

Exam Date	04/08/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Selection Post Phase X Graduate Level

Section : General Intelligence

Q.1 In a certain code language, 'ORANGE' is written as 'BSPFHO' and 'INCOME' is written as 'DOJFNP'. How will 'PARENT' be written in that language?

- Ans
- 1. SBQFOU
 - 2. SBQOUF
 - 3. SBQUFO
 - 4. SBQUOF

Question ID : 26433077658
Status : Answered
Chosen Option : 4

Q.2 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Eternal
2. Ether
3. Escape
4. Ethical
5. Escort
6. Eschew

- Ans
- 1. 6, 3, 5, 1, 2, 4
 - 2. 3, 6, 5, 1, 4, 2
 - 3. 3, 6, 5, 1, 2, 4
 - 4. 3, 6, 5, 2, 1, 4

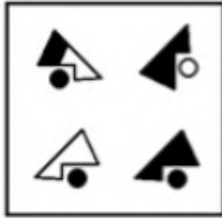
Question ID : 26433078148
Status : Answered
Chosen Option : 3

Q.3 Select the correct mirror image from the following options when the mirror is placed on the right side of the problem figure.



Ans

✗ 1.



✗ 2.



✓ 3.



✗ 4.



Question ID : 26433078505

Status : Answered

Chosen Option : 3

Q.4 In a code language, 'POCKET' is written as 'VGMEQR' and 'BUSH' is written as 'JUWD'. How will 'DESIRE' be written in that language?

Ans ✓ 1. GTKUGF

✗ 2. GTKVGE

✗ 3. GTJUGF

✗ 4. GTLVGF

Question ID : 26433068942

Status : Answered

Chosen Option : 1

Q.5 Which letter-cluster will replace the question mark (?) and complete the given series?
BIRD, DMTG, ?, HUXM, JYZP

- Ans
- 1. FQWJ
 - 2. FRVJ
 - 3. FQVJ
 - 4. FRWJ

Question ID : 26433078198
Status : Answered
Chosen Option : 3

Q.6 Select the option that represents the correct order of the given words as they would appear in an English dictionary.(Note: the given words may or may not be meaningful words).

- 1.Warm
- 2.Wealth
- 3.Welcome
- 4.Warning
- 5.Weapon

- Ans
- 1. 1, 5, 4, 2, 3
 - 2. 1, 3, 2, 5, 4
 - 3. 1, 4, 2, 5, 3
 - 4. 1, 2, 4, 5, 3

Question ID : 26433078078
Status : Answered
Chosen Option : 3

Q.7 In a certain code language, 'CHERRY' is written as 'CFAWPP' and 'LEMONS' is written as 'KCJQLM'. How will 'FRUITS' be written in that language?

- Ans
- 1. SPDQRG
 - 2. SPCQRF
 - 3. SPCQSG
 - 4. SPDQRF

Question ID : 26433078166
Status : Answered
Chosen Option : 1

Q.8 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

(6, 7, 27)
(3, 1, 6)

- Ans
- 1. (45, 2, 49)
 - 2. (2, 9, 23)
 - 3. (3, 6, 21)
 - 4. (2, 5, 13)

Question ID : 26433078766
Status : Not Answered
Chosen Option : --

Q.9 Mr. Ram said to Mr. Shyam, "Ms. Sudha is my wife's husband's father's only daughter."
Ms. Sudha is Ram's_____.

- Ans
- 1. daughter
 - 2. wife
 - 3. mother
 - 4. sister

Question ID : 26433077986
Status : Answered
Chosen Option : 4

Q.10 Three statements are given followed by three conclusions numbered I, II and III.
Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All T are P.

All C are P.

Some O are C.

Conclusions:

I. Some T are C.

II. Some P are T.

III. Some P are O.

- Ans
- 1. Either conclusion I or II follows
 - 2. Only conclusion I follows
 - 3. Both conclusions II and III follow
 - 4. Only conclusion II follows

Question ID : 26433078057
Status : Answered
Chosen Option : 3

Q.11 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/numbers of consonants/vowels in the word)
Virology : Viruses

- Ans
- 1. Zoology : Plants
 - 2. Palaeography : Writings
 - 3. Craniology : Kidney
 - 4. Entomology : Liver

Question ID : 26433077955
Status : Answered
Chosen Option : 2

Q.12 'ZXC'V' is related to 'XWDX' in a certain way based on the English alphabetical order. In the same way, 'POIU' is related to 'NNJW'. Which of the following is related to 'LKJH' using the same logic?

- Ans
- 1. NLIG
 - 2. NMIF
 - 3. NLIF
 - 4. NLIE

Question ID : 26433077942
Status : Answered
Chosen Option : 2

Q.13 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statement :

All Flowers are Leaves.

All Plants are Trees.

Some Trees are Flowers.

Conclusions:

(I) Some Leaves are Trees.

(II) Some Plants are Flowers.

(III) Some Leaves are Flowers.

- Ans
- 1. Both Conclusions II and III follow.
 - 2. Only Conclusion I follows.
 - 3. Both Conclusions I and II follow.
 - 4. Both Conclusions I and III follow.

Question ID : 26433068958

Status : Answered

Chosen Option : 4

Q.14 In a certain code language, 'ENOUGH' is written as '64' and 'PAIR' is written as '40'. How will 'FOCUS' be written in that language?

- Ans
- 1. 52
 - 2. 60
 - 3. 59
 - 4. 63

Question ID : 26433078032

Status : Answered

Chosen Option : 2

Q.15 Select the option that represents the letters which when sequentially placed from left to right in the blanks below will complete the letter series.

Z X _ V _ Z _ C _ B _ X _ V B _ X C _ B

- Ans
- 1. C B Y V Z C Z V
 - 2. C B X W Z C Z V
 - 3. C B Y W Z C Z V
 - 4. C B X V Z C Z V

Question ID : 26433067539

Status : Answered

Chosen Option : 4

Q.16 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Punjabi : Punjab

- Ans
- 1. Kuchipudi : Kerela
 - 2. Kathak : Karnataka
 - 3. Bhangra : Punjab
 - 4. Marathi : Maharashtra

Question ID : 26433065973

Status : Answered

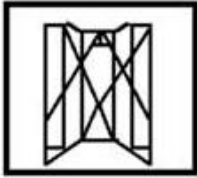
Chosen Option : 4

Q.17 Select the option in which the given figure is embedded (rotation is NOT allowed).

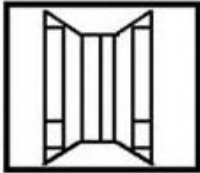


Ans

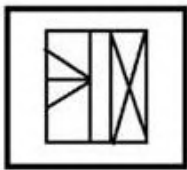
✗ 1.



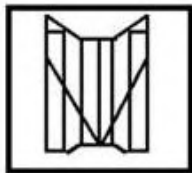
✓ 2.



✗ 3.



✗ 4.



Question ID : 26433078468

Status : Answered

Chosen Option : 2

Q.18 In a certain code language, 'MARKET' is written as 'PBKRXI' and 'STALL' is written as 'JIBQQ'. How will 'STORE' be written in that language?

Ans ✗ 1. JIKXN

✗ 2. XKNJI

✗ 3. JKIXN

✓ 4. JINKX

Question ID : 26433070333

Status : Not Answered

Chosen Option : --

Q.19 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word.)

Heart : Pump :: Kidney : ? _____

Ans ✗ 1. Distribute

✗ 2. Transfer

✓ 3. Filter

✗ 4. Circulate

Question ID : 26433067559

Status : Answered

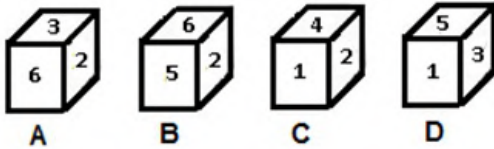
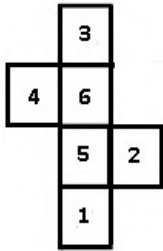
Chosen Option : 3

Q.20 Which of the following numbers will replace the question mark (?) in the given series?
7, 7, 5, 15, 11, 55, 49, 343, ?

- Ans 1. 335
 2. 365
 3. 332
 4. 340

Question ID : 26433078714
Status : Answered
Chosen Option : 1

Q.21 If the given sheet is folded to form a cube, which of the given figures is/are possible?



- Ans 1. A and C
 2. Only A
 3. A and B
 4. Only D

Question ID : 26433078475
Status : Answered
Chosen Option : 3

Q.22 Which two numbers (not the digits of the numbers) and two signs should be interchanged to make the given equation correct?
 $24 \div 8 + 2 - 7 \times 32 = 170$

- Ans 1. 8 and 32; + and \times
 2. 7 and 24; + and -
 3. 24 and 32; + and -
 4. 2 and 32; - and +

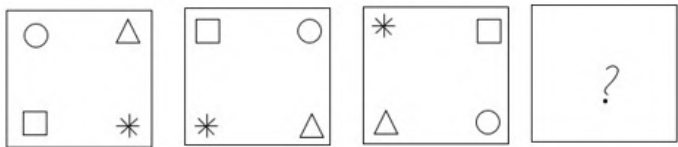
Question ID : 26433067609
Status : Answered
Chosen Option : 3

Q.23 'A # B' means 'A is the brother of B'.
 'A @ B' means 'A is the daughter of B'.
 'A & B' means 'A is the husband of B'.
 'A % B' means 'A is the wife of B'.
 If V & R @ F % H # T @ Q, then how is T related to R?

- Ans 1. Father's sister
 2. Husband's mother
 3. Son's wife
 4. Mother

Question ID : 26433078238
 Status : Answered
 Chosen Option : 1

Q.24 Select the figure that will replace the question mark (?) in the following series.



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 26433078435
 Status : Answered
 Chosen Option : 4

Q.25 In a certain code language, 'FIGHT' is written as '45' and 'VENT' is written as '57'. How will 'TREND' be written in that language?

- Ans 1. 62
 2. 71
 3. 56
 4. 43

Question ID : 26433078033
 Status : Answered
 Chosen Option : 3

Q.1 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.
Krishna never find a friend like Sudama again.

- Ans
- 1. never found a friend
 - 2. had never find a friend
 - 3. will never found a friend
 - 4. No improvement required

Question ID : 26433060761
Status : Answered
Chosen Option : 3

Q.2 Select the option that expresses the given sentence in passive voice.
Somebody stole my favourite shoes.

- Ans
- 1. My favourite shoes are stolen.
 - 2. My favourite shoes was stolen.
 - 3. My favourite shoes got stolen.
 - 4. My favourite shoes were stolen.

Question ID : 26433059224
Status : Answered
Chosen Option : 1

Q.3 Select the option that will improve the underlined part of the given sentence.

India went forward all odds and won the match against West Indies.

- Ans
- 1. against
 - 2. at
 - 3. among
 - 4. in

Question ID : 26433059036
Status : Answered
Chosen Option : 1

Q.4 Select the option that expresses the given sentence in passive voice.

Why would Celia burn the letter?

- Ans
- 1. Why is the letter burned by Celia?
 - 2. Why the letter burned by Celia?
 - 3. Why Celia would burn the letter?
 - 4. Why would the letter be burned by Celia?

Question ID : 26433059069
Status : Answered
Chosen Option : 4

Q.5 Select the option that expresses the given sentence in active voice.

Has the ban been lifted by the Defence Ministry?

- Ans
- 1. Has the Defence Ministry been lifted the ban?
 - 2. Has the Defence Ministry lifted the ban?
 - 3. Did the Defence Ministry have lifted the ban?
 - 4. Is the ban being lifted by the Defence Ministry?

Question ID : 26433058626

Status : Answered

Chosen Option : 2

Q.6 Select the sentence which does NOT have a spelling error.

- Ans
- 1. Tipu Sultan, the ruler of Mysore introduced eucalyptus in India to enhance the beauty of his garden in the 18th century.
 - 2. Tipu Sultan, the ruler of Mysore introduced eucaliptus in India to enhance the beauty of his garden in the 18th century.
 - 3. Tipu Sultan, the ruler of Mysore introduced eualyptus in India to enhance the beauty of his garden in the 18th century.
 - 4. Tipu Sultan, the ruler of Mysore introduced eukalyptus in India to enhance the beauty of his garden in the 18th century.

Question ID : 26433060926

Status : Answered

Chosen Option : 1

Q.7 Select the most appropriate synonym of the given word.

Abnegation

- Ans
- 1. Abduction
 - 2. Sacrifice
 - 3. Renouncement
 - 4. Materialism

Question ID : 26433059138

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.8 Select the option that expresses the given sentence in reported speech.

My mother said to me, "Don't tell a lie".

- Ans
- 1. My mother said me to told not a lie
 - 2. My mother forbade me from telling a lie.
 - 3. My mother forbade me not to tell a lie.
 - 4. My mother said me to tell not a lie.

Question ID : 26433076790

Status : Answered

Chosen Option : 2

Q.9 Select the most appropriate ANTONYM of the word frame from the given sentence:
It's a fact that Jiban's reading room is not a disrupting and hostile place to those readers who often disorganise their thoughts and find it difficult to frame their minds and arguments.

- Ans 1. disorganise
 2. difficult
 3. hostile
 4. disrupt

Question ID : 26433058555
Status : Marked For Review
Chosen Option : 1

Q.10 Select the most appropriate idiom from the following options that can substitute the underlined part of the given sentence.
The company considers this project as a prestigious one. So, it is ready to allow more money to be spent.

- Ans 1. Loosen the purse strings
 2. Grease someone's palm
 3. Hit the roof
 4. Lend someone a hand

Question ID : 26433058456
Status : Marked For Review
Chosen Option : 1

Q.11 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Last summer I went to my village, the place of my birth, to spend a short holiday.

- Ans 1. original village
 2. native village
 3. indigenous village
 4. local village

Question ID : 26433058582
Status : Answered
Chosen Option : 2

Q.12 Select the most appropriate meaning of the underlined word.

There are numerous anecdotes about famous personalities that exist in various parts of the world.

- Ans 1. Short accounts of real and interesting incidents
 2. Stories that express ideas through symbols
 3. Unconventional style of living
 4. Statements accepted as true without proof

Question ID : 26433058628
Status : Answered
Chosen Option : 1

Q.13 Select the most appropriate option to fill in the blank.
According to the traditions, Easter Sunday is celebrated by _____ part in an Easter vigil, lighting a new fire outside the church early on Sunday morning.

- Ans
- 1. taking
 - 2. being
 - 3. bearing
 - 4. making

Question ID : 26433060781
Status : Answered
Chosen Option : 1

Q.14 Select the most appropriate option to fill in the blank.
Filmmaking involves a number of discrete _____ including an initial story, idea or commission, through scriptwriting, casting, shooting, editing and screening the finished product before an audience that may result in a film release and exhibition.

- Ans
- 1. degrees
 - 2. grades
 - 3. stages
 - 4. plans

Question ID : 26433060783
Status : Answered
Chosen Option : 3

Q.15 Parts of the given sentence have been given as options. One of them contains a spelling error. Select the option that rectifies the error.

Earth has seen many drastic changes in its climate in the resent past.

- Ans
- 1. recent
 - 2. climate
 - 3. drastic
 - 4. changes

Question ID : 26433059576
Status : Answered
Chosen Option : 1

Comprehension:

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

When suited to each company's individual environment, online booking solutions provide (1)_____ benefits. To get the full benefits of online booking, businesses must develop a customised (2)_____ and apply it thoroughly. Companies that want to cut costs while providing simple booking options for tourists are increasingly using online booking tools (OBTs). Many factors impact online acceptance, ranging from the macroeconomic background to company culture, yet high adoption rates are feasible, (3)_____ when a full implementation approach is used. Companies must also carefully (4)_____ the benefits and drawbacks of adopting a single OBT or best-in-market OBTs regionally or locally, as well as whether to source directly or through reseller arrangements. Corporate online booking systems, when used correctly, enable businesses to achieve considerable savings while providing passengers with simple (5)_____ features.

SubQuestion No : 16

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

- Ans 1. worthless
 2. proven
 3. expensive
 4. uncertain

Question ID : **26433058757**
Status : **Answered**
Chosen Option : **2**

Comprehension:

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

When suited to each company's individual environment, online booking solutions provide (1)_____ benefits. To get the full benefits of online booking, businesses must develop a customised (2)_____ and apply it thoroughly. Companies that want to cut costs while providing simple booking options for tourists are increasingly using online booking tools (OBTs). Many factors impact online acceptance, ranging from the macroeconomic background to company culture, yet high adoption rates are feasible, (3)_____ when a full implementation approach is used. Companies must also carefully (4)_____ the benefits and drawbacks of adopting a single OBT or best-in-market OBTs regionally or locally, as well as whether to source directly or through reseller arrangements. Corporate online booking systems, when used correctly, enable businesses to achieve considerable savings while providing passengers with simple (5)_____ features.

SubQuestion No : 17

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

- Ans 1. product
 2. equity
 3. strategy
 4. innovation

Question ID : **26433058758**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

When suited to each company's individual environment, online booking solutions provide (1)_____ benefits. To get the full benefits of online booking, businesses must develop a customised (2)_____ and apply it thoroughly. Companies that want to cut costs while providing simple booking options for tourists are increasingly using online booking tools (OBTs). Many factors impact online acceptance, ranging from the macroeconomic background to company culture, yet high adoption rates are feasible, (3)_____ when a full implementation approach is used. Companies must also carefully (4)_____ the benefits and drawbacks of adopting a single OBT or best-in-market OBTs regionally or locally, as well as whether to source directly or through reseller arrangements. Corporate online booking systems, when used correctly, enable businesses to achieve considerable savings while providing passengers with simple (5)_____ features.

SubQuestion No : 18

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

- Ans 1. especially
 2. critically
 3. voluntarily
 4. efficiently

Question ID : 26433058759
Status : Answered
Chosen Option : 1

Comprehension:

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

When suited to each company's individual environment, online booking solutions provide (1)_____ benefits. To get the full benefits of online booking, businesses must develop a customised (2)_____ and apply it thoroughly. Companies that want to cut costs while providing simple booking options for tourists are increasingly using online booking tools (OBTs). Many factors impact online acceptance, ranging from the macroeconomic background to company culture, yet high adoption rates are feasible, (3)_____ when a full implementation approach is used. Companies must also carefully (4)_____ the benefits and drawbacks of adopting a single OBT or best-in-market OBTs regionally or locally, as well as whether to source directly or through reseller arrangements. Corporate online booking systems, when used correctly, enable businesses to achieve considerable savings while providing passengers with simple (5)_____ features.

SubQuestion No : 19

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

- Ans 1. prevent
 2. weigh
 3. disown
 4. obviate

Question ID : 26433058760
Status : Answered
Chosen Option : 1

Comprehension:

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

When suited to each company's individual environment, online booking solutions provide (1)_____ benefits. To get the full benefits of online booking, businesses must develop a customised (2)_____ and apply it thoroughly. Companies that want to cut costs while providing simple booking options for tourists are increasingly using online booking tools (OBTs). Many factors impact online acceptance, ranging from the macroeconomic background to company culture, yet high adoption rates are feasible, (3)_____ when a full implementation approach is used. Companies must also carefully (4)_____ the benefits and drawbacks of adopting a single OBT or best-in-market OBTs regionally or locally, as well as whether to source directly or through reseller arrangements. Corporate online booking systems, when used correctly, enable businesses to achieve considerable savings while providing passengers with simple (5)_____ features.

SubQuestion No : 20

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

- Ans
- 1. account
 - 2. utility
 - 3. quality
 - 4. service

Question ID : 26433058761

Status : Answered

Chosen Option : 2

Comprehension:

Read the given passage and answer the questions that follow.

Dolphins are small-toothed cetaceans easily recognisable by their curved mouths, which give them a permanent 'smile'. There are 36 dolphin species, found in every ocean. Most dolphins are marine and live in the ocean or brackish waters along coastlines. There are a few species, however, like the South Asian river dolphin and the Amazon river dolphin, or boto, that live in freshwater streams and rivers. The largest dolphin, the orca, can grow to be over 30 feet long. The smallest, the Maui dolphin, is just five feet long.

SubQuestion No : 21

Q.21 Identify the inference drawn from the passage

- Ans
- 1. Dolphins are found in oceans, rivers and streams.
 - 2. Dolphins are of various sizes
 - 3. There are few dolphin species
 - 4. Dolphins like to smile

Question ID : 26433065246

Status : Answered

Chosen Option : 3

Comprehension:

Read the given passage and answer the questions that follow.

Dolphins are small-toothed cetaceans easily recognisable by their curved mouths, which give them a permanent 'smile'. There are 36 dolphin species, found in every ocean. Most dolphins are marine and live in the ocean or brackish waters along coastlines. There are a few species, however, like the South Asian river dolphin and the Amazon river dolphin, or boto, that live in freshwater streams and rivers. The largest dolphin, the orca, can grow to be over 30 feet long. The smallest, the Maui dolphin, is just five feet long.

SubQuestion No : 22

Q.22 Select a suitable title for the passage.

- Ans
- 1. River dolphins
 - 2. Types of dolphins
 - 3. Ocean dolphins
 - 4. Dolphins

Question ID : 26433065244

Status : Answered

Chosen Option : 2

Comprehension:

Read the given passage and answer the questions that follow.

Dolphins are small-toothed cetaceans easily recognisable by their curved mouths, which give them a permanent 'smile'. There are 36 dolphin species, found in every ocean. Most dolphins are marine and live in the ocean or brackish waters along coastlines. There are a few species, however, like the South Asian river dolphin and the Amazon river dolphin, or boto, that live in freshwater streams and rivers. The largest dolphin, the orca, can grow to be over 30 feet long. The smallest, the Maui dolphin, is just five feet long.

SubQuestion No : 23

Q.23 Select the most appropriate ANTONYM of the given word.

Permanent

- Ans
- 1. Ephemeral
 - 2. Longer
 - 3. Lesser
 - 4. Shorter

Question ID : 26433065248

Status : Answered

Chosen Option : 4

Comprehension:

Read the given passage and answer the questions that follow.

Dolphins are small-toothed cetaceans easily recognisable by their curved mouths, which give them a permanent 'smile'. There are 36 dolphin species, found in every ocean. Most dolphins are marine and live in the ocean or brackish waters along coastlines. There are a few species, however, like the South Asian river dolphin and the Amazon river dolphin, or boto, that live in freshwater streams and rivers. The largest dolphin, the orca, can grow to be over 30 feet long. The smallest, the Maui dolphin, is just five feet long.

SubQuestion No : 24

Q.24 Select the option that is correct as per the information given in the passage.

- Ans
- 1. All dolphins are 30 feet long
 - 2. Dolphins are found only in the ocean
 - 3. There are 36 species of dolphins
 - 4. All dolphins smile

Question ID : 26433065245

Status : Answered

Chosen Option : 3

Comprehension:

Read the given passage and answer the questions that follow.

Dolphins are small-toothed cetaceans easily recognisable by their curved mouths, which give them a permanent 'smile'. There are 36 dolphin species, found in every ocean. Most dolphins are marine and live in the ocean or brackish waters along coastlines. There are a few species, however, like the South Asian river dolphin and the Amazon river dolphin, or boto, that live in freshwater streams and rivers. The largest dolphin, the orca, can grow to be over 30 feet long. The smallest, the Maui dolphin, is just five feet long.

SubQuestion No : 25

Q.25 Identify the tone of the passage.

- Ans
- 1. Biased
 - 2. Motivating
 - 3. Informative
 - 4. Acerbic

Question ID : 26433065247

Status : Answered

Chosen Option : 3

Section : Quantitative Aptitude

Q.1 $\frac{2\sin\theta}{\sqrt{4-4\sin^2\theta}} = \underline{\hspace{2cm}}$.

- Ans
- 1. $\tan\theta$
 - 2. $2\tan\theta$
 - 3. $\cot\theta$
 - 4. $2\cot\theta$

Question ID : 26433058172

Status : Answered

Chosen Option : 1

Q.2 A car travels from Lucknow to Kanpur at a speed of 65 km/h and returns at speed of 60 km/h. If the distance between Lucknow and Kanpur is 80 km, what is the average speed of the car during its whole journey?

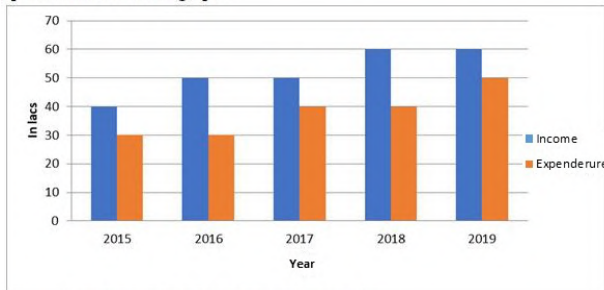
- Ans
- 1. 63.0 km/h
 - 2. 62.5 km/h
 - 3. 62.4 km/h
 - 4. 63.5 km/h

Question ID : 26433061646

Status : Answered

Chosen Option : 3

Q.3 The following graph shows the income and expenditure of a company. Study the graph carefully and answer the question based on the graph.



The ratio of the profit in 2015 to that in 2016 is:

- Ans**
- 1. 1 : 3
 - 2. 1 : 2
 - 3. 3 : 1
 - 4. 2 : 1

Question ID : 26433064044
 Status : Answered
 Chosen Option : 2

Q.4 Study the given table and answer the question that follows.

The table shows the production (in thousands) of four different types of tractors by a company during five years.

Year/Tractor Type	Type – A	Type – B	Type – C	Type – D
2010	18	25	12	19
2011	15	24	14	10
2012	23	13	17	13
2013	17	23	12	11
2014	14	26	20	18

In which year was the production of Type – B tractor maximum?

- Ans**
- 1. 2014
 - 2. 2012
 - 3. 2013
 - 4. 2010

Question ID : 26433061696
 Status : Answered
 Chosen Option : 1

Q.5 A and B can do a piece of work in 20 days and 25 days, respectively. They work on alternate days, starting with A till the work gets completed. How long (in days) would it take A and B to complete the work?

- Ans**
- 1. $23\frac{1}{5}$
 - 2. $22\frac{1}{5}$
 - 3. $23\frac{1}{3}$
 - 4. $22\frac{1}{3}$

Question ID : 26433063244
 Status : Answered
 Chosen Option : 2

Q.6 If $x^2 + \frac{1}{x^2} = 47$, $\left(x + \frac{1}{x}\right)$ is equal to:

Ans 1. 7, -7

2. 8, -8

3. 6, -6

4. 9, -9

Question ID : 26433056361

Status : Answered

Chosen Option : 1

Q.7 A car travels from P to Q at a speed of 45 km/h and from Q to R at a speed of 65 km/h. If the distance from P to Q is 60 km and the distance from Q to R is 100 km, what is the average speed of the car during its whole journey (correct up to two decimal places)?

Ans 1. 55.71 km/h

2. 54.71 km/h

3. 60.31 km/h

4. 61.31 km/h

Question ID : 26433061647

Status : Answered

Chosen Option : 1

Q.8 A dishonest dealer decided to sell his goods at cost price, but uses a weight of 960 grams for a kilogram weight. His gain percent is _____.

Ans 1. $4\frac{1}{6}\%$

2. $2\frac{1}{4}\%$

3. $1\frac{1}{4}\%$

4. $3\frac{1}{6}\%$

Question ID : 26433061202

Status : Answered

Chosen Option : 1

Q.9 A train requires 14 seconds to cross a pole while it requires 50 seconds to cross a 500 m long stationary train. Find the speed of the train correct up to two decimal places.

Ans 1. 13.89 m/sec

2. 13.09 m/sec

3. 12.89 m/sec

4. 12.09 m/sec

Question ID : 26433061688

Status : Answered

Chosen Option : 1

Q.10 P sells a mobile to Q at a loss of 10% and Q sells it to R at a profit of 25%. If R purchased the mobile for ₹45,000, what was the cost price of the mobile for P?

- Ans
- 1. ₹37,000
 - 2. ₹40,000
 - 3. ₹39,500
 - 4. ₹35,000

Question ID : 26433061659
Status : Answered
Chosen Option : 2

Q.11 If the length of a rectangle is increased by 30% and breadth is reduced by 15%, find the percent change in the area of the rectangle.

- Ans
- 1. 10.5% decrement
 - 2. 12.5% decrement
 - 3. 10.5% increment
 - 4. 12.5% increment

Question ID : 26433061648
Status : Answered
Chosen Option : 3

Q.12 Ranjeet spends 30% of his monthly salary on food, 15% of the remaining salary on clothes, 25% of the remaining salary on rent, and 20% of the remaining salary on fuel and still saves an amount of ₹5,355. What is Ranjeet's monthly salary?

- Ans
- 1. ₹12,000
 - 2. ₹15,000
 - 3. ₹20,000
 - 4. ₹17,000

Question ID : 26433061653
Status : Answered
Chosen Option : 2

Q.13 What will be the mean proportion between 25 and 64?

- Ans
- 1. 40
 - 2. 10
 - 3. 20
 - 4. 30

Question ID : 26433061259
Status : Answered
Chosen Option : 1

Q.14

If $\sqrt{5} = 2.24$, then find the value of $\sqrt{\frac{\sqrt{5}-1}{\sqrt{5}+1}}$.

- Ans
- 1. 0.62
 - 2. 0.59
 - 3. 0.68
 - 4. 0.55

Question ID : 26433056368
Status : Answered
Chosen Option : 1

Q.15 An item is sold on three successive discounts of 10%, 20% and 25%. If the selling price of the item is ₹2,592, then what is the marked price of the item?

- Ans
- 1. ₹5,200
 - 2. ₹4,900
 - 3. ₹5,000
 - 4. ₹4,800

Question ID : 26433058969
Status : Answered
Chosen Option : 4

Q.16 Anjali is designing a wall for a social cause. In 14 days, she completed $\frac{7}{11}$ of the work. In how many days will she complete the remaining work?

- Ans
- 1. 10
 - 2. 9
 - 3. 12
 - 4. 8

Question ID : 26433063334
Status : Answered
Chosen Option : 4

Q.17 In how many years will a sum of ₹800 at 30% p.a. compounded half-yearly become ₹1216.70?

- Ans
- 1. 1.5 years
 - 2. 1 year
 - 3. 2.5 years
 - 4. 2 years

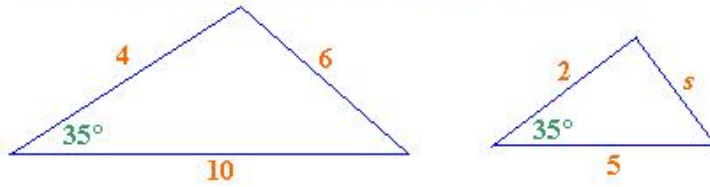
Question ID : 26433061681
Status : Answered
Chosen Option : 1

Q.18 The average of 7 numbers is 4.75. Out of these, the average of two numbers is 4.5 and the average of three numbers is 5.25. What is the average of the remaining two numbers?

- Ans
- 1. 3.15
 - 2. 3.25
 - 3. 4.25
 - 4. 4.65

Question ID : 26433061640
Status : Answered
Chosen Option : 3

Q.19 Observe the given figure and find the value of s .



- Ans
- 1. 1.5
 - 2. 2.3
 - 3. 3.2
 - 4. 4.4

Question ID : 26433057152
Status : Answered
Chosen Option : 2

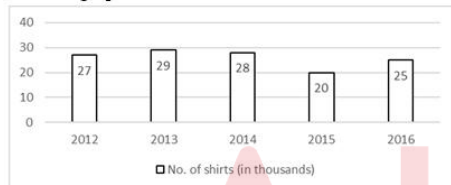
Q.20 Find the volume of a cuboid with dimensions 7 cm, 11 cm, and 15 cm.

- Ans
- 1. 1150 cm^3
 - 2. 1155 cm^3
 - 3. 1165 cm^3
 - 4. 1145 cm^3

Question ID : 26433061704
Status : Answered
Chosen Option : 2

Q.21 Study the given bar-graph and answer the question that follows.

The bar-graph shows the number of shirts manufactured (in thousands) by a company during five years.



In how many years was the production of shirts less than the average production in five years?

- Ans
- 1. 3
 - 2. 2
 - 3. 1
 - 4. 4

Question ID : 26433061700
Status : Answered
Chosen Option : 3

Q.22 Rohan buys 5 kg of sugar for ₹44 per kg and another 10 kg of sugar for ₹50 per kg. What is the cost of the mixture of 15 kg of sugar for him?

- Ans
- 1. ₹49
 - 2. ₹48
 - 3. ₹47
 - 4. ₹45

Question ID : 26433061642
Status : Answered
Chosen Option : 2

Q.23 Simplify.

$$\frac{1}{\cos x} \sqrt{\frac{\cos(\pi + x) \cos(-x)}{\sin(\pi - x) \cos\left(\frac{\pi}{2} + x\right)}}$$

- Ans
- 1. $\sec x$
 - 2. $\tan x$
 - 3. $\operatorname{cosec} x$
 - 4. $\cot x$

Question ID : 26433061710
Status : Answered
Chosen Option : 3

Q.24 In a triangle, if the angles are in the ratio 1 : 2 : 3, then the ratio of the corresponding sides is:

- Ans
- 1. 1 : 1 : 2
 - 2. 1 : 2 : $\sqrt{3}$
 - 3. 1 : $\sqrt{3}$: 2
 - 4. 1 : 2 : 3

Question ID : 26433058162
Status : Answered
Chosen Option : 3

Q.25 Find the value of $a^2 + b^2 + c^2 - 2ab + 2ac - 2bc$, if $a = x + y$, $b = x - y$ and $c = 2x - 1$.

- Ans
- 1. $(x - y - 1)^2$
 - 2. 0
 - 3. $(2x + 2y - 1)^2$
 - 4. $(2x - 2y - 1)^2$

Question ID : 26433056893
Status : Answered
Chosen Option : 3

Section : General Awareness

Q.1 Which of the following is NOT a 'Gharana' in the Kathak dance form of India?

- Ans
- 1. Jaipur
 - 2. Allahabad
 - 3. Benaras
 - 4. Raigarh

Question ID : 26433070815
Status : Answered
Chosen Option : 2

Q.2 Who as the Governor, administered Oath to the Chief Minister of Kerala Pinarayi Vijayan in 2021?

- Ans
- 1. Shri Kalraj Mishra
 - 2. Shri BiswaBhusanHarichandan
 - 3. Shri Srinivas Dadasaheb Patil
 - 4. Shri Arif Mohammed Khan

Question ID : 26433077386
Status : Answered
Chosen Option : 4

Q.3 The Union Public Service Commission annually presents its report to the _____.

- Ans
- 1. Chairman of the Rajya Sabha
 - 2. Parliament
 - 3. President
 - 4. Speaker of the Lok Sabha

Question ID : 26433077123
Status : Answered
Chosen Option : 3

Q.4 Identify the statement that is true for London forces.

- Ans
- 1. These forces are non-attractive, and the interaction energy is directly proportional to the sixth power of the distance between two interacting particles.
 - 2. These forces are always attractive, and the interaction energy is inversely proportional to the second power of the distance between two interacting particles.
 - 3. These forces are always attractive, and the interaction energy is inversely proportional to the sixth power of the distance between two interacting particles.
 - 4. These forces are always attractive, and the interaction energy is directly proportional to the sixth power of the distance between two interacting particles.

Question ID : 26433077226
Status : Answered
Chosen Option : 3

Q.5 Vishnushastri Chiplunkar started a monthly Marathi magazine _____, in 1874 for the cause of social reform.

- Ans
- 1. Prabhakar
 - 2. Kesari
 - 3. Nibandhmala
 - 4. Pudhari

Question ID : 26433077031
Status : Not Answered
Chosen Option : --

Q.6 Which sodium salt of glutamic acid is commonly added to Chinese food, canned vegetables, soups and processed meats to enhance the flavour?

- Ans
- 1. Sodium carbonate
 - 2. Monosodium glutamate
 - 3. Gloxazone
 - 4. Metasodium glutamate

Question ID : 26433077209
Status : Answered
Chosen Option : 2

Q.7 Which of the following chemical compound is used as a yeast de-foaming agent, commonly found in butter, meat, cereals, chewing gum, baked goods, snack foods, dehydrated potatoes and beer?

- Ans 1. Butylated hydroxyanisole
 2. Chlorobenzoate
 3. Potassium Nitrate (PN)
 4. Benzene hexachloride

Question ID : 26433077280
Status : Answered
Chosen Option : 1

Q.8 On the eve of the 73rd Republic Day, Neeraj Chopra was awarded which of the following medals by the President of India?

- Ans 1. Param Vishisht Seva Medal
 2. Vishisht Seva Medal
 3. Sena Medal
 4. Ati Vishisht Seva Medal

Question ID : 26433077321
Status : Answered
Chosen Option : 1

Q.9 As of January 2022, which of the following Indian festivals is the latest to be inscribed in the UNESCO Representative List of the Intangible Cultural Heritage of Humanity?

- Ans 1. Holi
 2. Durga Puja
 3. Navroz
 4. Ram Navami

Question ID : 26433076938
Status : Answered
Chosen Option : 2

Q.10 When was the All India Khilafat Conference held in Delhi?

- Ans 1. February 1920
 2. January 1920
 3. November 1919
 4. December 1919

Question ID : 26433077045
Status : Marked For Review
Chosen Option : 4

Q.11 Which of the following committees was formed to estimate poverty in India?

- Ans 1. Y.V. Reddy Committee
 2. PK Mohanty Committee
 3. Abid Hussain Committee
 4. Tendulkar committee

Question ID : 26433065405
Status : Not Answered
Chosen Option : --

Q.12 The Bahishkrit Hitakarini Sabha was established at _____.

- Ans
- 1. Hyderabad
 - 2. Bombay
 - 3. Delhi
 - 4. Nasik

Question ID : 26433077039
Status : Answered
Chosen Option : 2

Q.13 Under which of the following Articles of the Constitution of India is the provision that no person shall be prosecuted and punished for the same offence more than once laid down?

- Ans
- 1. Article 20
 - 2. Article 17
 - 3. Article 19
 - 4. Article 18

Question ID : 26433077093
Status : Answered
Chosen Option : 1

Q.14 Which is NOT correct about the powers of the Chief Minister?

- Ans
- 1. He allocates portfolios among ministers.
 - 2. He presides over the meetings of the Council of Ministers.
 - 3. When he resigns or dies, it has no effect in the functioning of the council of ministers.
 - 4. The Governor appoints ministers on his recommendations.

Question ID : 26433077115
Status : Answered
Chosen Option : 3

Q.15 Given here is data of the percentage of people living below the poverty line in different areas (2011-12). Match the following correctly.

Area	Person's percentage of Below poverty line
1. Rural areas	a. 21.9 %
2. Urban areas	b. 25.7%
3. Whole country	c. 13.7%

- Ans
- 1. 1-a, 2-b, 3-c
 - 2. 1-c, 2-b, 3-a
 - 3. 1-c, 2-a, 3-b
 - 4. 1-b, 2-c, 3-a

Question ID : 26433076955
Status : Answered
Chosen Option : 4

Q.16 Sarbananda Sonowal handles which ministry (As on 31 December 2021)?

- Ans
- 1. Ministry of Minority Affairs
 - 2. Ministry of Education
 - 3. Ministry of Social Justice and Empowerment
 - 4. Ministry of Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy (AYUSH)

Question ID : 26433077315
Status : Answered
Chosen Option : 4

Q.17 To which type of vegetation do Silver fir, junipers, pines and birches belong commonly in India?

- Ans
- 1. Thorn forests and scrubs
 - 2. Montane forests
 - 3. Mangrove forests
 - 4. Tropical evergreen forests

Question ID : 26433076976
Status : Not Answered
Chosen Option : --

Q.18 The Green Revolution in India was initiated by MS Swaminathan in _____.

- Ans
- 1. 1980's
 - 2. 1970's
 - 3. 1960's
 - 4. 1990's

Question ID : 26433076996
Status : Answered
Chosen Option : 2

Q.19 Who was given the Filmfare award for Best Choreography for the film Bajirao Mastani in 2016?

- Ans
- 1. Charu Sija Mathur
 - 2. Mrinalini Sarabhai
 - 3. Raja Reddy
 - 4. Birju Maharaj

Question ID : 26433071638
Status : Not Answered
Chosen Option : --

Q.20 The PM SVANidhi scheme launched by the Ministry of Housing and Urban Affairs is for which of the following sections of the society?

- Ans
- 1. Street vendors affected by COVID-19
 - 2. Widows affected by COVID-19
 - 3. Orphaned Children affected by COVID-19
 - 4. Migrant Workers affected by COVID-19

Question ID : 26433077333
Status : Answered
Chosen Option : 1

Q.21 Which king of the Pala dynasty defeated Indrayudh and made Chakrayudha as the ruler of Kannauj?

- Ans
- 1. Dharmapala
 - 2. Mahendrapala
 - 3. Devapala
 - 4. Gopala

Question ID : 26433077060
Status : Not Answered
Chosen Option : --

Q.22 'Surakshit Hum Surakshit Tum Abhiyaan' was launched by which of the following institutions?

- Ans
- 1. NITI Aayog and bill and Melinda Gates Foundation
 - 2. Ministry of Women and Child Development and Piramal Foundation
 - 3. Ministry of Women and Child Development and Bill and Melinda Gates Foundation
 - 4. NITI Aayog and Piramal Foundation

Question ID : 26433077404
Status : Answered
Chosen Option : 3

Q.23 According to Nebular hypothesis, how does a galaxy form?

- Ans
- 1. By a fission reaction of hydrogen gas
 - 2. By the accumulation of hydrogen gas in the form of a very large cloud called nebula
 - 3. By the accumulation of oxygen gas
 - 4. By the accumulation of oxygen gas in the form of a very large cloud called nebula

Question ID : 26433077255
Status : Answered
Chosen Option : 2

Q.24 Which of the following novels is the first in the series of the trilogy written by Akshat Gupta?

- Ans
- 1. The Hidden Hindu
 - 2. Scion of Ikshvaku
 - 3. The Immortals of Meluha
 - 4. 7 Secrets of the Goddess

Question ID : 26433076911
Status : Not Answered
Chosen Option : --

Q.25 The Barabar caves, one of the oldest examples of Buddhist rock-cut architecture, are located in which of the following states?

- Ans
- 1. Maharashtra
 - 2. Bihar
 - 3. Uttar Pradesh
 - 4. Odisha

Question ID : 26433076895
Status : Answered
Chosen Option : 1