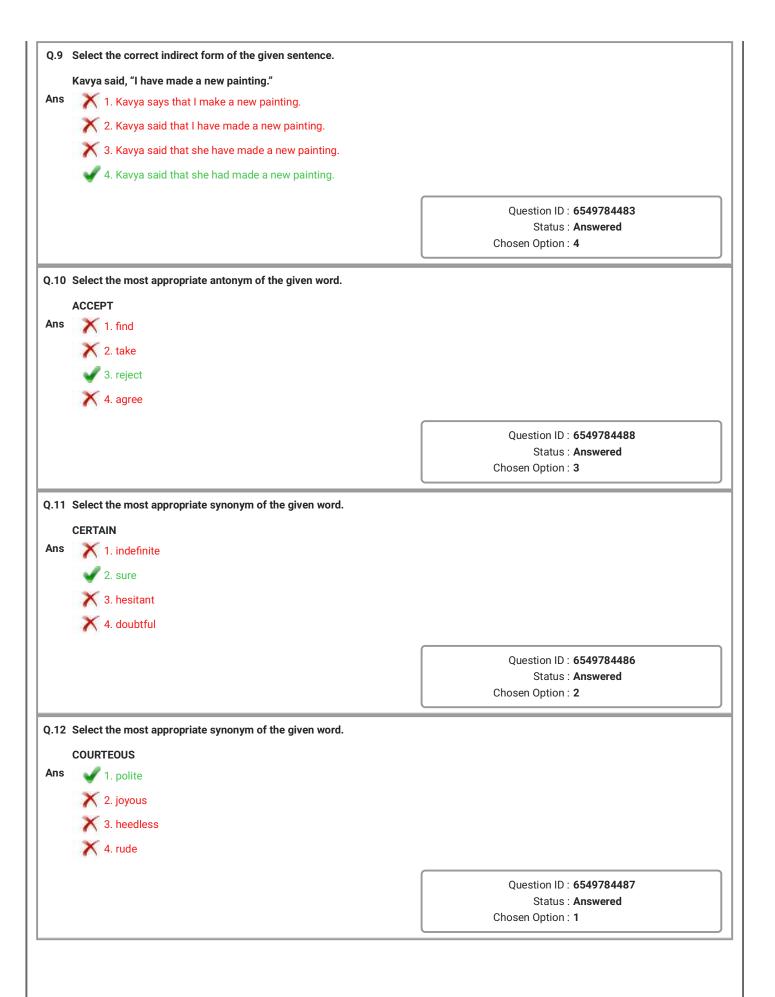
Status : Not Attempted and Marked For Review

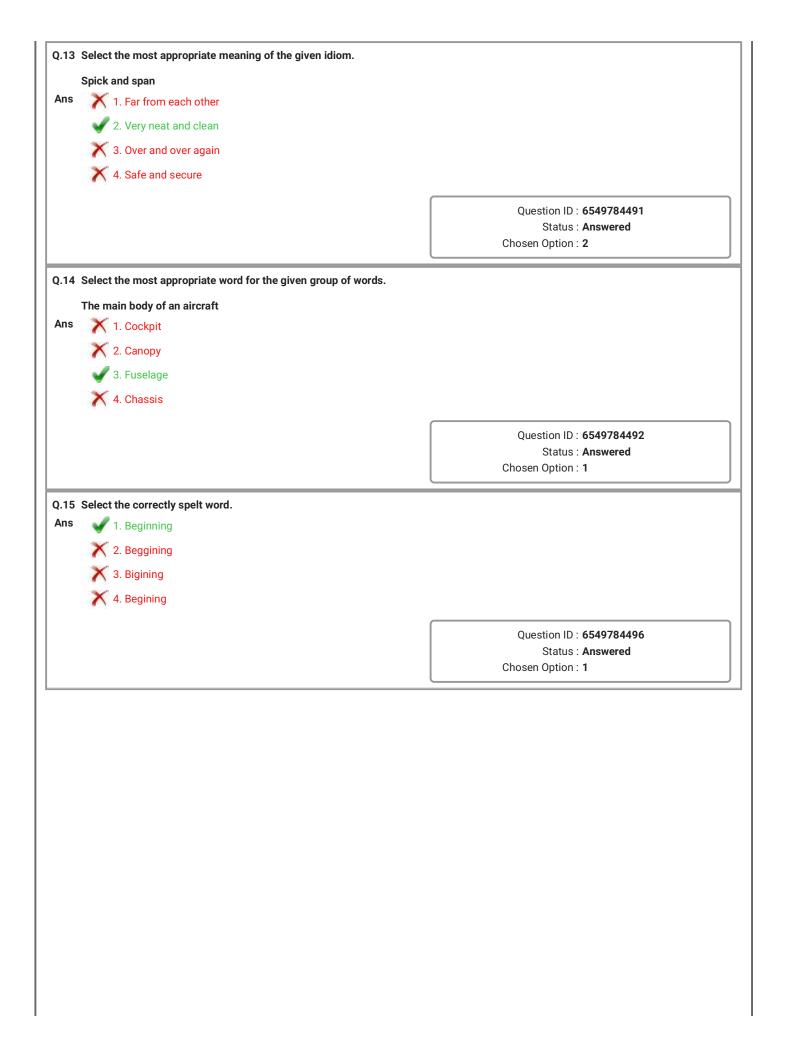
Chosen Option: --

Section: English Language









In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

A herd of over 100 goats has taken advantage of the coronavirus lockdown, and it (1)_____ a deserted town center in Wales. Usually, the wild herd of Kashmiri goats only (2)_____ into Llandudno, a town in north Wales, during bad weather. Local (3)_____ say that this time, the opportunistic goats were drawn by (4)_____ streets. The animals have spent the past three days (5)_____ on garden hedges and flowers. Concerned residents contacted local police to gather up the goats.

SubQuestion No: 16

Q.16 Select the most appropriate option to fill in the blank No. 1.

Ans

1. invaded

X 2. meddled

X 3. crashed

X 4. attacked

Question ID: 6549784498 Status: Answered

Chosen Option: 2

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

A herd of over 100 goats has taken advantage of the coronavirus lockdown, and it (1)_____ a deserted town center in Wales. Usually, the wild herd of Kashmiri goats only (2)____ into Llandudno, a town in north Wales, during bad weather. Local (3)____ say that this time, the opportunistic goats were drawn by (4)____ streets. The animals have spent the past three days (5)____ on garden hedges and flowers. Concerned residents contacted local police to gather up the goats.

SubQuestion No: 17

Q.17 Select the most appropriate option to fill in the blank No. 2.

Ans

X 1. surrender

2. venture

X 3. attempt

X 4. hide

Question ID : 6549784499 Status : Answered

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

A herd of over 100 goats has taken advantage of the coronavirus lockdown, and it (1)___ deserted town center in Wales. Usually, the wild herd of Kashmiri goats only (2)___ Llandudno, a town in north Wales, during bad weather. Local (3)_____ say that this time, the opportunistic goats were drawn by (4)_____ streets. The animals have spent the past three days (5)_ ___ on garden hedges and flowers. Concerned residents contacted local police to gather up the goats.

SubQuestion No: 18

Q.18 Select the most appropriate option to fill in the blank No. 3.

Ans

X 1. animals

2. foreigners



3. goats

4. residents

Question ID: 6549784500 Status: Answered

Chosen Option: 4

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

A herd of over 100 goats has taken advantage of the coronavirus lockdown, and it (1)_ deserted town center in Wales. Usually, the wild herd of Kashmiri goats only (2)_____ into Llandudno, a town in north Wales, during bad weather. Local (3)_____ say that this time, the opportunistic goats were drawn by (4)_____ streets. The animals have spent the past three days (5)_____ on garden hedges and flowers. Concerned residents contacted local police to gather up the goats.

SubQuestion No: 19

Q.19 Select the most appropriate option to fill in the blank No. 4.







Question ID: 6549784501 Status: Answered

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

A herd of over 100 goats has taken advantage of the coronavirus lockdown, and it (1)_____ a deserted town center in Wales. Usually, the wild herd of Kashmiri goats only (2)_____ into Llandudno, a town in north Wales, during bad weather. Local (3)_____ say that this time, the opportunistic goats were drawn by (4)_____ streets. The animals have spent the past three days (5)_____ on garden hedges and flowers. Concerned residents contacted local police to gather up the goats.

SubQuestion No: 20

Q.20 Select the most appropriate option to fill in the blank No. 5.

Ans

X 1. feasted

.

Y

2. feasting

X

3. feasts

X

4. to feasting

Question ID : **6549784502** Status : **Answered**

Chosen Option: 1

Comprehension:

Read the following passage and answer the questions given after it.

There are three main groups of oils: animal, vegetable and mineral. Great quantities of animal oil come from whales, those enormous creatures of the sea which are the largest remaining animals in the world. To protect the whale from the cold of the Arctic seas, nature has provided it with a thick covering of fat called blubber. When the whale is killed, the blubber is stripped off and boiled down. It produces a great quantity of oil which can be made into food for human consumption. A few other creatures yield oil, but none so much as the whale. The livers of the cod and the halibut, two kinds of fish, yield nourishing oil. Both cod liver oil and halibut liver oil are given to sick children and other invalids who need certain vitamins. Vegetable oil has been known from antiquity. No household can get on without it, for it is used in cooking. Perfumes may be made from the oils of certain flowers. Soaps are made from vegetable and animal oils.

To the ordinary man, one kind of oil may be as important as another. But when the politician or the engineer refers to oil, he almost always means mineral oil, the oil that drives tanks, aeroplanes and warships, motor-cars and diesel locomotives; the oil that is used to lubricate all kinds of machinery. This is the oil that has changed the life of the common man. When it is refined into petrol it is used to drive the internal combustion engine. To it we owe the existence of the motorcar, which has replaced the private carriage drawn by the horse. To it we owe the possibility of flying. It has changed the methods of warfare on land and sea. This kind of oil comes out of the earth. Because it burns well, it is used as fuel and in some ways it is superior to coal in this respect. Many big ships now burn oil instead of coal. Because it burns brightly, it is used for illumination; countless homes are still illuminated with oil-burning lamps. Because it is very slippery, it is used for lubricating the machines.

SubQuestion No: 21

Q.21 Which of the following is NOT a use of vegetable oil?

Ans

🔨 1. Making soaps

2.1

2. Making perfumes

X

3. Cooking food

•

4. Moving a motor car

Question ID : 6549784506 Status : Answered

Read the following passage and answer the questions given after it.

There are three main groups of oils: animal, vegetable and mineral. Great quantities of animal oil come from whales, those enormous creatures of the sea which are the largest remaining animals in the world. To protect the whale from the cold of the Arctic seas, nature has provided it with a thick covering of fat called blubber. When the whale is killed, the blubber is stripped off and boiled down. It produces a great quantity of oil which can be made into food for human consumption. A few other creatures yield oil, but none so much as the whale. The livers of the cod and the halibut, two kinds of fish, yield nourishing oil. Both cod liver oil and halibut liver oil are given to sick children and other invalids who need certain vitamins. Vegetable oil has been known from antiquity. No household can get on without it, for it is used in cooking. Perfumes may be made from the oils of certain flowers. Soaps are made from vegetable and animal oils.

To the ordinary man, one kind of oil may be as important as another. But when the politician or the engineer refers to oil, he almost always means mineral oil, the oil that drives tanks, aeroplanes and warships, motor-cars and diesel locomotives; the oil that is used to lubricate all kinds of machinery. This is the oil that has changed the life of the common man. When it is refined into petrol it is used to drive the internal combustion engine. To it we owe the existence of the motorcar, which has replaced the private carriage drawn by the horse. To it we owe the possibility of flying. It has changed the methods of warfare on land and sea. This kind of oil comes out of the earth. Because it burns well, it is used as fuel and in some ways it is superior to coal in this respect. Many big ships now burn oil instead of coal. Because it burns brightly, it is used for illumination; countless homes are still illuminated with oil-burning lamps. Because it is very slippery, it is used for lubricating the machines.

SubQuestion No: 22

Q.22 For engineers which oil is meaningful?

Ans

\chi 1. Animal oil and vegetable oil

\chi 2. Vegetable oil

3. Mineral oil

X 4. Animal oil

Question ID : **6549784507** Status : **Answered**

Read the following passage and answer the questions given after it.

There are three main groups of oils: animal, vegetable and mineral. Great quantities of animal oil come from whales, those enormous creatures of the sea which are the largest remaining animals in the world. To protect the whale from the cold of the Arctic seas, nature has provided it with a thick covering of fat called blubber. When the whale is killed, the blubber is stripped off and boiled down. It produces a great quantity of oil which can be made into food for human consumption. A few other creatures yield oil, but none so much as the whale. The livers of the cod and the halibut, two kinds of fish, yield nourishing oil. Both cod liver oil and halibut liver oil are given to sick children and other invalids who need certain vitamins. Vegetable oil has been known from antiquity. No household can get on without it, for it is used in cooking. Perfumes may be made from the oils of certain flowers. Soaps are made from vegetable and animal oils.

To the ordinary man, one kind of oil may be as important as another. But when the politician or the engineer refers to oil, he almost always means mineral oil, the oil that drives tanks, aeroplanes and warships, motor-cars and diesel locomotives; the oil that is used to lubricate all kinds of machinery. This is the oil that has changed the life of the common man. When it is refined into petrol it is used to drive the internal combustion engine. To it we owe the existence of the motorcar, which has replaced the private carriage drawn by the horse. To it we owe the possibility of flying. It has changed the methods of warfare on land and sea. This kind of oil comes out of the earth. Because it burns well, it is used as fuel and in some ways it is superior to coal in this respect. Many big ships now burn oil instead of coal. Because it burns brightly, it is used for illumination; countless homes are still illuminated with oil-burning lamps. Because it is very slippery, it is used for lubricating the machines.

SubQuestion No: 23

Q.23 The animal oils full of nourishment come from:

Ans

X 1. whale and cod

2. cod, halibut and whale

X 3. halibut and whale

4. cod and halibut

Question ID : **6549784505** Status : **Answered**

Read the following passage and answer the questions given after it.

There are three main groups of oils: animal, vegetable and mineral. Great quantities of animal oil come from whales, those enormous creatures of the sea which are the largest remaining animals in the world. To protect the whale from the cold of the Arctic seas, nature has provided it with a thick covering of fat called blubber. When the whale is killed, the blubber is stripped off and boiled down. It produces a great quantity of oil which can be made into food for human consumption. A few other creatures yield oil, but none so much as the whale. The livers of the cod and the halibut, two kinds of fish, yield nourishing oil. Both cod liver oil and halibut liver oil are given to sick children and other invalids who need certain vitamins. Vegetable oil has been known from antiquity. No household can get on without it, for it is used in cooking. Perfumes may be made from the oils of certain flowers. Soaps are made from vegetable and animal oils.

To the ordinary man, one kind of oil may be as important as another. But when the politician or the engineer refers to oil, he almost always means mineral oil, the oil that drives tanks, aeroplanes and warships, motor-cars and diesel locomotives; the oil that is used to lubricate all kinds of machinery. This is the oil that has changed the life of the common man. When it is refined into petrol it is used to drive the internal combustion engine. To it we owe the existence of the motorcar, which has replaced the private carriage drawn by the horse. To it we owe the possibility of flying. It has changed the methods of warfare on land and sea. This kind of oil comes out of the earth. Because it burns well, it is used as fuel and in some ways it is superior to coal in this respect. Many big ships now burn oil instead of coal. Because it burns brightly, it is used for illumination; countless homes are still illuminated with oil-burning lamps. Because it is very slippery, it is used for lubricating the machines.

SubQuestion No: 24

Q.24 Many big ships now burn oil instead of coal because it:

Ans

🖊 1. burns well

X 2. is slippery

X 3. comes out of earth

X 4. burns brightly

Question ID: 6549784508

Status : Not Attempted and Marked For Review

Read the following passage and answer the questions given after it.

There are three main groups of oils: animal, vegetable and mineral. Great quantities of animal oil come from whales, those enormous creatures of the sea which are the largest remaining animals in the world. To protect the whale from the cold of the Arctic seas, nature has provided it with a thick covering of fat called blubber. When the whale is killed, the blubber is stripped off and boiled down. It produces a great quantity of oil which can be made into food for human consumption. A few other creatures yield oil, but none so much as the whale. The livers of the cod and the halibut, two kinds of fish, yield nourishing oil. Both cod liver oil and halibut liver oil are given to sick children and other invalids who need certain vitamins. Vegetable oil has been known from antiquity. No household can get on without it, for it is used in cooking. Perfumes may be made from the oils of certain flowers. Soaps are made from vegetable and animal oils.

To the ordinary man, one kind of oil may be as important as another. But when the politician or the engineer refers to oil, he almost always means mineral oil, the oil that drives tanks, aeroplanes and warships, motor-cars and diesel locomotives; the oil that is used to lubricate all kinds of machinery. This is the oil that has changed the life of the common man. When it is refined into petrol it is used to drive the internal combustion engine. To it we owe the existence of the motorcar, which has replaced the private carriage drawn by the horse. To it we owe the possibility of flying. It has changed the methods of warfare on land and sea. This kind of oil comes out of the earth. Because it burns well, it is used as fuel and in some ways it is superior to coal in this respect. Many big ships now burn oil instead of coal. Because it burns brightly, it is used for illumination; countless homes are still illuminated with oil-burning lamps. Because it is very slippery, it is used for lubricating the machines.

SubQuestion No: 25

Q.25 This passage mainly talks about:

Ans

X 1. animal oil

X 2. mineral oil

X 3. vegetable oil

4. oils

Question ID: **6549784504**Status: **Answered**

Chosen Option: 4

Section: Quantitative Aptitude

Q.1 13 संख्याओं का औसत 48.5 है। प्रथम पांच संख्याओं का औसत 56.4 है और अंतिम नौ संख्याओं का औसत 45.6 है। 5वीं संख्या जात करें।

Ans

X 1. 51.9

× 2. 61.7

X 3. 60.7

4. 61.9

Question ID: 6549784511 Status: Answered

Q.2 किसी वस्तु के अंकित मूल्य पर 15%, 10% और 12% के तीन क्रमिक बहे देने के बाद इसे ₹1,683 में बेचा जाता है। वस्तु का अंकित मूल्य ज्ञात करें। Ans

√ 1. ₹2,500 × 2. ₹2,400 × 3. ₹2,640 X 4. ₹2,560 Ouestion ID: 6549784514 Status: Answered Chosen Option: 1 Q.3 रीना ने ₹1,056 में 24 kg चीनी खरीदी। उसने इसे 4 kg के विक्रय मूल्य के बराबर लाभ पर बेचा। चीनी का प्रति kg विक्रय मूल्य ज्ञात करें। Ans × 1. ₹55,40 √ 2. ₹52.80 X 3. ₹54.20 X 4. ₹54.50 Question ID: 6549784520 Status: Answered Chosen Option: 2 Q.4 एक निश्चित राशि साधारण ब्याज की दर पर 6 वर्ष में ₹8,256 और 2 वर्ष में ₹5,952 हो जाती है। वही राशि साधारण ब्याज की उसी दर पर $4\frac{2}{3}$ वर्ष में बढ़कर \overline{x} हो जाती है। x का मान जात करें। Ans X 1. 7,296 × 2. 7,496 **3.** 7,488 × 4. 7,380 Question ID: 6549784524 Not Attempted and Status: **Marked For Review** Chosen Option: --Q.5 एक राशि वार्षिक रूप से चक्रवृद्धि होने वाली एक निश्चित वार्षिक ब्याज दर पर 2 वर्ष में ₹6,050 और 3 वर्ष में ₹6,655 हो जाती है। उसी दर से ₹6,000 की राशि पर $5\frac{3}{4}$ वर्ष का साधारण ब्याज ज्ञात करें। Ans X 1. ₹3,200 × 2. ₹3,150 **√** 3. ₹3,450 × 4. ₹3,300 Question ID: 6549784526

Status: Answered

Q.6	पाइप A और B किसी टंकी को क्रमशः 18 मिनट और 27 मिनट में भर सकते हैं। C, आउटलेट (खाली करने वाला)
	पाइप है। जब पाइप A, B और C एक साथ खोले जाते हैं, तो खाली टंकी पूरी तरह से 54 मिनट में भर जाती है।
	अकेले पाइप C कितने समय में पूरी टंकी को खाली कर सकता है?

^{Ans} 🗙 ^{1.} 13 मिनट

 \times 2. $14\frac{1}{2}$ मिनट

X 3. 14 मिनट

√ 4. 13 $\frac{1}{2}$ मिनट

Question ID: 6549784528 Status: Answered

Chosen Option: 4

Q.7 120 प्रश्नों वाली एक परीक्षा में, एक अभ्यर्थी पहले 90 प्रश्नों में से 60% का सही उत्तर देता है। उसे शेष प्रश्नों में से कितने प्रतिशत प्रश्नों का सही उत्तर देना चाहिए, ताकि परीक्षा में कुल प्रश्नों में से 55% के उत्तर सही हों?

Ans

1. 40

X 2. 42

X 3. 36

X 4. 45

Question ID: 6549784518 Status: Answered

Chosen Option: 1

Q.8 किसी ट्यक्ति ने अपने घर से अपने कार्यालय की पहली आधी दूरी 24 km/h की चाल से, शेष दूरी का आधा भाग 20 km/h की चाल से और बाकी बची दूरी को 15 km/h की चाल से तय किया। उसकी सम्पूर्ण यात्रा में औसत चाल (km/h) ज्ञात करें।

Ans

X 1. 18

 \times 2. $19\frac{2}{3}$

× 3. 18 $\frac{1}{3}$

√ 4. 20

Question ID: 6549784530 Status: Answered

यदि ब्याज प्रति 8 माह पर चक्रवृद्धि होता है, तो ₹13,000 की राशि पर 15% वार्षिक ब्याज की दर से 2 वर्ष का चक्रवृद्धि ब्याज ज्ञात करें। Ans × 1. ₹4,033 × 2. ₹4,404 √ 3. ₹4,303 × 4. ₹4,330

Ouestion ID: 6549784525

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.10 प्रति kg गेहूं के मूल्य में 17.5% की वृद्धि होती है और खरीदे गए गेहूं की मात्रा में 10% की कमी होती है। गेहूं पर खर्च की गई राशि में प्रतिशत परिवर्तन ज्ञात करें।

X 2 कमी, 5.44%

🔀 ३. वृद्धि, 5.44%

🗸 ^{4.} वृद्धि, 5.75%

Question ID: 6549784516

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.11 वस्तु A का क्रय मूल्य, B के क्रय मूल्य से 20% अधिक है। वस्तु A को 20% की हानि पर ₹1,800 में बेचा गया और B को इस प्रकार बेचा गया कि A और B दोनों पर मिलाकर 20% का लाभ हुआ। B का विक्रय मूल्य ज्ञात करें।

Ans

X 1 ₹2,980

× 2. ₹2,940

√ 3. ₹3,150

X 4. ₹3,120

Question ID: 6549784521

Status : Not Attempted and Marked For Review

Q.12 सुरेश को ₹ 17,000 में अपना कंप्यूटर बेचने पर 15% की हानि हुई। यदि वह इसे, ₹20,448 में बेचे, तो उसे होने वाला लाभ/हानि प्रतिशत जात करें।

Ans

√ ¹ लाभ: 2.24%

X 2 हानि: 1.12%

X 3. 제와: 1.12%

🗡 4 हानि: 2.24%

Question ID: 6549784519

Status: Answered

Chosen Option: 1

Q.13 A, किसी कार्य का $\frac{2}{3}$ भाग 12 दिन में पूरा कर सकता है और B उसी कार्य का $\frac{2}{3}$ भाग 30 दिन में पूरा कर सकता है। वे एक साथ मिलकर 10 दिन तक कार्य करते हैं। अकेले C शेष कार्य को 16 दिन में पूरा करता है। B और C एक साथ मिलकर उसी कार्य का 🖞 भाग कितने दिन में पूरा करेंगे?

Ans

√ ¹ 16 दिन

X 2 12 दिन

X 3. 15 दिन

X 4. 20 दिन

Question ID: 6549784527

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.14 A, B से 20% अधिक है, B, C से 10% कम है और C, D से 15% अधिक है। तो निम्न में से कौन-सा विकल्प

Ans

X 1 D, B 社 3.5% कम है

X 2 D, A 社 24.2% कम है

√ 3. A, C से 8% अधिक है

X ⁴ C, B से 11.5% अधिक है

Question ID: 6549784517

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

Q.15 ₹13,725 की धनराशि को A, B, C और D के बीच इस प्रकार विभाजित किया जाता है कि A के भाग का B के भाग से अनुपात 3 : 4, B के भाग का C के भाग से अनुपात 8 : 5 तथा C के भाग का D के भाग से अनुपात 7 : 10 है। C का भाग ज्ञात करें।

Ans

× 1 ₹2,475

× 2. ₹3,150

× 3. ₹3,750

√ 4. ₹2,625

Question ID: 6549784522 Status: Answered

Chosen Option: 4

Q.16 सात क्रमागत विषम संख्याओं (जो आरोही क्रम में हैं) का औसत k है। यदि अगली चार क्रमागत विषम संख्याओं को इनमें सम्मिलित किया जाता है, तो सभी संख्याओं का औसत क्या होगा?

Ans

 \times 1. k + 3

 \times 2. k + 7

 $\sqrt{3}$. k + 4

 \times 4. k+2

Question ID: 6549784513

Status: Answered

Chosen Option: 3

Q.17 किसी कमीज का क्रय मूल्य ₹262.40 है। इसके अंकित मूल्य पर 18% की छूट देने के बाद 14% का लाभ प्राप्त करने के लिए इस पर कितना मूल्य अंकित किया जाना चाहिए?

Ans

√ 1. ₹364.80

× 2. ₹356

× 3. ₹352

X 4. ₹358.40

Question ID: 6549784515

Status: Answered

Chosen Option: 1

 $^{Q.18}$ ट्यंजक $(2x+y)^3-(2x-y)^3$ के प्रसार में, x^2y का गुणांक ज्ञात करें।

Ans X 1. 12

X 2. 16

√ 3. 24

X 4. 18

Question ID: 6549784532

Status: Answered

Q.19 10-अंकों वाली संख्या 90457416xy, 9 से विभाज्य है, और x-y=3 है। (5x+3y) का मान ज्ञात करें।

Ans

- √ 1. 39
- X 2. 48
- X 3. 29
- X 4. 33

Question ID: 6549784509

Status : Answered

Chosen Option: 1

Q.20
$$\left(\frac{1}{2} \text{ of } 1\frac{1}{2}\right) \div \left(3\frac{1}{2}-1\frac{1}{4}\right) \text{ of } 1\frac{1}{2}-1\frac{1}{2}\div 2\frac{1}{4}+1\frac{1}{3}$$
 का मान जात करें।

Ans

- **√** 1. $\frac{8}{9}$
- \times 2. $\frac{2}{3}$
- \times 3. $\frac{4}{3}$
- \times 4. $\frac{2}{9}$

Question ID : 6549784510 Status : Answered

Chosen Option: 1

Q.21 45 विद्यार्थियों वाली एक कक्षा में, लड़कों और लड़कियों की संख्या का अनुपात 4 : 5 है। गणित में लड़कों का औसत प्राप्तांक 78 है। यदि गणित में कक्षा के सभी छात्रों का औसत प्राप्तांक 76 है, तो गणित में लड़कियों का औसत प्राप्तांक जात करें।

Ans

- **√** 1. 74.4
- X 2. 71.8
- X 3. 73.6
- X 4. 72.4

Question ID: 6549784512

Status: Answered

Chosen Option: 3

Q.22 218 m लंबी रेलगाड़ी 60 km/h चाल से चल रही है। 282 m लंबे प्लेटफॉर्म को यह कितने समय में (सेकंड में) पार करेगी?

Ans

- X 1. 36
- X 2. 32
- **3**. 30
- X 4. 40

Question ID : 6549784529

Status: Answered

Q.23 यदि a+b+c=7 और $a^3+b^3+c^3-3abc=175$ है, तो ab+bc+ca का मान ज्ञात करें। Ans X 1. 7 X 2. 9 X 3. 10 **4.** 8 Question ID: 6549784533 Status: Answered Chosen Option: 4 Q.24 A और B की वर्तमान आयु का अनुपात 5 : 6 है। आठ वर्ष पहले, उनकी आयु का अनुपात 4 : 5 था। अब से 8 वर्ष बाद A और B की आयु का अनुपात कितना होगा? Ans X 1. 7 : 8 X 2. 8 : 9 **√** 3. 6 : 7 X 4. 9 : 11 Question ID: 6549784523 Status: Answered Chosen Option: 3 Q.25 किसी त्रिभ्जाकार मैदान की भ्जाएं 56 m, 90 m और 106 m हैं। ₹ 6.80 प्रति m² के मूल्य से मैदान को समतल करने की लागत ज्ञात करें। Ans X 1. ₹14,616 X 2. ₹20,182 **√** 3. ₹17,136 × 4. ₹15,112 Question ID: 6549784531 Status: Answered Chosen Option: 3 Section: General Awareness Q.1 दो तंत्रिका कोशिकाओं के बीच या एक न्यूरॉन और एक ग्रंथि या पेशी कोशिका (effector) के मध्य विद्युत तंत्रिका आवेगों के संचरण का स्थान क्या होता है? Ans \chi 1. अक्षतंतु (Axon) X 2. माइलिन आच्छद (Myelin sheath) X 3. द्रुमिका (Dendrite) 🖋 ४. अन्तर्ग्रथन (Synapse) Question ID: 6549784541 Status: Not Answered Chosen Option: --

