Staff Selection Commission
(Government Of India)

EXAM DATE : 23-March-2018
EXAM NAME : SSC Examination TOTAL
MARKS : 200

EXAM START TIME : 10:00:00 EXAM
DURATION : 01:00 Hrs TOTAL NO OF
QUESTIONS : 100

QID : 1 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

My first **(1)**/ task has **(2)**/ to go for shopping. **(3)**/ No error **(4)**
Options:
1) 1
2) 2
3) 3
4) 4
Correct Answer: 2
Candidate Answer: 3

QID : 2 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

In 2003, Delhi won the first 'Clean Cities International **(1)**/ Partner of the Year' award at its "bold efforts to curb **(2)**/ air pollution and support alternative fuel initiatives". **(3)** /**(4)**
Options:
1) 1
2) 2
3) 3
4) 4
Correct Answer: 2
Candidate Answer: 1

QID : 3 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

_____ is not well with her.
Options:
1) This
2) Always
3) It
4) All
Correct Answer: All
Candidate Answer: It

QID : 4 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

A youth is _____ who is not a child anymore and is yet to enter adulthood.
Options:
1) someone
2) no one
3) anyone
4) every
Correct Answer: someone
Candidate Answer: every

QID : 5 - In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

Banal
Options:
1) Original
2) Commonplace
3) Distinctive
4) Sharp
Correct Answer: Commonplace
Candidate Answer: Original

QID : 6 - In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

Contrite
Options:
1) Determined
2) Specific
3) Devise
4) Regretful
Correct Answer: Regretful

Candidate Answer: Determined

QID : 7 - In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Benison
Options:
1) Amen
2) Approval
3) Blessing
4) Execration
Correct Answer: Execration

Candidate Answer: [NOT ANSWERED]

QID : 8 - In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Drawn
Options:
1) Tense
2) Thin
3) Relaxed
4) Drained
Correct Answer: Relaxed

Candidate Answer: Relaxed

QID : 9 - Rearrange the parts of the sentence in correct order.

All animals have
P : have memory
Q : animals do not
R : sensation but some
Options:
1) QRP
2) PRQ
3) RQP
4) PQR
Correct Answer: RQP

Candidate Answer: RQP

QID : 10 - A sentence has been given in Active/Passive Voice. Out of the four given alternatives, select the one which best expresses the same sentence in Passive/Active Voice.

She opened the lock.
Options:
1) The lock opened by her.
2) The lock was opened by her.
3) The lock is open by her.
4) The lock is to open by her.
Correct Answer: The lock was opened by her.

Candidate Answer: The lock was opened by her.

QID : 11 - A sentence has been given in Direct/Indirect Speech. Out of the four given alternatives, select the one which best expresses the same sentence in Indirect/Direct Speech.

Ram said, "I met her yesterday."
Options:
1) Ram said that he met her yesterday.
2) Ram said he meet her the day before.
3) Ram said that he had met her the day before.
4) Ram met her the day before.
Correct Answer: Ram met her the day before.

Candidate Answer: Ram said that he had met her the day before.

QID : 12 - In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word.
Options:
1) Possetion
2) Possession
3) Poessession
4) Posesion

Correct Answer: Possession

Candidate Answer: Possession

QID : 13 - In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

We must remember that we cannot create a draconian state _____ order to end corruption. The moral transformation of civil society must be _____ and based on persuasive leadership. A _____ definition of a sustainable lifestyle must be voluntarily accepted. Only _____ will the competitive urge to make more and more money end. Money should become meaningful, moral and deeply _____. If true wealth is found in a rich heart, no one will want to touch money even with a barge pole.

draconian state _____ order to end corruption.

Options:
1) into
2) so
3) in
4) for

Correct Answer: in

Candidate Answer: [NOT ANSWERED]

QID : 14 - In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

We must remember that we cannot create a draconian state _____ order to end corruption. The moral transformation of civil society must be _____ and based on persuasive leadership. A _____ definition of a sustainable lifestyle must be voluntarily accepted. Only _____ will the competitive urge to make more and more money end. Money should become meaningful, moral and deeply _____. If true wealth is found in a rich heart, no one will want to touch money even with a barge pole.

society must be _____ and based on

Options:
1) nature
2) natural
3) naturally
4) naturism

Correct Answer: natural

Candidate Answer: [NOT ANSWERED]

QID : 15 - In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

We must remember that we cannot create a draconian state _____ order to end corruption. The moral transformation of civil society must be _____ and based on persuasive leadership. A _____ definition of a sustainable lifestyle must be voluntarily accepted. Only _____ will the competitive urge to make more and more money end. Money should become meaningful, moral and deeply _____. If true wealth is found in a rich heart, no one will want to touch money even with a barge pole.

A _____ definition of a sustainable lifestyle

Options:
1) clearly
2) clarity
3) clarification
4) clear

Correct Answer: clear

Candidate Answer: [NOT ANSWERED]

QID : 16 - In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

We must remember that we cannot create a draconian state _____ order to end corruption. The moral transformation of civil society must be _____ and based on persuasive leadership. A _____ definition of a sustainable lifestyle must be voluntarily accepted. Only _____ will the competitive urge to make more and more money end. Money should become meaningful, moral and deeply _____. If true wealth is found in a rich heart, no one will want to touch money even with a barge pole.

Only _____ will the competitive urge

Options:
1) than
2) thus
3) so
4) then

Correct Answer: then

Candidate Answer: [NOT ANSWERED]

QID : 17 - In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

We must remember that we cannot create a draconian state _____ order to end corruption. The moral transformation of civil society must be _____ and based on persuasive leadership. A _____ definition of a sustainable lifestyle must be voluntarily accepted. Only _____ will the competitive urge to make more and more money end. Money should become meaningful, moral and deeply _____. If true wealth is found in a rich heart, no one will want to touch money even with a barge pole.

moral and deeply _____. If true wealth

Options:
1) satisfy
2) satisfaction
3) to satisfy
4) satisfying

Correct Answer: satisfying

Candidate Answer: [NOT ANSWERED]

QID : 18 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Be out of order

Options:
1) Some goods which are out of stock.
2) Do something against the court's ruling.
3) A device not working properly or at all.
4) Things kept in an organized manner.

Correct Answer: A device not working properly or at all.

Candidate Answer: A device not working properly or at all.

QID : 19 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

A sight for sore eyes

Options:
1) An ugly sight unpleasant to the eyes.
2) When one becomes tired of watching too much TV or reading.
3) A person or thing that one is extremely pleased or relieved to see.
4) A beautiful sight that you can visualise even with closed eyes.

Correct Answer: A person or thing that one is extremely pleased or relieved to see.

Candidate Answer: A person or thing that one is extremely pleased or relieved to see.

QID : 20 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

Rude in a mean-spirited and surly way

Options:
1) Affable
2) Churlish
3) Cordial
4) Genteel

Correct Answer: Churlish

Candidate Answer: Cordial

QID : 21 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

A characteristic of one thing that is suggestive of another

Options:
1) Antithetic
2) Disparate
3) Conjecture
4) Reminiscence

Correct Answer: Reminiscence

Candidate Answer: [NOT ANSWERED]

QID : 22 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

The diesel engines replaced the steam engines and the old first class coaches **(is replaced)** by coupes in a corridor.

Options:
1) was replaced
2) were replaced
3) were replace
4) no improvement

Correct Answer: were replaced

Candidate Answer: no improvement

QID : 23 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

We kept aside our clothes, **(clean)** our hiking boots and made sure we had our thick woollen socks.

Options:
1) cleaned
2) cleans
3) to clean
4) no improvement
Correct Answer: cleaned
Candidate Answer: cleaned

QID : 24 - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

I say a small
A-prayer whenever I ring
B-next assignment
C-the doorbell to my
Options:
1) ABC
2) CBA
3) CAB
4) ACB
Correct Answer: ACB
Candidate Answer: ACB

QID : 25 - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.
Options:
1) floundar
2) flounder
3) flaunder
4) flaundar
Correct Answer: flounder
Candidate Answer: flounder

QID : 26 - In the following question, select the related word pair from the given alternatives.

Army : Soldier : : ? : ?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से संबंधित शब्द युग्म को चुनिए।

सेना : सैनिक : : ? : ?
Options:
1) Troupe : Artist
मण्डली : कलाकार
2) Principal : School
प्रधानाचार्य : विद्यालय
3) Tyre : Car
पहिया : कार
4) Minister : Council
मंत्री : परिषद
Correct Answer: Troupe : Artist
मण्डली : कलाकार
Candidate Answer: Troupe : Artist
मण्डली : कलाकार

QID : 27 - In the following question, select the related number from the given alternatives.

354 : 351 : : 478 : ?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से संबंधित संख्या को चुनिए।

354 : 351 : : 478 : ?
Options:
1) 481
2) 447
3) 475
4) 477
Correct Answer: 475
Candidate Answer: 475

QID : 28 - In the following question, select the related letter/letters from the given alternatives.

PTY : DHM : : SQZ : ?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से संबंधित अक्षर/अक्षरों को चुनिए।

PTY : DHM : : SQZ : ?

Correct Answer: GEN

Candidate Answer: IEO

QID : 29 - In the following question, select the odd word pair from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से विषम शब्द युग्म को चुनिए।

Options:
1) Table Tennis – Indoor
टेबल टेनिस – इनडोर
2) Cricket – Outdoor
क्रिकेट – आउटडोर
3) Football – Outdoor
फुटबॉल – आउटडोर
4) Indoor – Chess
इनडोर – शतरंज

Correct Answer: Indoor – Chess
इनडोर – शतरंज

Candidate Answer: Table Tennis – Indoor
टेबल टेनिस – इनडोर

QID : 30 - In the following question, four number pairs are given. The number on left side of (−) is related to the number on the right side of (−) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

नीचे दिए गए प्रश्न में, चार संख्या युग्म दिए गए हैं। (−) के बायीं ओर दी संख्या (−) के दायीं ओर दी गई संख्या से तर्क/नियम से सम्बंधित है। तीन उसी एक तर्क/नियम के आधार पर समान हैं। दिए गए विकल्पों में से भिन्न को चुनिए।

Options:
1) 33 − 40
2) 31 − 38
3) 21 − 28
4) 23 − 28

Correct Answer: 23 − 28

Candidate Answer: 23 − 28

QID : 31 - In the following question, select the odd letter/letters from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से विषम अक्षर/अक्षरों को चुनिए।

Options:
1) IQY
2) CKT
3) EMU
4) HPX

Correct Answer: CKT

Candidate Answer: CKT

QID : 32 - Arrange the given words in the sequence in which they occur in the dictionary.

1. Infect
2. Inferior
3. Indulge
4. Induce
5. Indirect

निम्नलिखित शब्दों को शब्दकोश में आने वाले क्रम के अनुसार लिखें।

1. Infect
2. Inferior
3. Indulge
4. Induce
5. Indirect

Options:
1) 52143
2) 12453
3) 54312
4) 14532

Correct Answer: 54312

Candidate Answer: 54312

QID : 33 - In the following question, select the missing number from the given series.

23, 28, 34, 41, 49, ?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से लुप्त अंक ज्ञात कीजिए।

23, 28, 34, 41, 49, ?
Options:
1) 57
2) 59
3) 56
4) 58
Correct Answer: 58
Candidate Answer: 58

QID : 34 - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

AFMG, CHOI, EJQK, GLSM, ?

एक अनुक्रम दिया गया है, जिसमें से एक पद लुप्त है। दिए गए विकल्पों में से वह सही विकल्प चुनिए, जो अनुक्रम को पूरा करे।

AFMG, CHOI, EJQK, GLSM, ?
Options:
1) HMVP
2) IOUH
3) MOUP
4) INUO
Correct Answer: INUO
Candidate Answer: INUO

QID : 35 - Rahul is taller than Richa but not shorter than Mita. Mita and Mukesh are of same height. Rahul is shorter than Raju. Amongst the students, who is the second tallest?

राहुल, ऋचा से लम्बा है परंतु मीता से छोटा नहीं है। मीता तथा मुकेश एक समान लम्बाई के हैं। राहुल, राजू से छोटा है। छात्रों में से, दूसरा सबसे लम्बा कौन है?

Options:
1) Mita
मीता
2) Rahul
राहुल
3) Mukesh
मुकेश
4) Cannot be determined
ज्ञात नहीं किया जा सकता
Correct Answer: Cannot be determined
ज्ञात नहीं किया जा सकता
Candidate Answer: Cannot be determined
ज्ञात नहीं किया जा सकता

QID : 36 - From the given alternatives, select the word which **CANNOT** be formed using the letters of the given word.

Benevolent

दिए गए विकल्पों में से वह शब्द चुनिए जो दिए गए शब्द के अक्षरों का प्रयोग करके **नहीं** बनाया जा सकता है।

Benevolent
Options:
1) Been
2) Nevin
3) Lent
4) Ben
Correct Answer: Nevin
Candidate Answer: Nevin

QID : 37 - In a certain code language, **"FLUTE"** is written as **"UOFGV"**. How is **"LAMPS"** written in that code language?

एक विशिष्ट कोड भाषा में, **"FLUTE"** को **"UOFGV"** लिखा जाता है। इस कोड भाषा में **"LAMPS"** को किस प्रकार लिखा जाएगा?

Options:
1) ONKPT
2) OZNPS
3) OSNPZ
4) OZNKH
Correct Answer: OZNKH
Candidate Answer: OZNKH

QID : 38 - In a certain code language, '÷' represents '+', '-' represents 'x', '+' represents '÷' and 'x' represents '-'. Find out the answer to the following question.

6 x 20 ÷ 5 - 20 + 4 = ?

किसी निश्चित कोड भाषा में '÷' , '+' को प्रदर्शित करता है, '-' , 'x' को प्रदर्शित करता है, '+', '÷' को प्रदर्शित करता है और 'x', '-' को प्रदर्शित करता है। निम्नलिखित प्रश्न का उत्तर ज्ञात करें।

6 x 20 ÷ 5 - 20 + 4 = ?
Options:
1) 11
2) 37
3) 14
4) 35
Correct Answer: 11
Candidate Answer: 11

QID : 39 - The following equation is incorrect. Which two signs should be interchanged to correct the equation?

16 - 2 ÷ 40 + 4 x 18 = 40

निम्नलिखित समीकरण गलत है। इस समीकरण को सही करने के लिए किन दो चिन्हों को आपस में अदला-बदली करना चाहिए?

16 - 2 ÷ 40 + 4 x 18 = 40
Options:
1) ÷ and -
÷ और -
2) + and x
+ और x
3) + and ÷
+ और ÷
4) - and +
- और +

Correct Answer: ÷ and -
÷ और -
Candidate Answer: - and +
- और +

QID : 40 - If 1!9 = 20, 9!5 = 28 and 5!5 = 20, then find the value of 7!3 = ?

यदि 1!9 = 20, 9!5 = 28 और 5!5 = 20, तो 7!3 = ? का मान ज्ञात करें।
Options:
1) 20

2) 15

3) 22

4) 24
Correct Answer: 20
Candidate Answer: 20

QID : 41 - Which of the following terms follows the trend of the given list?

PQPQPRRQ, PQPQRRPQ, PQPRRQPQ, PQRRPQPQ, PRRQPQPQ, _____.

निम्नलिखित में से कौन सा पद दी गयी सूची के क्रम के अनुसार है?

PQPQPRRQ, PQPQRRPQ, PQPRRQPQ, PQRRPQPQ, PRRQPQPQ, _____.
Options:
1) PQPQPQRR

2) RRPQPQPQ

3) PQPQPRRQ

4) PQPQRRPQ
Correct Answer: RRPQPQPQ
Candidate Answer: PQPQPQRR

QID : 42 - A cross-country race route starts and goes 2 km East, then there is a turn towards North where the route goes on for 10 km, then there is a turn towards East where the route goes on for 7 km, then there is a right turn from where the route goes on 10 km to reach the end. What is the position of the end with respect to that start?

एक क्रॉस कंट्री रेस रूट शुरू होता है और 2 कि.मी. पूर्व में जाता है, फिर वहाँ उत्तर दिशा में एक मोड़ है जहां वह मार्ग 10 कि.मी. तक आगे जाता है, फिर पूर्व की तरफ एक मोड़ है जहां वह मार्ग आगे 7 कि.मी. तक चला जाता है, फिर एक दाहिना मोड़ है जहां से यह मार्ग अंतस्थल तक पहुंचने के लिए आगे 10 कि.मी. तक चला जाता है। उस शुरुआत के संबंध में अंतस्थल की स्थिति क्या है?

QID : 43 - In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement I: All chains are ropes
Statement II: Some links are chains

Conclusion I: Some ropes are links
Conclusion II: All links are ropes

प्रश्न में दो कथन दिये गये हैं जिसके आगे दो निष्कर्ष I और II निकाले गये हैं। आपको मानना है कि दोनो कथन सत्य है चाहे वह सामान्यत: ज्ञात तथ्यों से भिन्न प्रतीत होते हों। आपको निर्णय करना है की दिए गए निष्कर्षों में से कौन-सा/कौन-से निश्चित रूप से कथन द्वारा सही निकाला जा सकता है/सकते हैं, यदि कोई हो।

कथन I: सभी चेन रस्सियां होती हैं
कथन II: कुछ कड़ियां चेन होती हैं

निष्कर्ष I: कुछ रस्सियां कड़ियां होती हैं
निष्कर्ष II: सभी कड़ियां रस्सियां होती हैं

Options:
1) Only conclusion I follows
केवल निष्कर्ष I सही है
2) Only conclusion II follows
केवल निष्कर्ष II सही है
3) Both conclusions I and II follow
दोनों निष्कर्ष I और II सही है
4) Neither conclusion I nor conclusion II follows
ना तो निष्कर्ष I सही है ना ही निष्कर्ष II

Correct Answer: Only conclusion I follows
केवल निष्कर्ष I सही है

Candidate Answer: Only conclusion I follows
केवल निष्कर्ष I सही है

QID : 44 -

In the following figure, rectangle represents Paramedics, circle represents Athletes, triangle represents Poets and square represents Gymnasts. Which set of letters represents Gymnasts who are both Athletes as well as Poets?

निम्नलिखित आकृति में, आयत पराचिकित्सक को प्रदर्शित करता है, वृत्त एथलीट्स को प्रदर्शित करता है, त्रिभुज कवियों को प्रदर्शित करता है और वर्ग जिम्नास्ट्स को प्रदर्शित करता है। अक्षरों का कौन सा समूह उन जिम्नास्ट्स को प्रदर्शित करता है जो एथलीट्स और कवि दोनों है?
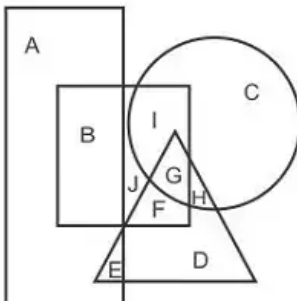
Options:

1) G

2) GH

3) IG

4) IGH

Correct Answer: G

Candidate Answer: G

QID : 45 - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

HAT, MFY, RKD, WPI, ?

एक अनुक्रम दिया गया है, जिसमें से एक पद लुप्त है। दिए गए विकल्पों में से वह सही विकल्प चुनिए, जो अनुक्रम को पूरा करे।

HAT, MFY, RKD, WPI, ?
Options:
1) YRK
2) AWO
3) AVM
4) BUN

Correct Answer: BUN

Candidate Answer: BUN

QID : 46 - In the following question, select the missing number from the given series.

669, 660, 651, 642, 633, ?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से लुप्त अंक ज्ञात कीजिए।

669, 660, 651, 642, 633, ?
Options:
1) 622
2) 620
3) 624
4) 618

Correct Answer: 624

Candidate Answer: 624

QID : 47 - In the following question, four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

नीचे दिए गए प्रश्न में, तीन संख्याओं के चार समूह दिए गए हैं। प्रत्येक समूह में दूसरी तथा तीसरी संख्या पहली संख्या से किसी एक तर्क/नियम से सम्बंधित है। तीन उसी एक तर्क/नियम के आधार पर समान हैं। दिए गए विकल्पों में से भिन्न को चुनिए।
Options:
1) (49, 45, 39)
2) (73, 68, 63)
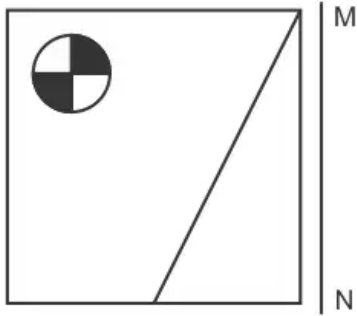**3**) (94, 89, 84)
4) (66, 61, 56)

Correct Answer: (49, 45, 39)

Candidate Answer: (49, 45, 39)

QID : 48 -

If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

यदि एक दर्पण को MN रेखा पर रखा जाए तो दी गयी उत्तर आकृतियों में से कौन-सी आकृति प्रश्न आकृति का सही प्रतिबिम्ब होगी?
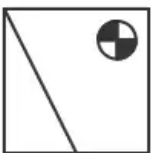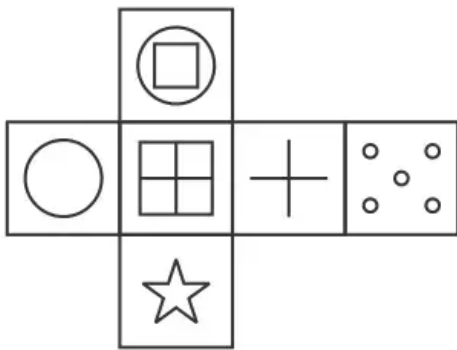

Options:

1)

2)

3)

4)

Correct Answer:

QID : 49 -

Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?

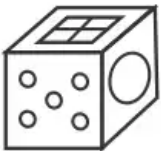निम्नलिखित उत्तर आकृति में से कौन सा घन दिए गए प्रश्न आकृति में से खुले घन से बनाया नहीं जा सकता?
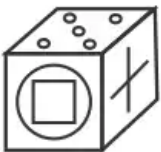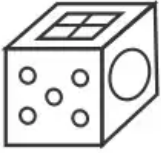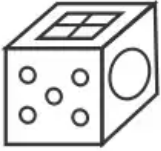

Options:

1)

2)

3)

4)

Correct Answer:

Candidate Answer:

QID : 50 -

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example 'C' can be represented by 30, 43 etc and 'S' can be represented by 86, 97 etc. Similarly, you have to identify the set for the word 'VOLT'.

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसा कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या-समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसा कि दिए गए दो आव्यूहों में है। आव्यूह-I के स्तम्भ और पंक्ति की संख्या 0 से 4 और आव्यूह-II की 5 से 9 है। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदहारण के लिए 'C' को 30, 43 आदि द्वारा दर्शाया जा सकता है तथा 'S' को 86, 97 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द 'VOLT' के लिए समूह को पहचानना है।

Matrix I आव्यूह - I					
	0	1	2	3	4
0	A	F	B	I	M
1	F	C	J	C	B
2	B	G	F	F	F
3	C	L	E	J	B
4	K	A	M	C	E

Matrix II आव्यूह - II					
	5	6	7	8	9
5	V	U	X	Q	X
6	T	V	V	Q	X
7	W	Y	T	X	W
8	Z	S	N	Z	T
9	N	O	S	N	X

Options:
1) 67,96,31,65

2) 20,89,14,59

3) 43,58,31,65

4) 30,57,30,68
Correct Answer: 67,96,31,65
Candidate Answer: 67,96,31,65

QID : 51 - Population of Patna city is 96,000, the decreasing rate of population is 800 per year. Population of Patliputra is 68,000, the increasing rate of population is 1200 per year. In how many years will the population of both places be equal?

पटना शहर की आबादी 96,000 है, आबादी का घटती दर प्रति साल 800 है। पाटलिपुत्र की जनसंख्या 68,000 है, आबादी की बढ़ती दर प्रति वर्ष 1200 है। दोनों जगहों की आबादी कितने साल में बराबर होगी?
Options:
1) 10

2) 14

3) 18

4) 22
Correct Answer: 14
Candidate Answer: [NOT ANSWERED]

QID : 52 - The cost price of 3 exam pads and 2 pencils is Rs. 96, 4 exam pads and 3 pencils cost Rs. 134. Find the total cost (in Rs.) of an exam pad and that of a pencil.

3 परीक्षा पैड और 2 पेंसिल की लागत मूल्य 96 रु. है । 4 परीक्षा पैड और 3 पेंसिल लागत 134 रु. है । एक परीक्षा पैड और एक पेंसिल की कुल लागत (रुपए में) ज्ञात कीजिये|

Options:
1) 36

2) 38

3) 40

4) 42

Correct Answer: 38

Candidate Answer: [NOT ANSWERED]

QID : 53 -

Determine the value of $x^2 + y^2$ when $x^3 - y^3 = 54$, $x - y = 18$ and $xy = 2$.

$x^2 + y^2$ का मान निकालिए, जबकि $x^3 - y^3 = 54$, $x - y = 18$ और $xy = 2$ है|

Options:
1) 0

2) 1

3) 2

4) 3

Correct Answer: 1

Candidate Answer: [NOT ANSWERED]

QID : 54 - A zoo has few numbers of penguins and polar bears. The total number of heads of both of them is 60 and the total number of their feet is 160. How many polar bears are there in the zoo?

चिड़ियाघर में कुछ संख्या में पेंगुइन और ध्रुवीय भालू हैं। उन दोनों के सिर की कुल संख्या 60 है और पैर की कुल संख्या 160 है। चिड़ियाघर में कुल कितने ध्रुवीय भालू हैं?

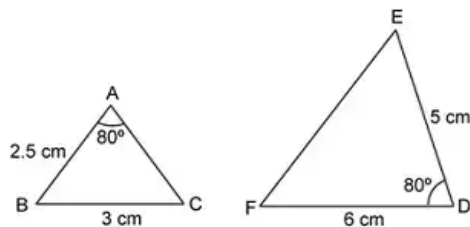**Options:**
1) 20

2) 40

3) 60

4) 80

Correct Answer: 20

Candidate Answer: [NOT ANSWERED]

QID : 55 -
Consider the following figure shown below and choose which of the following equation is CORRECT about the similarity of both triangles?

नीचे दी गई निम्न आकृति पर विचार करें और निम्नलिखित समीकरणों में से कौन सा दोनों त्रिभुज की समानता के बारे में सही है?

Options:
1)
$\triangle ABC \sim \triangle DEF$

2)
$\triangle ACB \sim \triangle DEF$

3)
$\triangle ABC \sim \triangle FDE$

**4)** Both triangles are not similar.
दोनों त्रिभुज समान नहीं हैं

Correct Answer: Both triangles are not similar.
दोनों त्रिभुज समान नहीं हैं

Candidate Answer: [NOT ANSWERED]

QID : 56 -

Consider the following diagram as shown in figure in which AB is the tangent to the circle. Find the length of OQ (in cm) if the measure of largest chord of that circle is 6 cm and PQ is 4 cm.

निम्नलिखित चित्र पर विचार करें, जिसमें नीचे दिखाया गया है जिसमें AB वृत की स्पर्शरेखा है। OQ की लंबाई (सेमी में) ज्ञात करें , यदि उस वृत की सबसे बड़ी जीवा का माप 6 सेमी और PQ 4 सेंटीमीटर है।
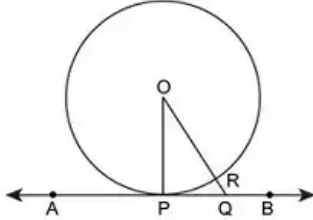
Options:
1) 2

2) 3

3) 4

4) 5

Correct Answer: 5

Candidate Answer: [NOT ANSWERED]

QID : 57 - The income of P is 50% more than Q's income and the income of Q is 50% more than R's income. P's income is how much percentage more than R's income?

P की आय Q की आय से 50% अधिक है तथा Q की आय R की आय से 50% अधिक है। P की आय R की आय से कितने प्रतिशत अधिक है?

Options:
1) 225

2) 150

3) 125

4) 100

Correct Answer: 125

Candidate Answer: [NOT ANSWERED]

QID : 58 - What number should be added to each of 7, 17, 22 and 47 so that the resulting numbers will be in proportion in the given order?

7, 17, 22 तथा 47 प्रत्येक में कौन सी संख्या जोड़ी जानी चाहिए ताकि परिणामी संख्याएँ एक समानुपात में हो?

Options:
1) 1
2) 3
3) 2
4) 4

Correct Answer: 3

Candidate Answer: [NOT ANSWERED]

QID : 59 - In what ratio must a mixture of 15% spirit strength be mixed with that of 25% spirit strength to get a mixture of 21% spirit strength?

15% स्पिरीट मात्रा वाले मिश्रण को 25% स्पिरीट मात्रा वाले मिश्रण के साथ किस अनुपात में मिलाया जाए जिससे कि एक 21% स्पिरीट मात्रा वाला नया मिश्रण मिल जाए?

Options:
1) 1 : 3

2) 2 : 3

3) 3 : 4

4) 4 : 5

Correct Answer: 2 : 3

Candidate Answer: 2 : 3

QID : 60 - The average of three numbers is 58. First number is 3/4 of the third number. If the third number is 24 more than second number, then what will be the difference between the first and second number?

तीन संख्याओं का औसत 58 है। पहली संख्या, तीसरी संख्या का 3/4 है। यदि तीसरी संख्या दूसरी संख्या से 24 अधिक है, तो पहली तथा दूसरी संख्या के मध्य कितना अंतर होगा?

Options:
1) 24
2) 6
3) 16
4) 18
Correct Answer: 6
Candidate Answer: [NOT ANSWERED]

QID : 61 - A sum of Rs 2500 becomes Rs 8100 in 2 years at a certain rate of compound interest. What will be the sum (in Rs) after 4 years?

एक 2500 रु की राशि चक्रवृद्धि ब्याज की एक निश्चित दर से 2 वर्ष में 8100 रु हो जाती है। 4 वर्ष पश्चात राशि (रु में) क्या होगी?

Options:
1) 29824

2) 36284

3) 41624

4) 26244
Correct Answer: 26244
Candidate Answer: [NOT ANSWERED]

QID : 62 - Rahul sells two helmets at the rate of Rs 1232 each. He gains 12% on one and loses 12% on the other. What will be the total loss (in Rs) in the whole transaction?

राहुल दो हेलमेट 1232 रु प्रति की दर से बेचता है। उसे एक पर 12% लाभ तथा दूसरे पर 12% हानि होती है। पूरे सौदे में कुल हानि (रु में) क्या होगी?

Options:
1) 54
2) 36
3) 18
4) 72
Correct Answer: 36
Candidate Answer: [NOT ANSWERED]

QID : 63 - The marked price of a table is 50% more than its cost price. What discount percentage should be offered by the shopkeeper to sell his table at no profit or no loss?

एक मेज का अंकित मूल्य, उसके क्रय मूल्य से 50% अधिक है। दूकानदार द्वारा अपनी मेज को न किसी लाभ या न किसी हानि पर बेचने के लिए, कितने प्रतिशत की छूट दी जानी चाहिए?

Options:
1) 66.66
2) 33.33
3) 40
4) 25
Correct Answer: 33.33
Candidate Answer: [NOT ANSWERED]

QID : 64 - What is the least number that should be added to the product 7 × 8 × 9 × 10 to make it a perfect square?

7 × 8 × 9 × 10 के गुणनफल को एक पूर्ण वर्ग बनाने के लिए सबसे छोटी संख्या क्या जोड़ी जानी चाहिए?

Options:
1) 144
2) 1
3) 289
4) 3
Correct Answer: 1
Candidate Answer: [NOT ANSWERED]

QID : 65 - Working 9 hours a day, Manish can read a book in 16 days. How many hours a day should he work so as to finish the same work in 24 days?

9 घंटे प्रतिदिन कार्य करके मनीष एक पुस्तक को 16 दिन में पढ़ सकता है। यदि वही कार्य 24 दिन में पूरा करना हो, तो उसे प्रतिदिन कितने घंटे कार्य करना चाहिए?

Options:
1) 5
2) 7
3) 8
4) 6
Correct Answer: 6
Candidate Answer: 6

QID : 66 - Two trains are running in opposite direction with the same speed. If the length of each train is 80 metres and they cross each other in 16 seconds, then what is the speed (in km/hr) of each train?

दो रेलगाड़ियाँ समान गति से विपरीत दिशाओं में चल रही हैं। यदि प्रत्येक रेलगाड़ी की लम्बाई 80 मीटर है तथा वे एक दूसरे को 16 सेकण्ड में पार करती हैं, तो प्रत्येक रेलगाड़ी की गति (कि.मी./घंटा में) क्या है?

Options:
1) 12
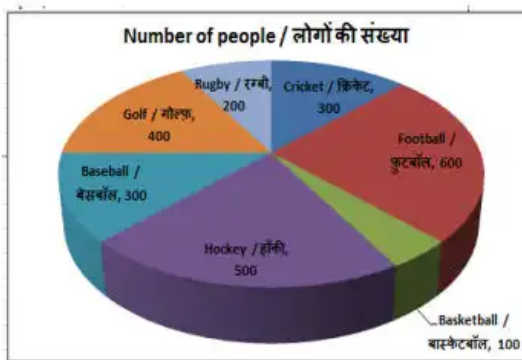
2) 18

3) 24

4) 30
Correct Answer: 18
Candidate Answer: [NOT ANSWERED]

QID : 67 -

The pie chart shows the results of an online survey which asked people about their favourite game. Study the diagram and answer the following questions.

यह पाइ चार्ट एक ऑनलाइन सर्वेक्षण के परिणाम दर्शाता है जिसमें लोगों को उनके पसंदीदा खेल के बारे में पूछा गया था। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।

Which game is the favourite of most people surveyed?

किए गए सर्वेक्षण में सबसे ज्यादा लोगों का पसंदीदा कौन सा खेल है?

Options:
1) Basketball
बास्केटबॉल
2) Football
फुटबॉल
3) Hockey
हॉकी
4) Baseball
बेसबॉल

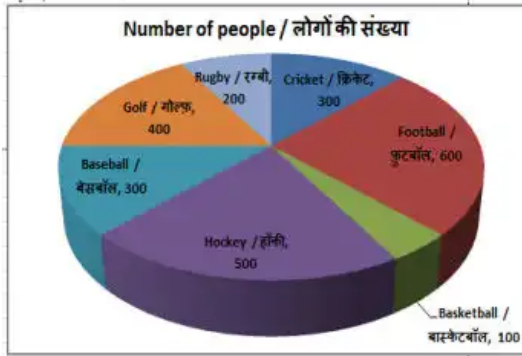**Correct Answer:** Football
फुटबॉल

Candidate Answer: Football
फुटबॉल

QID : 68 -

The pie chart shows the results of an online survey which asked people about their favourite game. Study the diagram and answer the following questions.

यह पाइ चार्ट एक ऑनलाइन सर्वेक्षण के परिणाम दर्शाता है जिसमें लोगों को उनके पसंदीदा खेल के बारे में पूछा गया था। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।

What is the total number of people who have responded to the survey?

सर्वेक्षण में प्रतिक्रिया देने वाले लोगों की कुल संख्या क्या है?

Options:

1) 2100
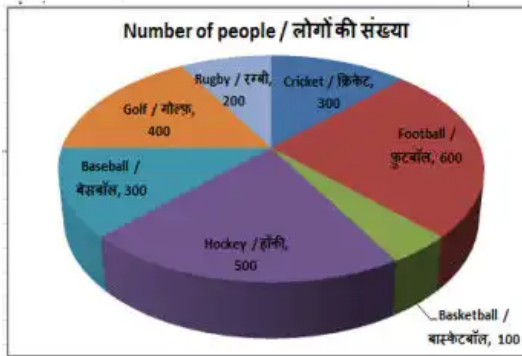
2) 2200

3) 2400

4) 2500

Correct Answer: 2400

Candidate Answer: 2100

QID : 69 -

The pie chart shows the results of an online survey which asked people about their favourite game. Study the diagram and answer the following questions.

यह पाइ चार्ट एक ऑनलाइन सर्वेक्षण के परिणाम दर्शाता है जिसमें लोगों को उनके पसंदीदा खेल के बारे में पूछा गया था। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।

The measure of the central angle of the sector representing Baseball is _____ degrees.

बेसबॉल का प्रतिनिधित्व करने वाले क्षेत्र के केंद्रीय कोण का माप _____ डिग्री है।

Options:
1) 30
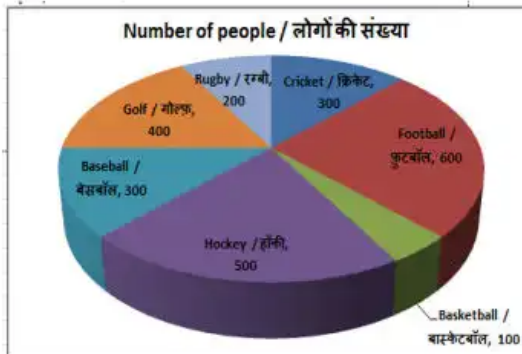
2) 60

3) 75

4) 45

Correct Answer: 45

Candidate Answer: [NOT ANSWERED]

QID : 70 -

The pie chart shows the results of an online survey which asked people about their favourite game. Study the diagram and answer the following questions.

यह पाइ चार्ट एक ऑनलाइन सर्वेक्षण के परिणाम दर्शाता है जिसमें लोगों को उनके पसंदीदा खेल के बारे में पूछा गया था। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।

Respondents who say their favourite game is Cricket and those who say their favourite game is Hockey constitute what percent of the total respondents?

जो लोग कहते हैं कि उनका पसंदीदा खेल क्रिकेट है और जो लोग कहते हैं कि उनका पसंदीदा खेल हॉकी है, वे कुल उत्तरदाताओं का कितना प्रतिशत गठित करते हैं?

Options:
1) 30%
2) 33.33%
3) 25%
4) 40%
Correct Answer: 33.33%
Candidate Answer: 33.33%

QID : 71 - The perimeter and the breadth of a rectangle are 52 cm and 12 cm respectively. Find its area (in cm^2).

एक आयत का परिमाप और चौड़ाई क्रमशः 52 सें.मी. और 12 सें.मी. है। इसका क्षेत्रफल (वर्ग सें.मी. में) ज्ञात करें।

Options:
1) 84
2) 336
3) 168
4) 252
Correct Answer: 168
Candidate Answer: 252

QID : 72 - Find the perimeter (in cm) of a semicircle of radius 7 cm.

7 सें.मी. त्रिज्या वाले एक अर्धवृत्त का परिमाप (सें.मी. में) ज्ञात करें।

Options:
1) 36
2) 72
3) 44
4) 88
Correct Answer: 36
Candidate Answer: 88

QID : 73 - The curved surface area and the height of a right circular cylinder are 660 cm^2 and 10 cm respectively. Find its diameter (in cm).

एक लम्ब वृत्ताकार बेलन के वक्र सतह का क्षेत्रफल और ऊंचाई क्रमशः 660 वर्ग सें.मी. और 10 सें.मी. है। इसका व्यास (सें.मी. में) ज्ञात करें।

Options:
1) 14
2) 10.5
3) 21
4) 17.5
Correct Answer: 21
Candidate Answer: 21

QID : 74 - What is the value of $(\tan 30^o + \sqrt{3}/2)$?

$(\tan 30^o + \sqrt{3}/2)$ का मान क्या है?

Options:
1) $(4+\sqrt{3})/2$

2) $5/2\sqrt{3}$

3) $(4+\sqrt{3})/2\sqrt{3}$

4) $(\sqrt{3}+1)/\sqrt{3}$

Correct Answer: $5/2\sqrt{3}$

Candidate Answer: $5/2\sqrt{3}$

QID : 75 - In ΔXYZ measure of angle Y is 90°. If $\sec X = 17/8$, and $XY = 0.8$cm, then what is the length (in cm) of side XZ?

ΔXYZ में कोण Y का माप 90° है। यदि $\sec X = 17/8$ और $XY = 0.8$ सें.मी. है, तो भुजा XZ की लंबाई (सें.मी. में) क्या है?

Options:
1) 1.7
2) 1.5
3) 2
4) 2.5

Correct Answer: 1.7

Candidate Answer: [NOT ANSWERED]

QID : 76 - Economic growth is usually coupled with _____.

आर्थिक विकास आम तौर पर _____ के साथ युग्मित है।

Options:
1) deflation
अवस्फीति
2) inflation
मुद्रास्फीति
3) Stagflation
मुद्रास्फीतिजनित मंदी
4) hyper inflation
अति मुद्रास्फीति

Correct Answer: inflation
मुद्रास्फीति

Candidate Answer: inflation
मुद्रास्फीति

QID : 77 - The apex body for formulating plans and coordinating research work in agriculture and allied fields is: _____.

कृषि और संबद्ध क्षेत्रों में योजना तैयार करने और समन्वय करने के लिए सर्वोच्च निकाय है: _____

Options:
1) Indian Council of Agricultural Research
भारतीय कृषि अनुसंधान परिषद
2) Regional Rural Banks
क्षेत्रीय ग्रामीण बैंक
3) State Trading Corporation
राज्य व्यापार निगम
4) National Bank of Agriculture and Rural Development (NABARD)
राष्ट्रीय कृषि और ग्रामीण विकास बैंक (नाबार्ड)

Correct Answer: Indian Council of Agricultural Research
भारतीय कृषि अनुसंधान परिषद

Candidate Answer: [NOT ANSWERED]

QID : 78 - After the decline of the Palas, which dynasty established its rule in Bengal?

पाल वंश के पतन के बाद, बंगाल में किस राजवंश ने अपना शासन स्थापित किया?

Options:
1) Sena dynasty
सेन वंश
2) Gaur dynasty
गौड़ वंश
3) Ilyas dynasty
इलियास वंश
4) Ganesh dynasty
गणेश वंश

Correct Answer: Sena dynasty
सेन वंश

Candidate Answer: [NOT ANSWERED]

QID : 79 - Which of the following were **NOT** related to the Congress Socialist Party?

निम्नलिखित में से कौन कांग्रेसी समाजवादी दल से संबंधित **नहीं** थे?

Options:
1) Acharya Narendradev
आचार्य नरेन्द्रदेव
2) Ram Manohar Lohia
राम मनोहर लोहिया
3) Jai Prakash
जयप्रकाश
4) Subhash Chandra Bose
सुभाषचंद्र बोस

Correct Answer: Subhash Chandra Bose
सुभाषचंद्र बोस

Candidate Answer: Jai Prakash
जयप्रकाश

QID : 80 - Which of the following is called 'the safety valve of nature'?

निम्नलिखित में से किसे 'प्रकृति का सुरक्षा वाल्व' कहा जाता है?

Options:
1) Earthquake
भूकंप
2) Ozone gas
ओजोन गैस
3) Volcano
ज्वालामुखी
4) Rivers
नदियाँ

Correct Answer: Volcano
ज्वालामुखी

Candidate Answer: Ozone gas
ओजोन गैस

QID : 81 - Which regional division the Himalayas is situated between the Kali and Tista rivers?

काली एवं तीस्ता नदियों के बीच हिमालय का कौन-सा प्रादेशिक विभाग स्थित है?

Options:
1) Punjab Himalaya
पंजाब हिमालय
2) Nepal Himalaya
नेपाल हिमालय
3) Assam Himalaya
असम हिमालय
4) Kumaon Himalaya
कुमायूं हिमालय

Correct Answer: Nepal Himalaya
नेपाल हिमालय

Candidate Answer: Punjab Himalaya
पंजाब हिमालय

QID : 82 - The folk dance "Bohag Bihu" is popular in _____.

लोकनृत्य "बोहाग बिहू" _____ में प्रचलित है।

Options:
1) Assam
असम
2) Bihar
बिहार
3) Odisha
ओडिशा
4) Jharkhand
झारखण्ड

Correct Answer: Assam
असम

Candidate Answer: Assam
असम

QID : 83 - With which country China has signed a free trade agreement on December 8, 2017.

किस देश के साथ चीन ने 8 दिसंबर, 2017 को एक मुक्त व्यापार समझौते पर हस्ताक्षर किया है?

Options:
1) Pakistan
पाकिस्तान
2) Nepal
नेपाल
3) Afghanistan
अफगानिस्तान
4) Maldives
मालदीव

Correct Answer: Maldives
मालदीव

Candidate Answer: Nepal
नेपाल

QID : 84 - Who authored the book Titled 'The Story of a Brief Marriage', which won the DSC Prize 2017 for South Asian Literature?

दक्षिण एशियाई साहित्य का डीएससी पुरस्कार 2017 जीतने वाली पुस्तक 'द स्टोरी ऑफ़ ए ब्रीफ मैरेज' किसने लिखा है?

Options:
1) Anuk Arudpragasam
अनुक अरुद्प्रागासम
2) Justin Mallik
जस्टिन मल्लिक
3) Premdass Nayyar
प्रेमदास नैय्यर
4) Aziz Sharif
अजीज शरीफ

Correct Answer: Anuk Arudpragasam
अनुक अरुद्प्रागासम

Candidate Answer: [NOT ANSWERED]

QID : 85 - The present Nepal Prime Minister K.P. Sharma Oli is belong to which political party?

नेपाल के वर्तमान प्रधानमंत्री के.पी. शर्मा ओली किस राजनीतिक दल से संबंधित हैं?

Options:
1) Rastriya Janata Party Nepal
राष्ट्रीय जनता पार्टी नेपाल
2) Communist Party of Nepal (Unified)
कम्युनिस्ट पार्टी ऑफ़ नेपाल (एकीकृत)
3) Nepali Congress
नेपाली कांग्रेस
4) Rastriya Prajatantra Party
राष्ट्रीय प्रजातंत्र पार्टी

Correct Answer: Communist Party of Nepal (Unified)
कम्युनिस्ट पार्टी ऑफ़ नेपाल (एकीकृत)

Candidate Answer: Communist Party of Nepal (Unified)
कम्युनिस्ट पार्टी ऑफ़ नेपाल (एकीकृत)

QID : 86 - What is the maximum number of electrons that can be present in a shell represented by shell number 'n'?

कक्षा संख्या 'n' से दर्शायी गई कक्षा में उपस्थित अधिकतम इलेक्ट्रॉनों की संख्या क्या हो सकती है?

Options:
1) 2n
2) $2n^2$
3) n
4) n^2

Correct Answer: $2n^2$

Candidate Answer: 2n

QID : 87 - Which of the following is **NOT** an allotrope of carbon?

निम्नलिखित में से कौन सा कार्बन का अपरूप **नहीं** है?

Options:
1) Diamond
हीरा
2) Graphite
ग्रेफाइट
3) C-60
सी-60
4) Methane
मेथेन

Correct Answer: Methane
मेथेन

Candidate Answer: C-60
सी-60

QID : 88 - The definition of Money Bill is given in which article of the Indian Constitution?

भारतीय संविधान में धन विधेयक की परिभाषा किस अनुच्छेद में दी गई है?

Options:
1) Article 56
अनुच्छेद 56
2) Article 110
अनुच्छेद 110
3) Article 252
अनुच्छेद 252
4) Article 256
अनुच्छेद 256

Correct Answer: Article 110
अनुच्छेद 110

Candidate Answer: Article 256
अनुच्छेद 256

QID : 89 - In India, which kind of emergency can be proclaimed on the grounds of war or external aggression or armed rebellion?

भारत में, युद्ध या बाह्य आक्रमण या सशस्त्र विद्रोह के आधार पर किस प्रकार का आपातकाल विद्यमान किया जा सकता है?

Options:
1) National Emergency
राष्ट्रीय आपातकाल
2) State Emergency
राजकीय आपातकाल
3) Financial Emergency
वित्तीय आपातकाल
4) State and Financial Emergency both
राजकीय तथा वित्तीय आपातकाल दोनों

Correct Answer: National Emergency
राष्ट्रीय आपातकाल

Candidate Answer: National Emergency
राष्ट्रीय आपातकाल

QID : 90 - Buildup of which acid in our muscles during sudden activity causes cramps?

अचानक किसी गतिविधि के दौरान किस अम्ल के निर्माण के कारण हमारी पेशियों में ऐंठन होना होता है?

Options:
1) Lactic acid
लैक्टिक अम्ल
2) Pyruvic acid
पायरुविक अम्ल
3) Carbonic acid
कार्बोनिक अम्ल
4) Oxalic acid
ऑक्सैलिक अम्ल

Correct Answer: Lactic acid
लैक्टिक अम्ल

Candidate Answer: [NOT ANSWERED]

QID : 91 - Who presented that all the plants and animals are composed of cells and that the cell is the basic unit of life?

यह किसने प्रस्तुत किया कि सभी पौधें एवं जंतु, कोशिकाओं से बने हैं तथा कोशिका जीवन की मूलभूत इकाई है?

Options:
1) M. Schleiden and T. Schwann
एम. स्लीडन तथा टी. स्वान
2) Virchow
विरशॉ
3) J. E. Purkinje
जे. ई. पुरकिंजे
4) Leeuwanhoek
ल्यूवेनहॉक

Correct Answer: M. Schleiden and T. Schwann
एम. स्लीडन तथा टी. स्वान

Candidate Answer: J. E. Purkinje
जे. ई. पुरकिंजे

QID : 92 - In December 2017, the Prime Minister of India approved the setting up of National Nutrition Mission (NNM) with an outlay of _____.

दिसम्बर 2017 में, भारत के प्रधानमंत्री ने _____ परिव्यय वाले राष्ट्रीय पोषण अभियान (एनएनएम) की स्थापना को मंजूरी दी।

Options:
1) Rs 8046.17 crore
8046.17 करोड़ रु
2) Rs 9046.17 crore
9046.17 करोड़ रु
3) Rs 7046.17 crore
7046.17 करोड़ रु
4) Rs 10,000 crore
10,000 करोड़ रुपये

Correct Answer: Rs 9046.17 crore
9046.17 करोड़ रु

Candidate Answer: [NOT ANSWERED]

QID : 93 - In which country the world's largest automated container terminal opened in December 2017?

दिसम्बर 2017 में किस देश में विश्व का सबसे बड़ा स्वचालित कंटेनर टर्मिनल खुला हैं?

Options:
1) China
चीन
2) Russia
रूस
3) India
भारत
4) Singapore
सिंगापुर

Correct Answer: China
चीन

Candidate Answer: Singapore
सिंगापुर

QID : 94 - In January 2018, Indian Renewable Energy Development Agency (IREDA) raised $ 300 million via _____ at London Stock Exchange.

जनवरी 2018 में, भारतीय अक्षय ऊर्जा विकास एजेंसी (आईआरईडीएए) ने _____ के द्वारा लंदन स्टॉक एक्सचेंज में 300 मिलियन डॉलर जुटाए हैं।

Options:
1) Yellow Masala Bonds
पीला मसाला बॉन्ड
2) Green Masala Bonds
हरा मसाला बॉन्ड
3) Red Masala Bonds
लाल मसाला बॉन्ड
4) White Masala Bonds
श्वेत मसाला बॉन्ड

Correct Answer: Green Masala Bonds
हरा मसाला बॉन्ड

Candidate Answer: [NOT ANSWERED]

QID : 95 - On 2 January 2018, Parliament passed NABARD (Amendment) Bill, 2017 which provides that Union Government alone must hold atleast how much capital share of NABARD?

2 जनवरी 2018 को, संसद ने नाबार्ड (संशोधन) विधेयक, 2017 पारित कर दिया जिसके अनुसार केंद्र सरकार को अकेले नाबार्ड की कम से कम कितनी पूँजी रखनी चाहिए?

Options:
1) 48%
2) 70%
3) 51%
4) 60%

Correct Answer: 51%

Candidate Answer: 51%

QID : 96 - A bullet of mass 10 g is fired with a velocity of 20 m/s from a gun of mass 2 kg. Find the recoil velocity (in m/s) of the gun.

2 किलोग्राम द्रव्यमान वाली किसी बन्दूक से 10 ग्राम द्रव्यमान वाली एक गोली 20 मीटर/सेकंड के वेग से चलाई जाती है। बन्दूक के पीछे हटने का वेग (मीटर/सेकंड में) ज्ञात करें।

Options:
1) 1
2) 0.2
3) 0.1
4) 2

Correct Answer: 0.1

Candidate Answer: 0.1

QID : 97 - The product of force and the time for which the force acts on a body is equal to the change in _____ of the body.

किसी वस्तु पर लगाए बल तथा बल लगाने के समय का गुणनफल वस्तु के ___ में परिवर्तन के बराबर होता है।

Options:
1) acceleration
त्वरण
2) torque
आघूर्ण
3) momentum
संवेग
4) velocity
वेग

Correct Answer: momentum
संवेग

Candidate Answer: [NOT ANSWERED]

QID : 98 - Earthquake tremors are caused by the disturbance deep down inside the uppermost layer of the earth called the _____.

पृथ्वी के भीतर की सबसे ऊपरी सतह जिसे ____ कहा जाता है, में गहराई की गड़बड़ के कारण भूस्पंद आते हैं।

Options:
1) core
क्रोड़
2) kernel
कर्नेल
3) pith
सतह
4) crust
भूपर्पटी

Correct Answer: crust
भूपर्पटी

Candidate Answer: core
क्रोड़

QID : 99 - Which of the statements given below are **correct**?

A) Fan Zhendong won the Tennis 2017 Cincinnati Masters Men's Singles.
B) In 2018 IPL auctions, Mumbai Indians retained Sunil Narine.
C) Australia won the 2016–17 Women's FIH Hockey World League Final.

निम्नलिखित में से कौन सा कथन **सत्य** है?

A) फन ज्हेंदोंग ने टेनिस 2017 सिनसिनाटी मास्टर्स मेन्स सिंगल्स जीता।
B) 2018 की आईपीएल नीलामी में मुंबई इंडियंस ने सुनील नारायण को रिटेन किया है।
C) ऑस्ट्रेलिया ने 2016-17 का वूमेंस एफआईएच हॉकी वर्ल्ड लीग फाइनल जीता।

Options:
1) Only B
केवल B
2) Only C
केवल C
3) A, B and C
A, B और C
4) None of these
इनमें से कोई नहीं

Correct Answer: None of these
इनमें से कोई नहीं

Candidate Answer: Only B
केवल B

QID : 100 - Computers and communication technologies affect our lives in ways that include: _____, in the way we learn and shape the course of our learning according to our own interests.

कंप्यूटर और संचार प्रौद्योगिकी हमारे जीवन को जिस तरह से प्रभावित करती हैं उसमें शामिल है: _____, अपनी रूचि के अनुसार हमारे सीखने और हमारे सीखने के पाठ्यक्रम का रूप बनाने के तरीके में सहायता करना।

Options:
1) Societal
सामाजिक
2) Technological
प्रौद्योगिक
3) Educational
शैक्षिक
4) Personal
व्यक्तिगत

Correct Answer: Educational
शैक्षिक

Candidate Answer: Educational
शैक्षिक

Staff Selection Commission
(Government Of India)

REGISTRATION NUMBER :WWW

CANDIDATE NAME :WWW

EXAM START TIME : 13:30:00
EXAM DURATION : 01:00 Hrs TOTAL NO
OF QUESTIONS : 100

EXAM DATE : 23-March-2018
EXAM NAME : SSC Examination TOTAL
MARKS : 200

QID : 101 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

The bell rung **(1)**/ while I **(2)**/ was brushing my teeth. **(3)**/ No error **(4)**

Options:
1) 1
2) 2
3) 3
4) 4
Correct Answer: 1
Candidate Answer: 3

QID : 102 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

The British Council has brought Museum of the Moon to India **(1)**/ to mark the last phase of the UK-India Year of Culture **(2)**/ and 70 year of the British Council in India. **(3)**/ No error **(4)**

Options:
1) 1
2) 2
3) 3
4) 4
Correct Answer: 3
Candidate Answer: 3

QID : 103 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Everyone is mad _____ each other.
Options:
1) to
2) for
3) towards
4) at
Correct Answer: at
Candidate Answer: at

QID : 104 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

The mind gives man the ability to understand, think and feel and is the _____ of the soul.
Options:
1) Innovation
2) temptation
3) invention
4) manifestation
Correct Answer: manifestation
Candidate Answer: Innovation

QID : 105 - In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

Devoid
Options:
1) Empty
2) Complete
3) Sufficient
4) Happy
Correct Answer: Empty
Candidate Answer: Complete

QID : 106 - In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

Monolithic
Options:
1) Huge
2) Written
3) Minute
4) Cramped
Correct Answer: Huge
Candidate Answer: Cramped

QID : 107 - In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Baffling
Options:
1) Puzzling
2) Unclear
3) Mystifying
4) Comprehensible
Correct Answer: Comprehensible
Candidate Answer: Comprehensible

QID : 108 - In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Scholarly
Options:
1) Learned
2) Ignorant
3) Cultured
4) Trained
Correct Answer: Ignorant
Candidate Answer: Ignorant

QID : 109 - Rearrange the parts of the sentence in correct order.

The majority of
P : during the general elections
Q : highly educated Indians
R : do not vote
Options:
1) RPQ
2) PRQ
3) PQR
4) QRP
Correct Answer: QRP
Candidate Answer: QRP

QID : 110 - A sentence has been given in Active/Passive Voice. Out of the four given alternatives, select the one which best expresses the same sentence in Passive/Active Voice.

He ate pizza ravenously.
Options:
1) Pizza is eaten by him.
2) Pizza was eaten ravenously by him.
3) Pizza was ate ravenously by him.
4) Pizza ate ravenously by him.
Correct Answer: Pizza was eaten ravenously by him.

Candidate Answer: Pizza was eaten ravenously by him.

QID : 111 - A sentence has been given in Direct/Indirect Speech. Out of the four given alternatives, select the one which best expresses the same sentence in Indirect/Direct Speech.

"Is it snowing?" she asked.
Options:
1) She asked whether the snow has started.
2) She inquired about the snow.
3) She ask whether it was snowing.
4) She asked if it was snowing.
Correct Answer: She asked if it was snowing.

Candidate Answer: She ask whether it was snowing.

QID : 112 - In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word.
Options:
1) Accommodate
2) Acommodate
3) Accomodate
4) Accomeodate

Correct Answer: Accommodate

Candidate Answer: Accommodate

QID : 113 - **In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.**

But there is _____ reason to worry that the next Shakespeare or Valmiki is being suppressed by social media. _____ is also crowd-sourced even though we just can't see the forest for the trees when so many postings, I mean trees, seem to take birth _____ die every minute. I am certain that some great creative personalities will emerge in art, _____ and literature from social media. Instant stars are born via viral postings but self-selection _____ be the best filter to extract the superstars of the ilk of history's greatest.

But there is _____ reason to worry

Options:
1) none
2) neither
3) nor
4) no

Correct Answer: no

Candidate Answer: no

QID : 114 - **In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.**

But there is _____ reason to worry that the next Shakespeare or Valmiki is being suppressed by social media. _____ is also crowd-sourced even though we just can't see the forest for the trees when so many postings, I mean trees, seem to take birth _____ die every minute. I am certain that some great creative personalities will emerge in art, _____ and literature from social media. Instant stars are born via viral postings but self-selection _____ be the best filter to extract the superstars of the ilk of history's greatest.

social media. _____ is also crowd-sourced

Options:
1) Creativity
2) Creative
3) Creation
4) Create

Correct Answer: Creativity

Candidate Answer: Creativity

QID : 115 - **In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.**

But there is _____ reason to worry that the next Shakespeare or Valmiki is being suppressed by social media. _____ is also crowd-sourced even though we just can't see the forest for the trees when so many postings, I mean trees, seem to take birth _____ die every minute. I am certain that some great creative personalities will emerge in art, _____ and literature from social media. Instant stars are born via viral postings but self-selection _____ be the best filter to extract the superstars of the ilk of history's greatest.

take birth _____ die every minute.

Options:
1) nor
2) and
3) for
4) neither

Correct Answer: and

Candidate Answer: and

QID : 116 - **In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.**

But there is _____ reason to worry that the next Shakespeare or Valmiki is being suppressed by social media. _____ is also crowd-sourced even though we just can't see the forest for the trees when so many postings, I mean trees, seem to take birth _____ die every minute. I am certain that some great creative personalities will emerge in art, _____ and literature from social media. Instant stars are born via viral postings but self-selection _____ be the best filter to extract the superstars of the ilk of history's greatest.

emerge in art, _____ and literature

Options:
1) musically
2) musician
3) musical
4) music

Correct Answer: music

Candidate Answer: music

QID : 117 - **In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.**

But there is _____ reason to worry that the next Shakespeare or Valmiki is being suppressed by social media. _____ is also crowd-sourced even though we just can't see the forest for the trees when so many postings, I mean trees, seem to take birth _____ die every minute. I am certain that some great creative personalities will emerge in art, _____ and literature from social media. Instant stars are born via viral postings but self-selection _____ be the best filter to extract the superstars of the ilk of history's greatest.

self-selection _____ be the best

Options:
1) since
2) until
3) may
4) whether

Correct Answer: may

Candidate Answer: may

QID : 118 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

A cold fish

Options:
1) Someone who seems unfriendly and who does not share his feelings.
2) Something valuable preserved for a long time.
3) A lost business opportunity.
4) A fish which can survive in freezing water.

Correct Answer: Someone who seems unfriendly and who does not share his feelings.

Candidate Answer: Someone who seems unfriendly and who does not share his feelings.

QID : 119 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Bend over backwards

Options:
1) Use unfair means to succeed.
2) Make every effort to achieve something, especially to be fair or helpful.
3) Lose self respect to please others.
4) To step back from an unpleasant situation.

Correct Answer: Make every effort to achieve something, especially to be fair or helpful.

Candidate Answer: Use unfair means to succeed.

QID : 120 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

A stately or impressive building housing a tomb or group of tombs

Options:
1) Mausoleum
2) Shanty
3) Hovel
4) Tepee

Correct Answer: Mausoleum

Candidate Answer: Mausoleum

QID : 121 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

Exposed to the possibility of being attacked or harmed, either physically or emotionally

Options:
1) Robust
2) Tenacious
3) Vulnerable
4) Stout

Correct Answer: Vulnerable

Candidate Answer: Robust

QID : 122 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

There was hardly any traffic and my father told us the history of the place we **(is trekking)** to.

Options:
1) was trekking
2) were trekking
3) were trek
4) no improvement

Correct Answer: were trekking

Candidate Answer: were trekking

QID : 123 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

You **(have been)** a very good girl.

Options:
1) has been
2) is been
3) have being
4) no improvement

Correct Answer: no improvement

Candidate Answer: have being

QID : 124 - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

In those days
A-ambulances available on
B-call to ferry patients to hospitals
C-there were hardly any

Options:
1) BCA
2) BAC
3) ACB
4) CAB

Correct Answer: CAB

Candidate Answer: CAB

QID : 125 - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word .

Options:
1) valedection
2) velediction
3) veledection
4) valediction

Correct Answer: valediction

Candidate Answer: valediction

QID : 126 - In the following question, two statements are given each followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement I: Medicines today have become an integral part of everyone's life.
Statement 2. People undergo medicinal treatment at any age.
Conclusion1: Lifestyle has made us easy going and less caring for health.
Conclusion2: Medicines have become compulsory part of one's life.

दिए गए प्रश्न में कुछ कथन और उनके बाद उन कथनोंपर आधारित कुछ निष्कर्ष दिए गए हैं, हालांकि उनमें सामान्य ज्ञात तथ्यों से भिन्नता हो सकती है। सभी निष्कर्ष पढ़ें और फिर निर्धारित करें कि दिए गए कौन से निष्कर्ष, दिए गए कथनों के आधार पर युक्तिसंगत हैं।

कथन 1: दवाएं आज हर किसी के जीवन का एक अनिवार्य हिस्सा बन गई हैं।
कथन 2: लोगों को किसी भी उम्र में औषधीय उपचार से गुजरना होता है।
निष्कर्ष 1: जीवनशैली ने हमें सुविधाभोगी और सेहत के प्रति लापरवाह बना दिया है।
निष्कर्ष 2: दवाएं जीवन का अनिवार्य हिस्सा बन गई है।

Options:
1) Only conclusion 2 follows
केवल निष्कर्ष 2 लागू होता है
2) Conclusion 1 and 2 both follow
निष्कर्ष 1 और 2 दोनों लागू होता है
3) Neither 1 nor 2 follow
न निष्कर्ष 1 न ही 2 लागू होता है
4) Only conclusion 1 follows
केवल निष्कर्ष 1 लागू होता है

Correct Answer: Only conclusion 2 follows
केवल निष्कर्ष 2 लागू होता है

Candidate Answer: Neither 1 nor 2 follow
न निष्कर्ष 1 न ही 2 लागू होता है

QID : 127 - Select the related word/letters/number from the given alternatives.

Rickets : Bone : : Thalassemia : ?

दिए गए विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनिए।

सुखंडी : हड्डी : : थैलेसीमिया : ?

Options:
1) Brain
मस्तिष्क
2) Kidney
गुर्दा
3) Blood
रक्त
4) Liver
यकृत

Correct Answer: Blood
रक्त

Candidate Answer: Blood
रक्त

QID : 128 - Select the related word/letters/number from the given alternatives.
FG : 13 : : UV : ?

दिए गए विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनिए।
FG : 13 : : UV : ?

Options:
1) 45
2) 55
3) 21
4) 43

Correct Answer: 43

Candidate Answer: 43

QID : 129 - Select the related word/letters/number from the given alternatives.
543 : 12 : : 764 : ?

दिए गए विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनिए।
543 : 12 : : 764 : ?

Options:
1) 25
2) 17
3) 23
4) 16

Correct Answer: 17

Candidate Answer: 17

QID : 130 - Select the odd word/letters/number/number pair from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या/संख्या युग्म को चुनिए।

Options:
1) Light pen
लाइट पेन
2) Monitor
मॉनिटर
3) Printer
प्रिंटर
4) Speaker
स्पीकर

Correct Answer: Light pen
लाइट पेन

Candidate Answer: Light pen
लाइट पेन

QID : 131 - Select the odd word/letters/number/number pair from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या/संख्या युग्म को चुनिए।

Options:
1) PT

2) DH

3) VZ

4) KN

Correct Answer: KN

Candidate Answer: KN

QID : 132 - Select the odd word/letters/number/number pair from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या/संख्या युग्म को चुनिए।

Options:
1) 190

2) 149

3) 197

4) 191

Correct Answer: 190

Candidate Answer: 190

QID : 133 - Select the odd word/letters/number/number pair from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या/संख्या युग्म को चुनिए।

Options:
1) 363

2) 297

3) 253

4) 487
Correct Answer: 487
Candidate Answer: 487

QID : 134 - A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series. Triangle, Square, Pentagon, ?

एक अनुक्रम दिया गया है, जिसमें से एक पद लुप्त है। दिए गए विकल्पों में से वह विकल्प चुनिए, जो अनुक्रम को पूरा करे। त्रिकोण, वर्ग, पंचकोण, ?

Options:
1) Decagon
दसभुज
2) Heptagon
सप्तभुज
3) Octagon
अष्टभुज
4) Hexagon
षट्भुज

Correct Answer: Hexagon
षट्भुज

Candidate Answer: Hexagon
षट्भुज

QID : 135 - A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series. 200, ? , 50, 25, 12.5

एक अनुक्रम दिया गया है, जिसमें से एक पद लुप्त है। दिए गए विकल्पों में से वह विकल्प चुनिए, जो अनुक्रम को पूरा करे। 200, ? , 50, 25, 12.5

Options:
1) 123

2) 225

3) 100

4) 198
Correct Answer: 100
Candidate Answer: 100

QID : 136 - A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series. 40, 70, 130, 220, ?

एक अनुक्रम दिया गया है, जिसमें से एक पद लुप्त है। दिए गए विकल्पों में से वह विकल्प चुनिए, जो अनुक्रम को पूरा करे। 40, 70, 130, 220, ?

Options:
1) 425

2) 430

3) 150

4) 340
Correct Answer: 340
Candidate Answer: 340

QID : 137 - A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series. DFE, GIH, JLK, ?

एक अनुक्रम दिया गया है, जिसमें से एक पद लुप्त है। दिए गए विकल्पों में से वह विकल्प चुनिए, जो अनुक्रम को पूरा करे। DFE, GIH, JLK, ?

Options:
1) LTS

2) IJK

3) MON

4) PRS
Correct Answer: MON
Candidate Answer: MON

QID : 138 - A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series. IJ, MN, RS, ?

एक अनुक्रम दिया गया है, जिसमें से एक पद लुप्त है। दिए गए विकल्पों में से वह विकल्प चुनिए, जो अनुक्रम को पूरा करे। IJ, MN, RS, ?

Options:
1) NM

2) BA

3) OP

4) XY

Correct Answer: XY
Candidate Answer: XY

QID : 139 - If the tenth day of a month having 30 days is Tuesday, then what day of the week will the last day of the same month be?

यदि 30 दिन वाले एक महीने का दसवां दिन मंगलवार है, तो सप्ताह का कौन-सा दिन उस महीने का अंतिम दिन होगा?

Options:
1) Monday
सोमवार
2) Friday
शुक्रवार
3) Wednesday
बुधवार
4) Sunday
रविवार

Correct Answer: Monday
सोमवार

Candidate Answer: Friday
शुक्रवार

QID : 140 - Arrange the given words in the sequence in which they occur in the dictionary.

i. Derogate
ii. Dictum
iii. Dictate
iv. Dictionary

निम्नलिखित शब्दों को शब्दकोश में आने वाले क्रम के अनुसार लिखें।

i. Derogate
ii. Dictum
iii. Dictate
iv. Dictionary

Options:
1) iv, ii, i, iii
2) iii, iv, ii, i
3) iv, iii, i, ii
4) i, iii, iv, ii
Correct Answer: i, iii, iv, ii
Candidate Answer: i, iii, iv, ii

QID : 141 - In a certain code language, "INTERVIEW" is written as "VIEWRINTE" How is "PROTECT" written in that code language?

एक विशिष्ट कोड भाषा में "INTERVIEW" को "VIEWRINTE" लिखा जाता है। इस कोड भाषा में "PROTECT" को किस प्रकार लिखा जाएगा?

Options:
1) ECTTPRO

2) ETCTPRO

3) ECTTPOR

4) CETTPRO
Correct Answer: ECTTPRO
Candidate Answer: ECTTPRO

QID : 142 -

In the following question, select the missing number from the given series.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से लुप्त अंक ज्ञात कीजिए।

54	9	45
61	12	49
45	10	?

Options:
1) 45

2) 10

3) 35

4) 50
Correct Answer: 35
Candidate Answer: 35

QID : 143 - If "A" denotes "added to", "C" denotes "divided by", "D" denotes "multiplied by" and "B" denotes "subtracted from", then 192 C 2 D 5 B 8 A 6 = ?

यदि "A" का अर्थ "जोड़" है, "C" का अर्थ "भाग" है, "D" का अर्थ "गुणा" है और "B" का अर्थ "घटाना" है, तो 192 C 2 D 5 B 8 A 6 = ?

Options:
1) 402

2) 495

3) 478

4) 432
Correct Answer: 478
Candidate Answer: 478

QID : 144 - In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?
x_za_c_yzab_

निम्नलिखित प्रश्न में अक्षरों का कौन सा समूह खाली स्थानों पर क्रमवार रखने से दी गई अक्षर श्रृंखला को पूरा करेगा?
x_za_c_yzab_

Options:
1) ybba
2) ybxc
3) bycx
4) Cccx
Correct Answer: ybxc
Candidate Answer: ybxc

QID : 145 - A watch shows 4:30 AM. If the minute hand is pointing towards north, then which direction is the hour hand pointing to?

एक घड़ी में सुबह के 4:30 बज रहे हैं। यदि मिनट की सुई उत्तर दिशा की ओर है, तो फिर घंटे की सुई किस दिशा की ओर होगी?

Options:
1) East
पूर्व
2) South
दक्षिण
3) North-west
उत्तर-पश्चिम
4) South-west
दक्षिण-पश्चिम

Correct Answer: North-west
उत्तर-पश्चिम

Candidate Answer: North-west
उत्तर-पश्चिम

QID : 146 -

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example, 'N' can be represented by 21, 67 etc. and 'R' can be represented by 66, 57 etc. Similarly, you have to identify the set for the word 'HUMP'.

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसा कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या-समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसा कि दिए गए दो आव्यूहों में है। आव्यूह-I के स्तम्भ और पंक्ति की संख्या 0 से 4 और आव्यूह-II की 5 से 9 है। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'N' को 21, 67 आदि द्वारा दर्शाया जा सकता है तथा 'R' को 66, 57 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द 'HUMP' के लिए समूह को पहचानना है।

Matrix-I
आव्यूह – I

	0	1	2	3	4
0	H	R	A	N	B
1	W	U	N	H	L
2	E	N	S	H	O
3	N	Y	P	O	M
4	H	M	O	F	A

Matrix-II
आव्यूह – II

	5	6	7	8	9
5	H	M	U	I	Q
6	X	R	N	W	P
7	C	S	Y	E	U
8	S	N	M	M	S
9	G	B	E	R	U

Options:
1) 23, 57, 41, 88

2) 13, 11, 34, 69

3) 32, 02, 11, 86

4) 00, 99, 87, 33

Correct Answer: 13, 11, 34, 69

Candidate Answer: 13, 11, 34, 69

QID : 147 - Introducing a girl a boy says, "She is the only daughter of the wife of my brother-in-law". How is the girl related to the boy?

एक लड़की का परिचय कराते हुए एक लड़का कहता है, "वह मेरे बहनोई/साले की पत्नी की इकलौती बेटी है। "वह लड़की उस लड़के से कैसे संबंधित है?

Options:
1) Sister-in-law
साली
2) Mother
माँ
3) Daughter
बेटी
4) Niece
भांजी/भतीजी
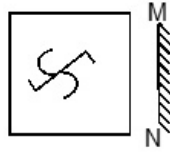
Correct Answer: Niece
भांजी/भतीजी

Candidate Answer: Niece
भांजी/भतीजी

QID : 148 -

If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

यदि एक दर्पण को MN रेखा पर रखा जाए, तो दी गई उत्तर आकृतियों में से कौन सी आकृति प्रश्न आकृति की सही प्रतिबिम्ब होगी?

Options:

1)

2)
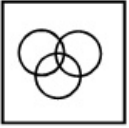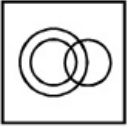

3)

4)

Correct Answer:

Candidate Answer:

QID : 149 - Identify the diagram that best represents the relationship among the given classes. Ministers, Politicians, Actor

वह आरेख चुनिए जो नीचे दिए गए वर्गों के बीच के संबंध का सही निरूपण करता है। मंत्री, राजनीतिक, अभिनेता
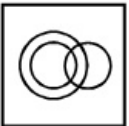
Options:

1)

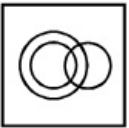
2)

3)

4)
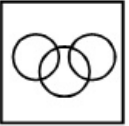
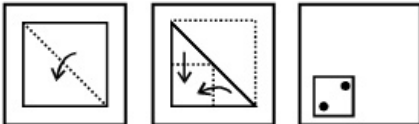
Correct Answer:

Candidate Answer:

QID : 150 -

A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

नीचे के प्रश्न आकृतियों में दिखाए अनुसार कागज को मोड़कर छेदने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?

Options:
1)

2)

3)

4)

Correct Answer:

Candidate Answer:

QID : 151 -

If $11a + 11b = 29282$ find the value of $\frac{a+b}{4}$.

यदि $11a + 11b = 29282$ है, तो $\frac{a+b}{4}$ का मान ज्ञात करें।

Options:
1) 661.5
2) 663.5
3) 665.5
4) 667.5
Correct Answer: 665.5
Candidate Answer: 665.5

QID : 152 - If the sum of two numbers is 25 and their product is 156. Find the larger number.

यदि दो संख्याओं का योग 25 है और उनका गुणन 156 है। बड़ी संख्या ज्ञात करें।
Options:
1) 11
2) 12
3) 13
4) 15
Correct Answer: 13
Candidate Answer: 13

QID : 153 -

If $16^{2x+6} = 64$, then What is the value x^{i}

यदि $16^{2x+6} = 64$ है, तो x^{i} का मान ज्ञात करें।

Options:
1) -9/4
2) 9/4
3) -18/4
4) 18/4
Correct Answer: -9/4
Candidate Answer: -9/4

QID : 154 -
Find the value of 'x', if $8^x \times 32^x = 2^{10}$.

'x' का मान ज्ञात करें, यदि $8^x \times 32^x = 2^{10}$ है।

Options:
1) 1/8
2) 10/8
3) 20/8
4) 30/8
Correct Answer: 10/8
Candidate Answer: 10/8

QID : 155 - The radius of the two concentric circles is 5 cm and 13 cm. The tangent to the smaller circle is the chord to the greater circle. What is the length (in cm) of that chord?

दो समान केन्द्र वाले वृत्तों की त्रिज्या 5 सेमी और 13 सेमी है। छोटे वृत्त की स्पर्शरेखा बड़े वृत के लिए जीवा है। उस जीवा की लंबाई (सेमी में) क्या है?

Options:
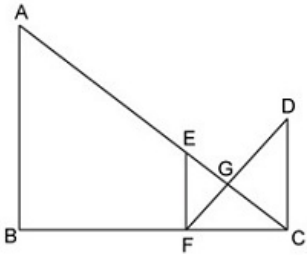**1)** 12
2) 20
3) 22
4) 24
Correct Answer: 24
Candidate Answer: 12

QID : 156 -
AB, EF and CD are the parallel lines as shown in the adjoining figure below. The dimensions of the sides GE= 6 cm, GC=12 cm and DC=16 cm. Calculate the length of EF.

AB, EF और CD समानांतर रेखाएं हैं, जो नीचे दिए गए चित्र में दिखाए गए हैं। भुजाओं के आयाम GE = 6 सेमी, GC = 12 सेमी और DC = 16 सेमी है। EF की लंबाई की गणना (सेमी में) करें।

Options:
1) 4
2) 8
3) 10
4) 12
Correct Answer: 8
Candidate Answer: 8

QID : 157 - If P is 50% less than Q and Q is 70% more than 640, then what is the value of P?

यदि P, Q से 50% कम है तथा Q, 640 से 70% अधिक है, तो P का मान क्या है?

Options:
1) 768
2) 544
3) 618
4) 448
Correct Answer: 544
Candidate Answer: 544

QID : 158 - If x : y = y : z, then what is the value of $x^3 : y^3$?

यदि x : y = y : z है, तो $x^3 : y^3$ का मान क्या है?

Options:
1) $x^2 : yz$
2) $x^3 : y^2 z$
3) $x : z$
4) $z^2 : xy$

Correct Answer: $x^2 : yz$

Candidate Answer: [NOT ANSWERED]

QID : 159 - In an amalgam, mercury and silver are in the ratio of 3 : 7. In the second amalgam, the ratio of same elements is 1 : 9. If equal quantities of these two amalgam are mixed to form a new amalgam, then what will be the ratio of both of these elements in the new amalgam?

एक पारद-मिश्रण में, पारा तथा चांदी 3 : 7 के अनुपात में है। दूसरे पारद-मिश्रण में समान तत्वों का अनुपात 1 : 9 है। यदि एक नया पारद-मिश्रण बनाने के लिए इन दो पारद-मिश्रणों की बराबर मात्राओं को मिलाया जाए, तो नए पारद-मिश्रण में इन दोनों तत्वों का अनुपात क्या होगा?

Options:
1) 1 : 4
2) 7 : 81
3) 4 : 15
4) 2 : 7

Correct Answer: 1 : 4

Candidate Answer: 1 : 4

QID : 160 - Average of the weight of 138 students of a school is 45 kg. If the average weight of the boys is 49 kg and the average weight of the girls is 25 kg, then what will be the respective ratio of the total weight of boys and the total weight of girls?

एक विद्यालय के 138 विद्यार्थियों के भार का औसत 45 कि.ग्रा. है। यदि लड़कों का औसत भार 49 कि.ग्रा. तथा लड़कियों का औसत भार 25 कि.ग्रा. है, तो लड़कों के कुल भार तथा लड़कियों के कुल भार का क्रमशः अनुपात क्या है?

Options:
1) 5 : 43
2) 49 : 5
3) 3 : 49
4) 7 : 1

Correct Answer: 49 : 5

Candidate Answer: 7 : 1

QID : 161 - What is the difference (in Rs) between the compound interest (compounded annually) and simple interest for 3 years on a principal of Rs 2500 at the rate of 30% per annum?

2500 रु के मूलधन पर 30% की वार्षिक दर से 3 वर्षों के चक्रवृद्धि ब्याज (वार्षिक संयोजन) तथा साधारण ब्याज के मध्य अंतर (रु में) क्या है?

Options:
1) 742.5
2) 624.5
3) 714.5
4) 825.25

Correct Answer: 742.5

Candidate Answer: 742.5

QID : 162 - A person sells a pen at 15% profit. If he had bought it at 7% less price and sold it for Rs 250 more, then he would have gained 25%. What is the cost price (in Rs) of the pen?

एक व्यक्ति एक कलम को 15% लाभ पर बेचता है। यदि वह उसको 7% कम मूल्य पर खरीदता तथा उसे 250 रु अधिक में बेचता, तो उसे 25% का लाभ होता। कलम का क्रय मूल्य (रु में) क्या है?

Options:
1) 20000
2) 18000
3) 25000
4) 23000

Correct Answer: 20000

Candidate Answer: 25000

QID : 163 - The marked price of a chair is 75% more than its cost price. What maximum discount percentage can be offered by the shopkeeper to sell his chair at no profit or no loss?

एक कुर्सी का अंकित मूल्य, उसके क्रय मूल्य से 75% अधिक है। दुकानदार द्वारा अपनी कुर्सी को न किसी लाभ अथवा न ही किसी हानि पर बेचने के लिए, अधिकतम कितने प्रतिशत की छूट दी जा सकती है?

Options:
1) 42.85
2) 36.58
3) 60
4) 52

Correct Answer: 42.85

Candidate Answer: 42.85

QID : 164 - What is the square root of the sum of first 36 odd natural numbers?

प्रथम 36 विषम प्राकृतिक संख्याओं के योग का वर्गमूल क्या है?

Options:
1) 6
2) 36
3) 64
4) 72
Correct Answer: 36
Candidate Answer: 36

QID : 165 - 21 workers can repair a road in 40 days. If they are joined by 7 more workers, then in how much time (in days) the road can be repaired?

21 श्रमिक एक सड़क की मरम्मत 40 दिन में कर सकते हैं। यदि उनके साथ 7 अन्य श्रमिक जुड़ जाते हैं, तो कितने समय (दिनों में) में सड़क की मरम्मत हो सकती है?

Options:
1) 27
2) 28
3) 30
4) 32
Correct Answer: 30
Candidate Answer: 30

QID : 166 - Two trains are moving towards each other with the speed of 25 km/hr and 83 km/hr respectively. What will be the distance (in metres) between the trains one second before collide?

दो रेलगाडियाँ एक दूसरे की तरफ क्रमशः 25 कि.मी./घंटा तथा 83 कि.मी./घंटा की गति से चल रही है। टकराने से एक सेकण्ड पहले रेलगाड़ियों के बीच कितनी दूरी (मीटर में) होगी?

Options:
1) 32
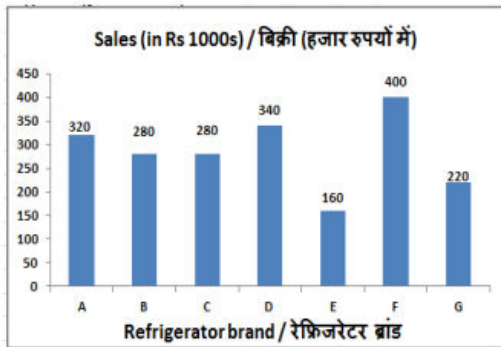**2)** 35
3) 30
4) 40
Correct Answer: 30
Candidate Answer: [NOT ANSWERED]

QID : 167 -

The bar graph shows 1 month's sales figures of different brands of refrigerator of a certain electronics store in Rs 1000s. Study the diagram and answer the following questions.

यह बार ग्राफ़ एक विशिष्ट इलेक्ट्रॉनिक्स स्टोर के रेफ्रिजरेटर के विभिन्न ब्रांडों के 1 महीने की बिक्री के आंकड़े को हजार रुपयों में दर्शाता हैं। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।

Sales of which refrigerator brand were the second highest?

किस रेफ्रिजरेटर के ब्रांड की दूसरी सर्वाधिक बिक्री थी?
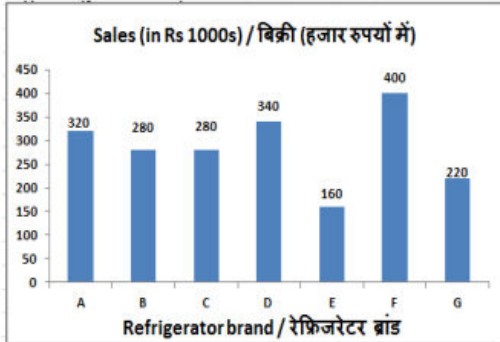
Options:
1) G

2) D

3) A

4) C
Correct Answer: D

QID : 168 -

The bar graph shows 1 month's sales figures of different brands of refrigerator of a certain electronics store in Rs 1000s. Study the diagram and answer the following questions.

यह बार ग्राफ़ एक विशिष्ट इलेक्ट्रॉनिक्स स्टोर के रेफ्रिजरेटर के विभिन्न ब्रांडों के 1 महीने की बिक्री के आंकड़े को हजार रुपयों में दर्शाता हैं। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।

What is the ratio of sales of brand B to that of brand E?

ब्रांड B और ब्रांड E के बिक्री का अनुपात क्या है?

Options:
1) 7 : 4
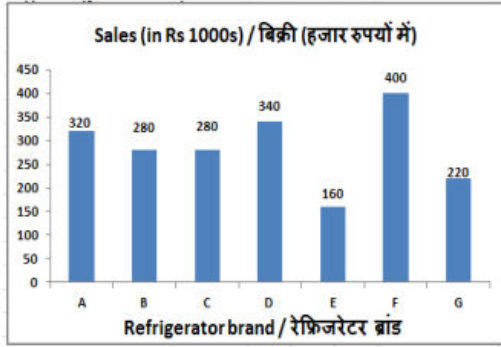
2) 4 : 7

3) 4 : 1

4) 1 : 4

Correct Answer: 7 : 4
Candidate Answer: 7 : 4

QID : 169 -

The bar graph shows 1 month's sales figures of different brands of refrigerator of a certain electronics store in Rs 1000s. Study the diagram and answer the following questions.

यह बार ग्राफ़ एक विशिष्ट इलेक्ट्रॉनिक्स स्टोर के रेफ्रिजरेटर के विभिन्न ब्रांडों के 1 महीने की बिक्री के आंकड़े को हजार रुपयों में दर्शाता हैं। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।

Sales of brand F was greater than that of brand E by _____.

ब्रांड F की बिक्री ब्रांड E की तुलना में _____ से अधिक थी।

Options:
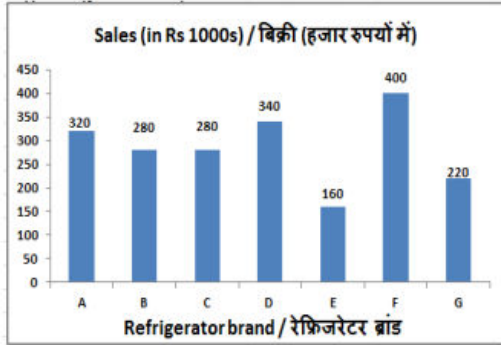**1)** 1.5

2) 0.5

3) 2.4

4) 0.6

Correct Answer: 1.5
Candidate Answer: 2.4

QID : 170 -

The bar graph shows 1 month's sales figures of different brands of refrigerator of a certain electronics store in Rs 1000s. Study the diagram and answer the following questions.

यह बार ग्राफ़ एक विशिष्ट इलेक्ट्रॉनिक्स स्टोर के रेफ्रिजरेटर के विभिन्न ब्रांडों के 1 महीने की बिक्री के आंकड़े को हजार रुपयों में दर्शाता हैं। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।

If the sales figures are exclusive of tax then at the rate of 5% tax how much is the tax to be paid (in Rs) on the sales of all the 7 brands of refrigerators?

यदि बिक्री के आंकड़े में टैक्स शामिल नही है, तो 5% की दर से सभी 7 ब्रांडों के रेफ्रिजरेटरों की बिक्री पर कितना टैक्स (रुपये में) देना पड़ेगा?

Options:
1) 10000

2) 1000000

3) 100000

4) 1000
Correct Answer: 100000
Candidate Answer: 100000

QID : 171 - The length of the diagonal and the breadth of a rectangle is 29 cm and 20 cm respectively. Calculate its area (in cm^2).

एक आयत के विकर्ण की लंबाई और उस आयत की चौड़ाई क्रमश: 29 सेंटीमीटर और 20 सेंटीमीटर है। इसके क्षेत्रफल (वर्ग सेंटीमीटर में) की गणना करें।

Options:
1) 840
2) 160
3) 320
4) 420
Correct Answer: 420
Candidate Answer: 160

QID : 172 - If the area of a semi-circle is 308 cm^2, then find its radius (in cm).

यदि एक अर्द्धवृत्त का क्षेत्रफल 308 वर्ग सेंटीमीटर है, तो इसकी त्रिज्या (सेंटीमीटर में) ज्ञात करें।

Options:
1) 28

2) 10

3) 20

4) 14
Correct Answer: 14
Candidate Answer: 14

QID : 173 - The volume of a hemisphere is 718.67 cm^3. Find its diameter (in cm).

एक अर्द्धगोल का आयतन 718.67 घन सेंटीमीटर है। इसका व्यास (सेंटीमीटर में) ज्ञात करें।

Correct Answer: 14
Candidate Answer: 7

QID : 174 - What is the value of (sec45^0 + 1/√3) ?

(sec45^0 + 1/√3) का मान क्या है?

Options:
1) (2+√3)/2√3

2) (2+2√3)/√3

3) (2+2√3)/3

4) (√6+1)/√3
Correct Answer: (√6+1)/√3
Candidate Answer: (√6+1)/√3

QID : 175 - In ΔABC measure of angle B is 90^0. If cosA = 8/17, and AB = 4cm, then what is the length (in cm) of side BC?

ΔABC में कोण B का माप 90^0 है। यदि cosA = 8/17 और AB = 4 सेंटीमीटर है, तो भुजा BC की लंबाई (सेंटीमीटर में) क्या है?

Options:
1) 8.5
2) 7.5
3) 5
4) 6
Correct Answer: 7.5
Candidate Answer: 5

QID : 176 - Most of the sculptures in 'Rani ki Vav' are in devotion to?

रानी की वाव' में अधिकांश मूर्तियाँ किसकी भक्ति में हैं?

Options:
1) Shiva
शिवा
2) Ganesha
गणेश
3) Mahavira
महावीर
4) Vishnu
विष्णु

Correct Answer: Vishnu
विष्णु

Candidate Answer: Shiva
शिवा

QID : 177 - For the movie "Jab We Met", Kareena Kapoor won the Filmfare Award for _____.

फिल्म 'जब वी मेट' के लिए करीना कपूर ने _____ के लिए फिल्मफेयर पुरस्कार जीता।

Options:
1) Best Supporting Actress
सर्वश्रेष्ठ सह नायिका
2) Best Female Debut
सर्वश्रेष्ठ महिला पहली फिल्म
3) Lifetime Achievement
जीवनभर की उपलब्धि
4) Best Actress
सर्वश्रेष्ठ अभिनेत्री

Correct Answer: Best Actress
सर्वश्रेष्ठ अभिनेत्री

Candidate Answer: Best Actress
सर्वश्रेष्ठ अभिनेत्री

QID : 178 - Which Vitamin is essential for the absorption of calcium?

कैल्शियम के अवशोषण के लिए कौन सा विटामिन आवश्यक है?

Options:
1) Vitamin E
विटामिन ई
2) Vitamin A
विटामिन ए
3) Vitamin D
विटामिन डी
4) Vitamin C
विटामिन सी

Correct Answer: Vitamin D
विटामिन डी

Candidate Answer: Vitamin D
विटामिन डी

QID : 179 - Cockroaches belongs to the phylum

काकरोच _____ प्रजाति के अंतर्गत आता है।

Options:
1) Echinodermata
इकाइनोडर्मेटा
2) Arthropoda
आर्थ्रोपोडा
3) Platyhelminthes
प्लैटिहेल्मिन्थेस
4) Mollusca
मोलस्का

Correct Answer: Arthropoda
आर्थ्रोपोडा

Candidate Answer: Arthropoda
आर्थ्रोपोडा

QID : 180 - Chemical formula of Ozone is _____.

ओज़ोन का रासायनिक सूत्र _____ है।

Options:
1) H_2O_2
2) O_2
3) O_3
4) NH_3

Correct Answer: O_3

Candidate Answer: O_3

QID : 181 - Atomic number of which of the following elements is greater than that of Barium

निम्नलिखित तत्वों में से किसकी परमाणु संख्या बेरियम की तुलना में अधिक है?

Options:
1) Iodine
आयोडीन
2) Silver
सिल्वर
3) Bromine
ब्रोमीन
4) Gold
गोल्ड

Correct Answer: Gold
गोल्ड

Candidate Answer: Iodine
आयोडीन

QID : 182 - Commonly used abbreviation OS in computer science stands for?

कंप्यूटर विज्ञान में आमतौर पर इस्तेमाल किया जाने वाला संक्षिप्त नाम ओएस क्या है?

Options:
1) Operating System
ऑपरेटिंग सिस्टम
2) Operating Search
ऑपरेटिंग सर्च
3) Optimization System
ऑप्टीमाइजेशन सिस्टम
4) Optimization Search
ऑप्टीमाइजेशन सर्च

Correct Answer: Operating System
ऑपरेटिंग सिस्टम

Candidate Answer: Operating System
ऑपरेटिंग सिस्टम

QID : 183 - Who travelled throughout South Asia to teach Jain philosophy?

जैन तत्वज्ञान सिखाने के लिये संपूर्ण दक्षिण एशिया की यात्रा किसने की थी?

Options:
1) Siddhartha Gautama
सिद्धार्थ गौतम
2) Mahavira
महावीर
3) Makkhali Gosala
मक्खाली गोसला
4) Chanakya
चाणक्य

Correct Answer: Mahavira
महावीर

Candidate Answer: Mahavira
महावीर

QID : 184 - Mr Shah is willing to spend upto Rs 50 lakh for a German luxury car. Luckily he finds a dealer who says the price of the car is Rs 42 lakh. Mr Shah convinces the dealer to give him 5% discount on the said price. Mr Shah's consumer surplus is

श्रीमान शाह एक जर्मन लक्जरी कार के लिए 50 लाख रु तक खर्च करने के लिए तैयार हैं। सौभाग्य से उन्हें एक डीलर मिलता है जो कहता है कि कार की कीमत 42 लाख रु है। श्रीमान शाह डीलर को 5 % छूट देने के लिए मना लेते हैं। श्रीमान शाह का उपभोक्ता अधिशेष कितना है?

Options:
1) Rs 8 lakh
8 लाख रु
2) Rs 10.1 lakh
10.1 लाख रु
3) Rs 2.1 lakh
2.1 लाख रु
4) Rs 39.9 lakh
39.9 लाख रु

Correct Answer: Rs 10.1 lakh
10.1 लाख रु

Candidate Answer: Rs 10.1 lakh
10.1 लाख रु

QID : 185 - Customs duty is an instrument of _____.

सीमा शुल्क किससे संबंधित है?

Options:
1) Fiscal policy
राजकोषीय नीति
2) Monetary policy
मौद्रिक नीति
3) Trade policy
व्यापार नीति
4) Revenue policy
राजस्व नीति

Correct Answer: Fiscal policy
राजकोषीय नीति

Candidate Answer: Revenue policy
राजस्व नीति

QID : 186 - Radon is formed in the alpha decay of _____.

रेडॉन किसके अल्फ़ा क्षय के कारण उत्पन्न होते हैं?

Options:
1) radium
रेडियम
2) uranium
यूरेनियम
3) actinium
एक्टिनियम
4) thorium
थोरियम

Correct Answer: radium
रेडियम

Candidate Answer: radium
रेडियम

QID : 187 - The circular depression containing a volcanic vent is called?

एक ज्वालामुखी के मुहाने पर स्थित एक वृत्ताकार दबाव को _____ कहा जाता है?

Options:
1) Crater
ज्वालामुख
2) Smog
धुंध
3) Crust
पपड़ी
4) Delta
डेल्टा

Correct Answer: Crater
ज्वालामुख

Candidate Answer: Crust
पपड़ी

QID : 188 - Beijing is the Capital City of _____.

बीजिंग _____ की राजधानी है।

Options:
1) Iraq
इराक
2) Thailand
थाईलैंड
3) China
चीन
4) Russia
रूस

Correct Answer: China
चीन

Candidate Answer: Thailand
थाईलैंड

QID : 189 - Taj Mahal was built in _____.

ताजमहल का निर्माण _____ हुआ था

Options:
1) 14th Century
14 वीं शताब्दी में
2) 15th Century
15 वीं शताब्दी में
3) 16th Century
16 वीं शताब्दी में
4) 17th Century
17 वीं शताब्दी में

Correct Answer: 17th Century
17 वीं शताब्दी में

Candidate Answer: 15th Century
15 वीं शताब्दी में

QID : 190 - Sikh Khalsa Army was formed under the rule of _____.

सिख खालसा सेना किसके शासन के तहत बनाई गई थी?

Options:
1) Sher Shah
शेरशाह
2) Rana Pratap
राणा प्रताप
3) Hemu Vikramaditya
हेमू विक्रमादित्य
4) Ranjit Singh
रणजीत सिंह

Correct Answer: Ranjit Singh
रणजीत सिंह

Candidate Answer: Ranjit Singh
रणजीत सिंह

QID : 191 - Telephone was invented in which decade?

टेलीफोन का अविष्कार किस दशक में हुआ था?

Options:
1) 1670s
1670s
2) 1770s
1770s
3) 1870s
1870s
4) 1970s
1970s
Correct Answer: 1870s
1870s
Candidate Answer: 1870s
1870s

QID : 192 - Which device is used to limit electric current in a circuit?

किसी सर्किट में विद्युत प्रवाह को सीमित करने के लिए कौन सा डिवाइस प्रयोग में लाया जाता है?

Options:
1) Grid
ग्रिड
2) Capacitor
संधारित्र
3) Fuse
फ्यूज
4) Resistor
प्रतिरोधक
Correct Answer: Fuse
फ्यूज
Candidate Answer: Resistor
प्रतिरोधक

QID : 193 - If a physical quantity has the units - ampere per meter squared, then what are it's dimensions?

यदि एक भौतिक मात्रा की इकाई है - एम्पीयर प्रति वर्ग मीटर, तो उसकी विमाएं क्या होंगी?

Options:
1) [AL-2]

2) [I M-2]

3) [I L-2]

4) [AM-2]
Correct Answer: [I L-2]
Candidate Answer: [I L-2]

QID : 194 - Who conducts oath of office to the President of India?

भारत के राष्ट्रपति को कार्यालय की शपथ कौन दिलवाता है?

Options:
1) The Prime Minister
प्रधानमंत्री
2) The Chief Justice
मुख्य न्यायाधीश
3) Lok Sabha Speaker
लोकसभा अध्यक्ष
4) Rajya Sabha Chairman
राज्यसभा अध्यक्ष
Correct Answer: The Chief Justice
मुख्य न्यायाधीश
Candidate Answer: The Chief Justice
मुख्य न्यायाधीश

QID : 195 - The number of parliamentary seats (Rajya Sabha) of Himachal Pradesh is _____.

हिमाचल प्रदेश की संसदीय सीटों (राज्य सभा) की संख्या कितनी हैं?

Options:
1) 3

2) 5

3) 11

4) 16
Correct Answer: 3
Candidate Answer: 11

QID : 196 - Which sport is called the Gentleman's Game?

किस खेल को जेंटलमैन का खेल कहा जाता है?

Options:
1) Golf
गोल्फ़
2) Baseball
बेसबॉल
3) Cricket
क्रिकेट
4) Snooker
स्नूकर

Correct Answer: Cricket
क्रिकेट

Candidate Answer: Cricket
क्रिकेट

QID : 197 - Who is the author of "Rise of Kali: Duryodhana's Mahabharata"?

"राइज़ ऑफ़ कली: दुर्योधानाज महाभारता" के लेखक कौन हैं?

Options:
1) Anand Neelakantan
आनंद नीलकंतन
2) R. K. Narayan
आर के नारायण
3) Bharath Veeraraghavan
भरत वीरराघवन
4) Sakshama Puri Dhariwal
सक्षमा पुरी धारीवाल

Correct Answer: Anand Neelakantan
आनंद नीलकंतन

Candidate Answer: Sakshama Puri Dhariwal
सक्षमा पुरी धारीवाल

QID : 198 - Pyrrhotite is an ore/mineral of

पाइरोटाइट ----- का एक अयस्क / खनिज है|

Options:
1) Lead
लेड
2) Nickel
निकल
3) Gold
गोल्ड
4) Tin
टिन

Correct Answer: Nickel
निकल

Candidate Answer: Nickel
निकल

QID : 199 - Which is the longest canal in the world?

विश्व की सबसे लंबी नहर कौन सी है?

Options:
1) Panama
पनामा
2) Welland
वेलेंड
3) Grand Canal
ग्रैंड केनाल
4) Corinth
कोरिंथ

Correct Answer: Grand Canal
ग्रैंड केनाल

Candidate Answer: Grand Canal
ग्रैंड केनाल

QID : 200 - In fertilisation of a flower, the fertilised central cell will develop into _____ .

एक पुष्प के निषेचन में, निषेचित केंद्रीय कोशिका _____ में विकसित होगी।

Options:
1) zygote
युग्मनज
2) embryo
भ्रूण
3) endosperm
एण्डोस्पर्म
4) sperm
शुक्राणु

Correct Answer: endosperm
एण्डोस्पर्म

Candidate Answer: embryo
भ्रूण

SSC CHSL 23 March 2018 Evening Shift

Quant

Instructions

For the following questions answer them individually

Question 1

The difference between 66 % of a number and 44% of the same number is 275. What is the 64% of that number?

A 800

B 840

C 760

D 600

Answer: A

Explanation:

Let the number be $100x$

According to ques,

=> $\left(\frac{66}{100} \times 100x\right) - \left(\frac{44}{100} \times 100x\right) = 275$

=> $66x - 44x = 22x = 275$

=> $x = \frac{275}{22} = 12.5$

∴ 64% of the number = $\frac{64}{100} \times 100 \times 12.5 = 800$

=> Ans - (A)

Question 2

Calculate the value of $\left(5^{\frac{1}{4}} - 1\right)\left(5^{\frac{3}{4}} + 5^{\frac{1}{2}} + 5^{\frac{1}{4}} + 1\right)$

A 5

B 4

C 10

D 25

Answer: B

Explanation:

Expression = $(5^{\frac{1}{4}} - 1)(5^{\frac{3}{4}} + 5^{\frac{1}{2}} + 5^{\frac{1}{4}} + 1)$

= $(5^{\frac{1}{4}} - 1)[(5^{\frac{1}{4}})^3 + (5^{\frac{1}{4}})^2 + (5^{\frac{1}{4}}) + 1]$

Let $5^{\frac{1}{4}} = x$

= $(x - 1)(x^3 + x^2 + x + 1)$

= $(x^4 - 1)$

= $(5^{\frac{1}{4}})^4 - 1$

= $5 - 1 = 4$

=> Ans - (B)

Question 3

Find 'x' if $\sqrt{(2 + 7x)} = \sqrt{(3x + 4)}$

A   0.5

B   1

C   1.5

D   2

Answer: A

Explanation:

Expression : $\sqrt{(2 + 7x)} = \sqrt{(3x + 4)}$

Squaring both sides, we get :

=> $2 + 7x = 3x + 4$

=> $7x - 3x = 4 - 2$

=> $4x = 2$

=> $x = \frac{2}{4} = 0.5$

=> Ans - (A)

Question 4

The product of two even consecutive numbers is 168. Find the sum of numbers.

A   20

B   22

C   24

D   26

Answer: D

Explanation:

Let the two consecutive even numbers be $x, (x + 2)$

Product = $x(x + 2) = 168$

=> $x^2 + 2x - 168 = 0$

=> $x^2 + 14x - 12x - 168 = 0$

=> $x(x + 14) - 12(x + 14) = 0$

=> $(x + 14)(x - 12) = 0$

=> $x = -14, 12$

$\because x$ cannot be negative, => $x = 12$

$\therefore$ Sum of numbers = $x + (x + 2) = 2x + 2$

= $2(12) + 2 = 24 + 2 = 26$

=> Ans - (D)

Question 5

A line DE parallel to the side BC intersects the other two sides of triangle at point D and E such that AD=$\frac{1}{6}$ AB and AE=$\frac{1}{6}$ AC. If the value of BC is 18 cm then calculate the value of DE (in cm).

A 2
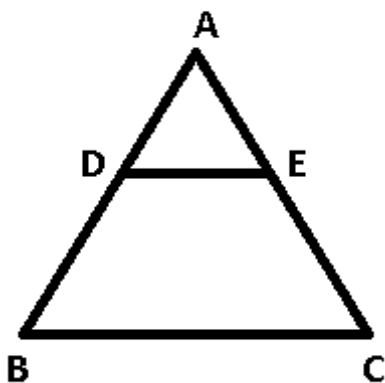
B 3

C 6

D 8

Answer: B

Explanation:

Given : AD=$\frac{1}{6}$ AB and AE=$\frac{1}{6}$ AC and BC = 18 cm

To find : DE = ?

Solution : In △ ADE and △ ABC,

∠ A = ∠ A   (Common Angle)

$\frac{AD}{AB} = \frac{AE}{AC} = \frac{1}{6}$ (Given)

∴ △ ADE ∼ △ ABC

=> $\frac{AD}{AB} = \frac{AE}{AC} = \frac{DE}{BC}$

=> $\frac{DE}{18} = \frac{1}{6}$

=> $DE = \frac{18}{6} = 3$ cm

=> Ans - (B)

Question 6

Consider the two equiangular triangles ABC and DEF having medians as AL and DM respectively as shown in figure below.
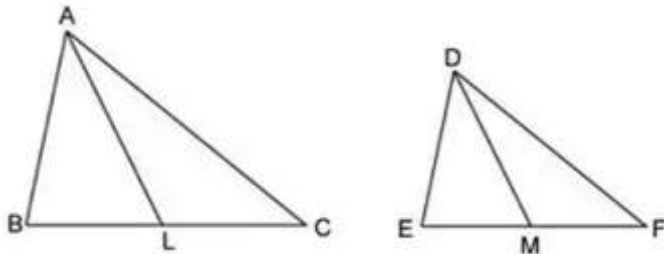
Choose the correct option for the above situation.

A $\frac{BC}{EF} = \frac{DM}{AL}$

B $\frac{BC}{EF} = \frac{AL}{DM}$

C $\frac{EF}{BC} = \frac{AL}{DM}$

D All options are Correct

 Answer: B

Explanation:

It is given that △ ABC and △ DEF are equiangular triangles, thus corresponding angles are equal.

=> △ ABC ∼ △ DEF

=> Ratio of perimeter = $\frac{AB}{DE} = \frac{BC}{EF} = \frac{AC}{DF}$ ------------(i)

Since, AL and DM are medians, => Ratio of perimeter of △ ABC to △ DEF = $\frac{AL}{DM}$ ----------(ii)

From, equations (i) and (ii), we get :

=> $\frac{BC}{EF} = \frac{AL}{DM}$

=> Ans - (B)

Question 7

The value of a car depreciates at the rate of 15% per annum. If its present value is Rs 433500, then what was the value (in Rs) of the car 2 years ago?

A 594200

B 620000

C 563550

D 600000

   Answer: D

Explanation:

Let value of car 2 years ago = Rs. x

Rate of depreciation = 15%

=> Current value of car = $x \times \left(1 - \frac{15}{100}\right) \times \left(1 - \frac{15}{100}\right) = 433500$

=> $x = 433500 \times \frac{100}{85} \times \frac{100}{85}$

=> $x = 60 \times 10000 = 600000$

$\therefore$ The value (in Rs) of the car 2 years ago = **Rs.6,00,000**

=> Ans - (D)

Question 8

If A : B : C = 2 : 3 : 5 and C : D = 2 : 5, then what is A : D?

A 4:25

B 8:21

C 6:25

D 12:35

   Answer: A

Explanation:

Given = A : B : C = 2 : 3 : 5 ------------(i)

and C : D = 2 : 5 ---------(ii)

'C' is common in both, thus we need to make it equal in both. Multiply equation (i) by 2 and equation (ii) by 5

=> $A : B : C = 4 : 6 : 10$

and $C : D = 10 : 25$

$\therefore A : D = 4 : 25$

=> Ans - (A)

Question 9

In a mixture of 35 litres, the ratio of water and acid is 6 : 1. If 5 litres of acid is added to the mixture, then what will be the ratio of water and acid in the new mixture?

A 5 : 2

B 4 : 1

C 3 : 1

D 6 : 5

Answer: C

Explanation:
Total quantity of mixture = 35 litres and ratio of water and acid is 6 : 1

=> Quantity of water = $\frac{6}{(6+1)} \times 35 = 30$ litres

Thus, quantity of acid = $35 - 30 = 5$ litres

Now 5 litres of acid is added to the mixture, => acid = $5 + 5 = 10$ litres

=> Ratio of water and acid in the new mixture = $\frac{30}{10} = 3 : 1$

=> Ans - (C)

Question 10

The average savings of Champak in 5 days is Rs 160. If his savings for the first 4 days is Rs 155, Rs 170, Rs 134 and Rs 168 respectively, then what is his saving (in Rs) of the 5th day?

A 161

B 163

C 169

D 173

Answer: D

Explanation:
Average savings of Champak in 5 days = Rs. 160

=> Total savings in 5 days = $5 \times 160 = Rs.\,800$

Savings of first 4 days = $155 + 170 + 134 + 168 = Rs.\,627$

=> Savings of 5th day = $800 - 627 = Rs.\ 173$

=> Ans - (D)

Question 11

A sum of Rs 6000 is borrowed at compound interest at the rate of 8% per annum. What will be the amount (in Rs) after 2 years?

A 6998.4

B 6960

C 6784.4

D 6869.4

Answer: A

Explanation:

Principal sum = Rs. 6000

Rate of interest = 8% and time period = 2 years

Amount under compound interest = $P(1 + \frac{R}{100})^T$

= $6000(1 + \frac{8}{100})^2$

= $6000(1 + \frac{2}{25})^2 = 6000(\frac{27}{25})^2$

= $6000 \times \frac{729}{625}$

= $9.6 \times 729 = Rs.\ 6998.4$

=> Ans - (A)

Question 12

Cost price of an article is Rs 122. If profit percentage is 56%, then what is the selling price (in Rs) of the article?

A 277.27

B 217.85

C 175.68

D 190.32

Answer: D

Explanation:

Cost price = Rs. 122

Profit % = 56%

=> Selling price = $122 + \left(\frac{56}{100} \times 122\right)$

= $122 + 68.32 = Rs.\ 190.32$

=> Ans - (D)

Question 13

On Selling a watch at $\frac{4}{5}$ of the marked price there is loss of 4%. What will be the ratio of the marked price and cost price of the watch?

A 6 : 5

B 5 : 3

C 10 : 7

D 7 : 5

Answer: A

Explanation:

Let marked price of the book = Rs. $50x$

=> Selling price = $\frac{4}{5} \times 50x = Rs.\ 40x$

Loss % = 4%

=> Cost price = $\frac{40x}{(100-4)} \times 100 = Rs.\ \frac{125x}{3}$

∴ Ratio of marked price and cost price of the book = $\frac{50x}{\frac{125x}{3}}$

= $(50 \times 3) : 125 = 6 : 5$

=> Ans - (A)

Question 14

What is the positive square root of $[19 + 4\sqrt{21}]$?

A $\sqrt{7} + 2\sqrt{3}$

B $\sqrt{3} + 2\sqrt{7}$

C $\sqrt{2} + 3\sqrt{7}$

D $\sqrt{7} + 3\sqrt{3}$

Answer: A

Explanation:

Expression : $[19 + 4\sqrt{21}]$?

$= [19 + 2\sqrt{4 \times 21}] = [19 + 2\sqrt{84}]$

$= 7 + 12 + 2\sqrt{7 \times 12}$

$= (7)^2 + (12)^2 + 2\sqrt{7 \times 12}$

Now, we know that $a^2 + b^2 + 2ab = (a + b)^2$

$= (\sqrt{7} + \sqrt{12})^2$

Thus, square root is $= \sqrt{7} + \sqrt{12}$

$= \sqrt{7} + 2\sqrt{3}$

=> Ans - (A)

Question 15

18 men or 25 boys can complete a work in 25 days. How many days will 36 men and 10 boys will take to complete the work?

A $\frac{112}{17}$

B $\frac{125}{12}$

C $\frac{115}{12}$

D $\frac{125}{17}$

Answer: B

Explanation:

Let time taken by 1 man to complete unit work $= m$ and by 1 boy $= bb$

18 men complete the work in 25 days, $=> m = \frac{1}{25 \times 18}$

Similarly, $b = \frac{1}{25 \times 25}$

Now, time taken by 36 men and 10 boys to complete unit work $= 36m + 10b$

$= (36 \times \frac{1}{25 \times 18}) + (10 \times \frac{1}{25 \times 25})$

$= \frac{2}{25} + \frac{2}{125}$

$= \frac{10+2}{125} = \frac{12}{125}$

$\therefore$ No. of days taken to finish the work $= \frac{125}{12}$

=> Ans - (B)

Question 16

Vipin crosses a 450 metres wide road in 9 seconds. What is his speed (in km/hr)?

A 195

B 150

C 210

D 180

Answer: D

Explanation:

Distance covered in 9 seconds = 450 m

Using, speed = distance/time

= $\frac{450}{9} = 50$ m/s

= $(50 \times \frac{18}{5}) = 180$ km/hr

=> Ans - (D)

Instructions

The line graph shows the number of vacancies for executives in a certain company. Study the diagram and answer the following questions.

Number of Vacancies
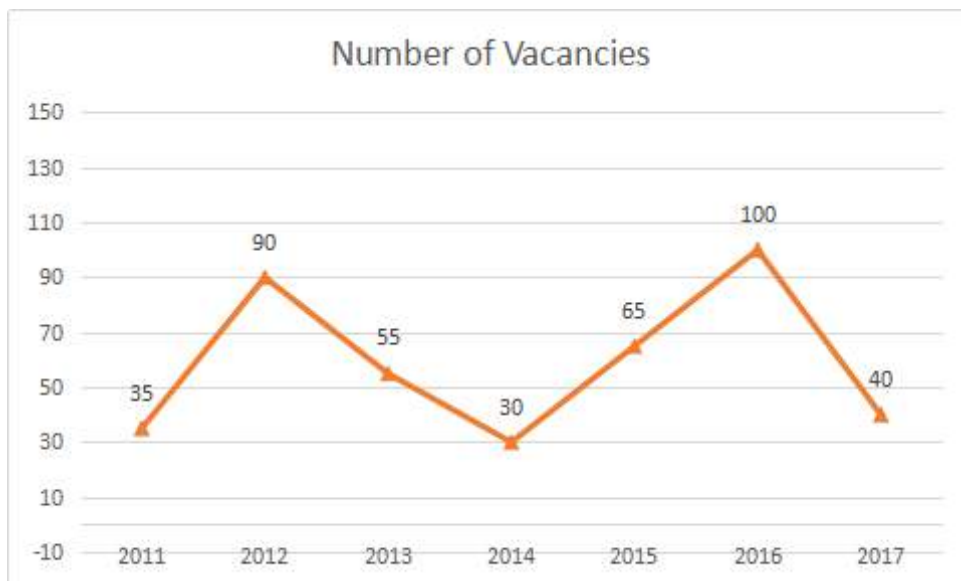
Question 17

In which year were the number of vacancies lesser than that of the previous year?

A 2015

B 2014

C 2016

D 2012

Answer: B

Explanation:

In the years 2013, **2014** and 2017, the number of vacancies lesser than that of the previous year.

=> Ans - (B)

Question 18

What was the difference in the number of vacancies between the years 2016 and 2014?

A   60

B   50

C   70

D   40

   Answer: C

Explanation:

Number of vacancies in 2016 = 100

Number of vacancies in 2014 = 30

=> Required difference = $100 - 30 = 70$

=> Ans - (C)

Question 19

The number of vacancies in 2014 were lesser than that in 2016 by _____.

A   1.167

B   0.7

C   0.6

D   2.333

   Answer: B

Explanation:

Number of vacancies in 2016 = 100

Number of vacancies in 2014 = 30

=> Required % = $\frac{(100-30)}{100} \times 100 = 70\% = 0.7$

=> Ans - (B)

Question 20

The salary of an executive in the company is Rs 30,000, then what was the increase in the expense (in Rs lakhs) due to salaries that had to be paid when posts were filled for the vacancies in the year 2017?

A   3

B   6

C   9

D   12

Answer: D

Explanation:

Number of vacancies in 2017 = 40

Salary of an executive in the company = Rs 30,000

=> Total expense (in Rs lakhs) = $40 \times 0.3 = 12$

=> Ans - (D)

Instructions

For the following questions answer them individually

Question 21

If the lengths of the two parallel sides of a trapezium are 8 cm and 10 cm and the distance between these parallel sides is 6 cm. Find its area $(in cm^2)$

A   27

B   108

C   54

D   81

Answer: C

Explanation:

Distance between parallel sides = height of trapezium = 6 cm

=> Sum of lengths of parallel sides = $8 + 10 = 18$ cm

=> Area of trapezium = $\frac{1}{2} \times$ (sum of parallel sides) $\times$ height

= $\frac{1}{2} \times 18 \times 6$

= $\frac{108}{2} = 54\, cm^2$

=> Ans - (C)

Question 22

If the diameter of a circle is 7 cm, then what will be its circumference (in cm)?

A 44

B 22

C 26

D 52

    Answer: B

Explanation:
Radius of circle = $r = \frac{7}{2} = 3.5$ cm

=> Circumference = $2\pi r$

= $2 \times \frac{22}{7} \times 3.5$

= $44 \times 0.5 = 22$ cm

=> Ans - (B)

Question 23

Find the volume $(in\, cm^3)$ of a cube of side 6.5 cm.

A 56.515

B 274.625

C 35.605

D 14.925

    Answer: B

Explanation:
Side of cube = $a = 6.5$ cm

=> Volume of cube = a^3

= $(6.5)^3 = 274.625\, cm^3$

=> Ans - (B)

Question 24

ΔDEF is right angled at E. If m∠D = $30°$, then find the value of $\left(\cos F + \sqrt{3}\right)$

A $\dfrac{7}{2\sqrt{3}}$

B $\dfrac{(1+2\sqrt{3})}{2}$

C $\dfrac{4}{\sqrt{3}}$

D $\dfrac{(\sqrt{3}+4)}{2}$

Answer: B

Explanation:
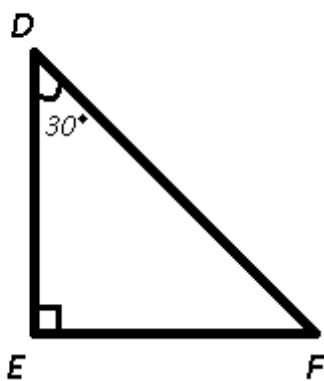
Sum of angles of $\triangle$ DEF = $\angle D + \angle E + \angle F = 180°$

=> $30° + 90° + \angle F = 180°$

=> $\angle F = 180° - 120° = 60°$

To find : $(\cos F + \sqrt{3})$

= $cos(60°) + \sqrt{3}$

= $\frac{1}{2} + \sqrt{3}$

= $\dfrac{(1+2\sqrt{3})}{2}$

=> Ans - (B)

Question 25

ΔDEF is right angled at E. If $\sin D = \frac{15}{17}$, **then what is the value of** $\cot F$ **?**

A $\dfrac{15}{17}$

B $\dfrac{8}{17}$

C $\dfrac{15}{8}$

D $\dfrac{17}{15}$

Answer: C

Explanation:
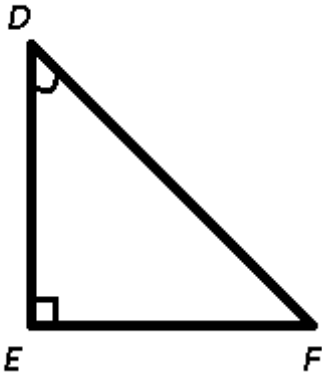
Given : $\sin D = \frac{15}{17}$

Also, $\sin D = \frac{EF}{DF} = \frac{15}{17}$

Let EF = 15 cm and DF = 17 cm

Thus, in △ DEF, => $(DE)^2 = (DF)^2 - (EF)^2$

=> $(DE)^2 = (17)^2 - (15)^2$

=> $(DE)^2 = 289 - 225 = 64$

=> $DE = \sqrt{64} = 8$ cm

To find : $\cot F = \frac{EF}{DE}$

= $\frac{15}{8}$

=> Ans - (C)

Reasoning

Instructions

For the following questions answer them individually

Question 26

In the following question, select the related word pair from the given alternatives.
Turtle : Reptile : : ? : ?

A   Snake : Amphibian

B   Frog : Bird

C   Crow : Fly

D   Elephant : Mammal

   Answer: D

Explanation:

Expression = Turtle : Reptile : : ? : ?

The first comes under the category of second, i.e. turtles are reptiles, similarly an elephant is a mammal.

Snakes are reptiles, crow is a bird and frog is an amphibian.

=> Ans - (D)

Question 27

In the following question, select the related number pair from the given alternatives.
16 : 48 : : ? : ?

A   25 : 75

B   11 : 32

C   25 : 64

D   49 : 72

Answer: A

Explanation:

Expression = 16 : 48 : : ? : ?

The numbers are of the form = $n : 3n$

Eg :- $3 \times 16 = 48$

Similar pattern is observed only in = $3 \times 25 = 75$

=> Ans - (A)

Question 28

In the following question, select the related letter/letters from the given alternatives.
APR : BQS : : ETV : ?

A   FVX

B   FUW

C   GUX

D   GVW

Answer: B

Explanation:

Expression = APR : BQS : : ETV : ?

The pattern followed is :

A	P	R
(+1)	(+1)	(+1)
B	Q	S

Similarly, for ETV : **FUW**

E	T	V
(+1)	(+1)	(+1)
F	U	W

=> Ans - (B)

Question 29

In the following question, select the odd word pair from the given alternatives.

A   Pen - Ink

B   Pen - Writer

C   Book - Pages

D   Word - Letter

   Answer: B

Explanation:
First is made by using second, pen is made up of ink, book of pages, and word is combination of letters, hence **Pen - Writer** is the odd one out.

=> Ans - (B)

Question 30

In the following question, four number pairs are given. The number on left side of (-) is related to the number on the right side of (-) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

A   7 - 14

B   11 - 22

C   5 - 10

D   3 - 8

   Answer: D

Explanation:

The second number is double of the first number.

$7 \times 2 = 14$

$11 \times 2 = 22$

$5 \times 2 = 10$

$3 \times 2 = 6 \neq 8$

=> Ans - (D)

Question 31

In the following question, select the odd letter/letters from the given alternatives.

A KRY

B DKR

C FMT

D LVZ

Answer: D

Explanation:

(A) : K (+7 letters) = R (+7 letters) = Y

(B) : D (+7 letters) = K (+7 letters) = R

(C) : F (+7 letters) = M (+7 letters) = T

(D) : L (**+10** letters) = V (**+4** letters) = Z

=> Ans - (D)

Question 32

From the given alternatives, according to dictionary, which word will come at SECOND position?
1. Conservative
2. Cooker
3. Conflict
4. Congratulate
5. Cool

A Conservative

B Congratulate

C Cooker

D Conflict

Answer: B

Explanation:
As per the order of dictionary :

= Conflict -> Congratulate -> Conservative -> Cooker -> Cool

Thus, the second word = **Congratulate**

=> Ans - (B)

Question 33

In the following question, select the missing number from the given series.
14, 19, 26, 37, 50, 67, ?

A   83

B   77

C   86

D   93

   Answer: C

Explanation:
Consecutive prime numbers are added.

14 + 5 = 19

19 + 7 = 26

26 + 11 = 37

37 + 13 = 50

50 + 17 = 67

67 + 19 = **86**

=> Ans - (C)

Question 34

A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
K, O, S, W, ?

A   A

B   Z

C   Y

D D

Answer: A

Explanation:

Series : K, O, S, W, ?

The pattern followed is :

K (+4 letters) = O (+4 letters) = S (+4 letters) = W (+4 letters) = **A**

=> Ans - (A0

Question 35

From a hospital J, Pritam walked 49 metres to the south, then after turning to right he walked 49 metres. He again turned right and walked another 34 metres and finally turned to right and walked 49 metres. At what distance (in metres) and in which direction is he from the hospital J now?

A 15, North

B 22√3, North

C 15, South

D 22√3, South

Answer: C

Question 36

From the given alternatives, select the word which CANNOT be formed using the letters of the given word. **Gramophone**

A Game

B Norm

C Ram

D Move

Answer: D

Explanation:

The word GRAMOPHONE does not contain any 'V', thus the term **Move** cannot be formed.

=> Ans - (D)

Question 37

In a certain code language, "Sun is hot" is written as "fi lat muk", "milk is sour" is written as "muk ti mu" and "milk makes sour" is written as "ti mu fa". What is the code for "is" in that code language?

A   ti

B   fa

C   muk

D   mu

Answer: C

Explanation:

"Sun is hot" is written as "fi lat muk"

"milk is sour" is written as "muk ti mu"

The common word in above statements is 'is' and the common code is = 'muk'

Thus, the code for '*is*' = '**muk**'

=> Ans - (C)

Question 38

A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
PCO, QDP, REQ, ?, TGS

A   TGS

B   SGR

C   SFR

D   TFS

Answer: C

Explanation:

Series : PCO, QDP, REQ, ?, TGS

The pattern followed in each letter of the terms is :

1st letter : P (+1 letter) = Q (+1 letter) = R (+1 letter) = S (+1 letter) = T

2nd letter : C (+1 letter) = D (+1 letter) = E (+1 letter) = F (+1 letter) = G

3rd letter : O (+1 letter) = P (+1 letter) = Q (+1 letter) = R (+1 letter) = S

Thus, missing term = **SFR**

=> Ans - (C)

Question 39

In the following question, select the missing number from the given series.
133, 136, 139, 142, ?, 148

A 146

B 145

C 144

D 147

    Answer: B

Explanation:
'3' is added to all the numbers.

133 + 3 = 136

136 + 3 = 139

139 + 3 = 142

142 + 3 = **145**

145 + 3 = 148

=> Ans - (B)

Question 40

In the following question , four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

A (57, 61, 65)

B (92, 96, 100)

C (63, 67, 71)

D (64, 68, 70)

    Answer: D

Explanation:
The numbers are of the form : $(x, x + 4, x + 8)$

But in the last option, we have = $64 + 8 = 72 \neq 70$

Thus, (64, 68, 70) is the odd one out.

=> Ans - (D)

Question 41

In a certain code language, '-' represents '+', '+' represents 'x', 'x' represents '÷' and '÷' represents '-'. Find out the answer to the following question.
20 + 6 x 5 ÷ 20 - 14 = ?

A 45

B 26

C 18

D 12

Answer: C

Explanation:
Expression : 20 + 6 x 5 ÷ 20 - 14 = ?

$$\equiv 20 \times 6 \div 5 - 20 + 14$$

$$= (4 \times 6) - 6$$

$$= 24 - 6 = 18$$

=> Ans - (C)

Question 42

The following equation is incorrect. Which two signs should be interchanged to correct the equation?
19 - 16 + 5 ÷ 10 x 2 = 28

A x and -

B ÷ and -

C ÷ and x

D - and +

Answer: C

Explanation:
When we interchange x and - , we get 19 x 16 + 5 ÷ 10 - 2 = 302.5. Option A is wrong.
When we interchange ÷ and - , we get 19 ÷ 16 + 5 - 10 x 2 = 16.1875. Option B is wrong.
When we interchange ÷ and x , we get 19 - 16 + 5 x 10 ÷ 2 = 25. Option C is correct.
When we interchange - and + , we get 19 + 6 - 5 ÷ 10 x 2 = 24. Option D is wrong.
Hence, option C is the correct answer.

Question 43

If 1&7 = 80, 4&5 = 90 and 6&8 = 140, then find the value of 5&5 = ?

A 40

B 100

C 20

D 90

Answer: B

Explanation:

Given : 1&7 = 80, 4&5 = 90 and 6&8 = 140

If we replace '&' with '+', and multiply the sum by 10, we get the desired result.

Eg :- $(1+7) \times 10 = 80$

and $(4+5) \times 10 = 90$ and $(6+8) \times 10 = 140$

Similarly, $(5+5) \times 10 = 100$

=> Ans - (B)

Question 44

Which of the following terms follows the trend of the given list?
XyXYXYXY, XYxYXYXY, XYXyXYXY, XYXYxYXY, XYXYXyXY, _____.

A xYXYXYXY

B XYXYXYxY

C XyXYXYXY

D XYxYXYXY

Answer: B

Explanation:

Expression : XyXYXYXY, XYxYXYXY, XYXyXYXY, XYXYxYXY, XYXYXyXY, _____.

The pattern followed is that there is a combination of 4 'XY' in which the letters starting from second position and in increasing order are small letters in each successive terms.

Thus, in the missing term, the second last alphabet is small, => **XYXYXYxY**

=> Ans - (B)

Question 45

Two cruisers start from the same port. Cruiser A sails 50 miles South, then it turns right and sails 60 miles. In the meanwhile cruiser B sails 105 miles West, then it turns left and sails 50 miles, then it turns West and sails 45 miles. Where is cruiser A with respect to cruiser B?

A   210 miles East

B   90 miles East

C   90 miles West

D   210 miles West

   Answer: B

Question 46

In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement I: All doors are windows
Statement II: No openings are windows

Conclusion I: All windows are openings
Conclusion II: No openings are doors

A   Only conclusion I follows

B   Only conclusion II follows

C   Both conclusions I and II follow

D   Neither conclusion I nor conclusion II follows

   Answer: B

Question 47

In the following figure, rectangle represents Reporters, circle represents Dancers, triangle represents Playwrights and square represents Boxers. Which set of letters represents Boxers who are Playwrights?
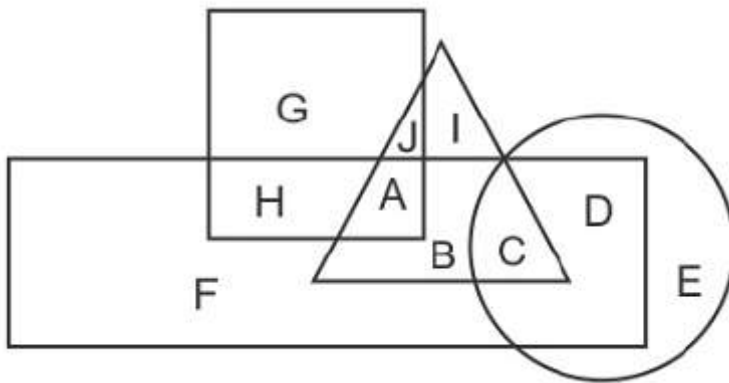
A   GH

B   JA

C   IB

D   BC

   Answer: B

Question 48

fig

A   fig 1

B   fig 2

C   fig 3

D   fig 4

   Answer: D

Question 49

fig

A   fig 1

B   fig 2

C   fig 3

D   fig 4

Answer: D

Question 50

fig

A   44,34,68,10

B   11,89,13,77

C   20,88,11,86

D   42,67,12,89

Answer: A

English

Instructions
For the following questions answer them individually

Question 51

Select the antonym of
stratagem

A   frankness

B   ruse

C   gimmick

D   ploy

Answer: A

Question 52

In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one, which best express the same sentence in Indirect/Direct speech.

The tutor said, "The sun rises in the East".

A   The tutor says the sun rises in the East.

B   The tutor said that the sun rose in the East.

C   The tutor said that the sun has been rising in the East.

D   The tutor said that the sun rises in the East.

   Answer: D

Question 53

Select the synonym of
to admonish

A   to reprimand

B   to rave

C   to panegyrize

D   to eulogise

   Answer: A

Question 54

In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

I don't think I shall (A)/get through all (B)/this work this afternoon.(C)/No error (D)

A   A

B   B

C   C

D   D

   Answer: D

Question 55

Select the antonym of divulgence

A testimony

B repudiation

C assent

D revelation

Answer: B

Question 56

Select the synonym of 'blabber'

A wary

B nonsense

C sophic

D sapient

Answer: B

Question 57

In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.
to hit the sack

A to prepare for sleep

B to die

C to take one's anger out

D to hit where it hurts the most

Answer: A

Question 58

Rearrange the parts of the sentence in correct order.
The current Indian
P-establishment's priorities
Q-independence of writers
R-do not include the

A RPQ

B QRP

C PRQ

D QPR

   Answer: C

Question 59

Select the word with the correct spelling.

A iminent

B mouerning

C laticed

D neoplasm

   Answer: D

Question 60

Improve the bracketed part of the sentence.
Your character depends on (your upbringing).

A how you were brought.

B your up bringing

C your way of upbringing.

D no improvement

   Answer: D

Question 61

In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.
Hocus pocus

A walking in a zig-zag manner, especially under the influence of alcohol

B meaningless talk or activity, typically designed to trick someone

C rich people but who are shallow and greedy

D doing a job haphazardly

Answer: B

Question 62

Select the word with the correct spelling.

A asyrian

B apustate

C marzipan

D cucamber

Answer: C

Instructions

In the following passage, some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

_____ democracies, citizens have command _____ who they want to be represented by as well as the competence to define issues worthy of representation. Outside the domain of often _____ party politics lies an entire terrain of collective action _____ which citizens press their collective will upon those _____ rule.

Question 63

_____ democracies

A In

B Into

C Inside

D Inner

Answer: C

Question 64

citizens have command _____

A on

B about

C over

D with

Answer: D

Question 65

Outside the domain of often _____ party

A smelly

B obnoxious

C odourful

D rancid

Answer: A

Question 66

politics lies an entire terrain of collective action _____

A through

B to

C into

D for

Answer: B

Question 67

which citizens press their collective will upon those _____ rule.

A   whom

B   which

C   whosoever

D   who

   Answer: D

Instructions
For the following questions answer them individually

Question 68

Improve the bracketed part of the sentence.
My daughter (is loving) Glucose biscuits.

A   has been loving

B   loves to

C   loves

D   no improvement

   Answer: C

Question 69

In the following question, a sentence has been given in Active/Passive voice. Out of four alternatives suggested, select the one, which best expresses the same sentence in Passive/Active voice.

Anita will arrange the dresses.

A   The dresses would be arranged by Anita.

B   The dresses would have been arranged by Anita.

C   The dresses would have had been arranged by Anita.

D   The dresses will be arranged by Anita.

   Answer: C

Question 70

In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Each day, the price of gold will _____ on the market.

A   fluctuate

B   wave

C   flutter

D   vibrate

   Answer: D

Question 71

In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

A _____education needs to include reading, writing, math, and a variety of other subjects.

A   organic

B   fundamental

C   primitive

D   radical

   Answer: A

Question 72

In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.
Respect and admiration.

A   peccant

B   culpable

C   vicious

D   esteem

   Answer: C

Question 73

In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.
Involving many carefully arranged parts or details; detailed and complicated in design and planning.

A labyrinthine

B facile

C elaborate

D prodigious

 Answer: B

Question 74

In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

He has seen (A)/some bad days (B)/but now he is well of.(C)/No error(D)

A A

B B

C C

D D

 Answer: A

Question 75

Rearrange the parts of the sentence in correct order.
What makes this "victory"
P-even more surprising was
Q-the complete asymmetry of
R-the two sides involved

A QRP

B RPQ

C PRQ

D PQR

Answer: D

General Awareness

Instructions

For the following questions answer them individually

Question 76

Which movie has won the most number of Oscars?

A Titanic

B Cabaret

C Jungle Book

D Avatar

Answer: A

Question 77

Chittorgarh Fort is in _____.

A Rajasthan

B Bihar

C Uttar Pradesh

D Gujarat

Answer: A

Question 78

Which organ is the main digester and absorber of food?

A Stomach

B Liver

C Colon

D Small intestine

Answer: D

Question 79

The bark of willow tree is a source of which medicine?

A Paracetamol

B Aspirin

C Antacid

D Antiseptic

Answer: B

Question 80

Capra Hircus is the scientific name of _____.

A Sheep

B Cow

C Horse

D Goat

Answer: D

Question 81

What does a catalyst do in a reaction?

A A catalyst is nothing but the final product of a reaction

B Does not alter the rate of reaction

C Speeds up chemical reaction

D Slows down chemical reaction

Answer: C

Question 82

Atomic number of which of the following elements is greater than that of Bromine

A Silver

B Copper

C Iron

D Chromium

   Answer: A

Question 83

Commonly used abbreviation GUI in computer science stands for?

A Group User Interface

B Graphic User Interface

C Graphic User Integration

D Group User Integration

   Answer: B

Question 84

Tamil is the official language of _____.

A Puducherry

B Dadra and Nagar Haveli

C Daman and Diu

D Delhi

   Answer: A

Question 85

A tyre tube manufacturer faces a -1.6 price elasticity of demand for its tubes. It is presently selling 24000 units/month. If it wants to increase quantity sold by 4%, it must lower its price by _____.

A 2.5 percent

B 5.6 percent

C 2.4 percent

D 6.4 percent

    Answer: A

Question 86

Consider the market for new two-wheelers. If the price of steel increases, then the equilibrium price of new two wheelers will _____ and the equilibrium quantity will _____.

A increase; increase

B decrease; decrease

C increase; decrease

D decrease; increase

    Answer: A

Question 87

Which type of pathogen causes the water-borne disease Ascariasis?

A Viral

B Protozoan

C Bacterial

D Parasitic

    Answer: D

Question 88

Which type of pathogen causes the water-borne disease Dysentery?

A Algal

B Parasitic

C   Protozoan

D   Bacterial

Answer: D

Question 89

What is the major electricity generation power source in India?

A   Coal

B   Gas

C   Nuclear

D   Hydro

Answer: A

Question 90

A person, who draws or makes maps or charts, is called _____.

A   Hydrographer

B   Cartographer

C   Seismographer

D   Cartogrammer

Answer: B

Question 91

Brihadeshwara Temple, Thanjavur is in _____.

A   Tamil Nadu

B   Assam

C   Bihar

D   Himachal Pradesh

Answer: A

Question 92

Salt March also known as Dandi March was initiated by _____.

A   Raja Ram Mohan Roy

B   Mahatma Gandhi

C   Avantikabai Gokhale

D   Kasturba Gandhi

Answer: B

Question 93

Chauri Chaura incident took place in?

A   1902

B   1912

C   1922

D   1932

Answer: C

Question 94

Who invented Telephone?

A   Alexander Graham Bell

B   Thomas Edison

C   Benjamin Franklin

D   James Watt

Answer: A

Question 95

Which instrument measures AF signal level and noise?

A   Vectorscope

B   VU meter

C   Q meter

D   Psophometer

   Answer: D

Question 96

If a physical quantity has the units - ampere meters per second squared, then what are it's dimensions?

A   [I LT-2]

B   [ALT-2]

C   [I MS-2]

D   [AMS-2]

   Answer: A

Question 97

The 42nd Amendment of the Constitution of India was enacted in the year _____.

A   1947

B   1977

C   1991

D   2016

   Answer: B

Question 98

The number of parliamentary seats (Rajya Sabha) of Chhattisgarh is _____.

A   3

B   5

C   11

D 16

Answer: B

Question 99

Which country's 7 swimmers were banned from the Rio Olympics?

A Russia

B Japan

C China

D USA

Answer: A

Question 100

Who is the author of "The Great Indian Novel"?

A Jawaharlal Nehru

B Shashi Tharoor

C Mahatma Gandhi

D Arun Shourie

Answer: B