

Phase X/2022/Selection Posts and Selection Posts/Ladakh/2022

Roll Number	
Candidate Name	
Venue Name	Sri Balaji College Of Engineering And Technology
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 '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. Mother
☒ 3. Husband's mother
☒ 4. Son's wife

Question ID : 26433078238
Status : Not Answered
Chosen Option : --

Q.2 Which of the following numbers will replace the question mark (?) in the given series?
7, 7, 5, 15, 11, 55, 49, 343, ?

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

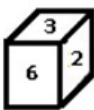
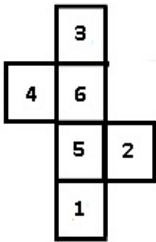
Question ID : 26433078714
Status : Not Answered
Chosen Option : --

Q.3 श्री राम ने श्री श्याम से कहा, "सुश्री सुधा मेरी पत्नी के पति के पिता की इकलौती बेटी है।" सुश्री सुधा, राम की _____ है।

- Ans ☒ 1. बहन
☒ 2. बेटी
☒ 3. माता
☒ 4. पत्नी

Question ID : 26433077986
Status : Answered
Chosen Option : 1

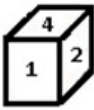
Q.4 If the given sheet is folded to form a cube, which of the given figures is/are possible?



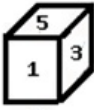
A



B



C



D

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

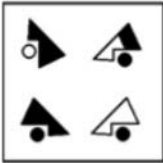
Question ID : 26433078475
Status : Answered
Chosen Option : 1

Q.5 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. JINKX
☒ 2. XKNJI
☒ 3. JKIXN
☒ 4. JIKXN

Question ID : 26433070333
Status : Answered
Chosen Option : 1

Q.6 Select the correct mirror image from the following options when the mirror is placed on the right side of the problem figure.



Ans

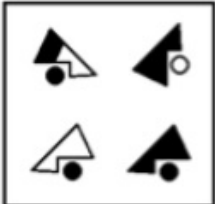
✗ 1.



✗ 2.



✗ 3.



✓ 4.



Question ID : 26433078505

Status : Answered

Chosen Option : 4

Q.7 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. 3, 6, 5, 1, 4, 2

✗ 2. 6, 3, 5, 1, 2, 4

✓ 3. 3, 6, 5, 1, 2, 4

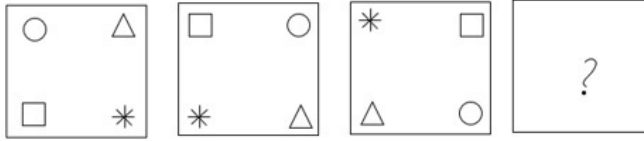
✗ 4. 3, 6, 5, 2, 1, 4

Question ID : 26433078148

Status : Answered

Chosen Option : 3

Q.8 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 : 3

Q.9 Which letter-cluster will replace the question mark (?) and complete the given series?
BIRD, DMTG, ?, HUXM, JYZP

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

Question ID : 26433078198
Status : Answered
Chosen Option : 1

Q.10 उस विकल्प का चयन कीजिए जो तीसरे शब्द से उसी प्रकार संबंधित है जिस प्रकार दूसरा शब्द पहले शब्द से संबंधित है। (शब्दों को अर्थपूर्ण अंग्रेजी शब्दों के रूप में माना जाना चाहिए और शब्द में अक्षरों की संख्या/व्यंजनों/स्वरों की संख्या के आधार पर शब्दों एक-दूसरे से संबंधित नहीं होने चाहिए।)
हृदय : पम्प करना :: गुर्दा : ?

- Ans ✓ 1. फ़िल्टर करना
- ✗ 2. स्थानांतरण करना
- ✗ 3. वितरित करना
- ✗ 4. प्रसारित करना

Question ID : 26433067559
Status : Answered
Chosen Option : 1

Q.11 '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. NLIE
 - ☒ 4. NLIF

Question ID : 26433077942
Status : Not Answered
Chosen Option : --

Q.12 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. SBQOUF
 - ☒ 2. SBQFOU
 - ☒ 3. SBQUFO
 - ☒ 4. SBQUOF

Question ID : 26433077658
Status : Answered
Chosen Option : 4

Q.13 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. Craniology : Kidney
 - ☒ 2. Palaeography : Writings
 - ☒ 3. Zoology : Plants
 - ☒ 4. Entomology : Liver

Question ID : 26433077955
Status : Answered
Chosen Option : 3

Q.14 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. SPCQSG
 - ☒ 2. SPDQRF
 - ☒ 3. SPDQRG
 - ☒ 4. SPCQRF

Question ID : 26433078166
Status : Not Answered
Chosen Option : --

Q.15 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. Kathak : Karnataka
 - ☐ 2. Kuchipudi : Kerela
 - ☒ 3. Marathi : Maharashtra
 - ☐ 4. Bhangra : Punjab

Question ID : 26433065973
Status : Answered
Chosen Option : 3

Q.16 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, 2, 4, 5, 3
 - ☐ 2. 1, 3, 2, 5, 4
 - ☒ 3. 1, 4, 2, 5, 3
 - ☐ 4. 1, 5, 4, 2, 3

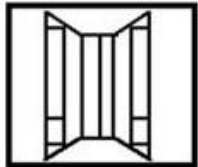
Question ID : 26433078078
Status : Answered
Chosen Option : 3

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



Ans

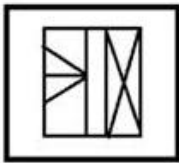
✓ 1.



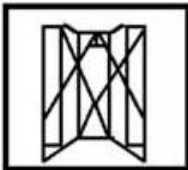
✗ 2.



✗ 3.



✗ 4.



Question ID : 26433078468
Status : Answered
Chosen Option : 1

Q.18 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. GTLVGF
 - ✗ 2. GTKVGE
 - ✗ 3. GTJUGF
 - ✓ 4. GTKUGF

Question ID : 26433068942
Status : Not Answered
Chosen Option : --

Q.19 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. 43
 - ✓ 3. 56
 - ✗ 4. 71

Question ID : 26433078033
Status : Answered
Chosen Option : 3

Q.20 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. Both Conclusions I and II follow.
☒ 3. Both Conclusions I and III follow.
☒ 4. Only Conclusion I follows.

Question ID : 26433068958

Status : Answered

Chosen Option : 3

Q.21 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. 24 and 32; + and -
☒ 2. 2 and 32; - and +
☒ 3. 7 and 24; + and -
☒ 4. 8 and 32; ÷ and ×

Question ID : 26433067609

Status : Answered

Chosen Option : 1

Q.22 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 X V Z C Z V
☒ 2. C B Y W Z C Z V
☒ 3. C B X W Z C Z V
☒ 4. C B Y V Z C Z V

Question ID : 26433067539

Status : Answered

Chosen Option : 1

Q.23 उस समुच्चय का चयन कीजिए जिसमें संख्याएँ एक-दूसरे से उसी प्रकार संबंधित हैं जिस प्रकार निम्नलिखित समुच्चय की संख्याएँ आपस में संबंधित हैं।
(नोट: संख्याओं को उसके घटक अंकों में विभाजित किए बिना, पूर्ण संख्याओं पर गणितीय संक्रियाएं की जानी चाहिए। उदाहरण के लिए 13 - संख्या 13 पर गणितीय संक्रियाएं जैसे कि जोड़ना / घटाना / गुणा करना आदि को 13 से किया जा सकता है। 13 को 1 और 3 में तोड़ना और फिर 1 और 3 पर गणितीय संक्रियाएँ करने की अनुमति नहीं है)
(6, 7, 27)
(3, 1, 6)

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

Question ID : 26433078766

Status : Not Answered

Chosen Option : --

Q.24 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. Only conclusion II follows
☒ 2. Both conclusions II and III follow
☒ 3. Either conclusion I or II follows
☒ 4. Only conclusion I follows

Question ID : 26433078057
Status : Answered
Chosen Option : 2

Q.25 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 : 4

Section : English Language

Q.1 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. native village
☒ 2. original village
☒ 3. indigenous village
☒ 4. local village

Question ID : 26433058582
Status : Answered
Chosen Option : 1

Q.2 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. being
☒ 2. making
☒ 3. bearing
☒ 4. taking

Question ID : 26433060781
Status : Answered
Chosen Option : 2

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

Question ID : 26433058628
Status : Answered
Chosen Option : 2

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

Question ID : 26433058626
Status : Answered
Chosen Option : 1

Q.5 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. will never found a friend
 - ☒ 3. had never find a friend
 - ☒ 4. No improvement required

Question ID : 26433060761
Status : Answered
Chosen Option : 1

Q.6 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. climate
 - ☒ 2. changes
 - ☒ 3. recent
 - ☒ 4. drastic

Question ID : 26433059576
Status : Answered
Chosen Option : 3

Q.7 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. disrupt
 - ☒ 2. hostile
 - ☒ 3. difficult
 - ☒ 4. disorganise

Question ID : **26433058555**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the most appropriate synonym of the given word.
Abnegation

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

Question ID : **26433059138**
Status : **Answered**
Chosen Option : **1**

Q.9 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 forbade me from telling a lie.
 - ☒ 2. My mother forbade me not to tell a lie.
 - ☒ 3. My mother said me to told not a lie
 - ☒ 4. My mother said me to tell not a lie.

Question ID : **26433076790**
Status : **Answered**
Chosen Option : **1**

Q.10 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. among
 - ☒ 2. at
 - ☒ 3. against
 - ☒ 4. in

Question ID : **26433059036**
Status : **Answered**
Chosen Option : **3**

Q.11 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. plans
 - ☒ 2. stages
 - ☒ 3. grades
 - ☒ 4. degrees

Question ID : **26433060783**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the option that expresses the given sentence in passive voice.
Somebody stole my favourite shoes.

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

Question ID : 26433059224
Status : Answered
Chosen Option : 1

Q.13 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. Hit the roof
- ☒ 2. Loosen the purse strings
- ☐ 3. Grease someone's palm
- ☐ 4. Lend someone a hand

Question ID : 26433058456
Status : Answered
Chosen Option : 1

Q.14 Select the sentence which does NOT have a spelling error.

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

Question ID : 26433060926
Status : Answered
Chosen Option : 4

Q.15 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 would the letter be burned by Celia?
- ☐ 3. Why Celia would burn the letter?
- ☐ 4. Why the letter burned by Celia?

Question ID : 26433059069
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 : 16

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

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

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. equity
☒ 2. strategy
☒ 3. product
☒ 4. innovation

Question ID : **26433058758**
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 : 18

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

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

Question ID : **26433058759**
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 : 19

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

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

Question ID : **26433058760**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
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. quality
☒ 2. service
☒ 3. utility
☒ 4. account

Question ID : 26433058761
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 : 21

Q.21 Select the most appropriate ANTONYM of the given word.

Permanent

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

Question ID : 26433065248
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 : 22

Q.22 Select the option that is correct as per the information given in the passage.

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

Question ID : 26433065245
Status : Answered
Chosen Option : 1

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 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 : 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 Identify the inference drawn from the passage

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

Question ID : 26433065246
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 : 25

Q.25 Identify the tone of the passage.

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

Question ID : 26433065247
Status : Answered
Chosen Option : 4

Section : Quantitative Aptitude

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

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

Question ID : 26433058162
Status : Answered
Chosen Option : 4

Q.2 एक वस्तु 10%, 20% और 25% की तीन क्रमागत छूटों पर बेची जाती है। यदि वस्तु का विक्रय मूल्य ₹2,592 है, तो वस्तु का अंकित मूल्य क्या है?

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

Question ID : 26433058969
Status : Answered
Chosen Option : 2

Q.3 P एक मोबाइल Q को 10% की हानि पर बेचता है और Q उसे R को 25% के लाभ पर बेचता है। यदि R ने ₹45,000 में मोबाइल खरीदा, तो P के लिए मोबाइल का क्रय मूल्य क्या था?

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

Question ID : 26433061659
Status : Answered
Chosen Option : 1

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

Question ID : **26433056893**
Status : **Answered**
Chosen Option : **2**

Q.5 If $x^2 + \frac{1}{x^2} = 47$, $\left(x + \frac{1}{x}\right)$ is equal to:

- Ans**
- ☒ 1. 6, -6
 - ☒ 2. 9, -9
 - ☒ 3. 7, -7
 - ☒ 4. 8, -8

Question ID : **26433056361**
Status : **Answered**
Chosen Option : **3**

Q.6 अंजलि एक सामाजिक उद्देश्य के लिए दीवार डिजाइन कर रही हैं। 14 दिनों में, उसने इस काम का $\frac{7}{11}$ पूरा किया। बाकी काम को वह कितने दिनों में पूरा करेगी?

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

Question ID : **26433063334**
Status : **Not Answered**
Chosen Option : --

Q.7 ₹800 की राशि अर्ध-वार्षिक रूप से चक्रवृद्धि होने वाली 30% वार्षिक ब्याज दर पर कितने वर्षों में ₹1216.70 हो जाएगी?

- Ans**
- ☒ 1. 2 वर्ष
 - ☒ 2. 1 वर्ष
 - ☒ 3. 2.5 वर्ष
 - ☒ 4. 1.5 वर्ष

Question ID : **26433061681**
Status : **Answered**
Chosen Option : **4**

Q.8 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.

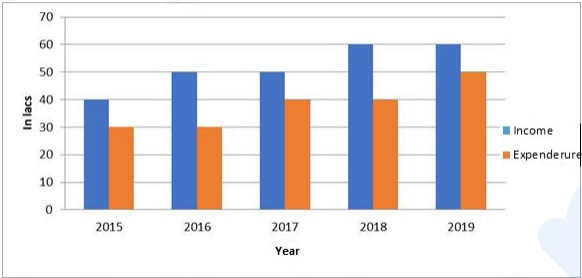
Year/Tractor Type	Type – A	Type – B	Type – C	Type – D
2010	18	25	12	19
2011	15	24	14	10
2012	23	13	17	13
2013	17	23	12	11
2014	14	26	20	18

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

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

Question ID : 26433061696
Status : Answered
Chosen Option : 4

Q.9 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. 2 : 1
☒ 2. 3 : 1
☒ 3. 1 : 2
☒ 4. 1 : 3

Question ID : 26433064044
Status : Answered
Chosen Option : 3

Q.10 एक कार लखनऊ से कानपुर तक 65 km/h की चाल से यात्रा करती है और 60 km/h की चाल से वापस आती है। यदि लखनऊ और कानपुर के बीच की दूरी 80 km है, तो पूरी यात्रा के दौरान कार की औसत चाल क्या है?

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

Question ID : 26433061646
Status : Answered
Chosen Option : 3

Q.11 Simplify.

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

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

Question ID : 26433061710
Status : Not Answered
Chosen Option : --

Q.12 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. 12.5% increment
 - ☒ 4. 10.5% increment

Question ID : 26433061648
Status : Answered
Chosen Option : 4

Q.13 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.14 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. 4.65
 - ☒ 3. 3.25
 - ☒ 4. 4.25

Question ID : 26433061640
Status : Answered
Chosen Option : 4

Q.15 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. ₹48
☒ 2. ₹45
☒ 3. ₹49
☒ 4. ₹47

Question ID : 26433061642
 Status : **Answered**
 Chosen Option : 1

Q.16 Find the volume of a cuboid with dimensions 7 cm, 11 cm, and 15 cm.

- Ans** ☒ 1. 1150 cm³
☒ 2. 1165 cm³
☒ 3. 1155 cm³
☒ 4. 1145 cm³

Question ID : 26433061704
 Status : **Answered**
 Chosen Option : 3

Q.17

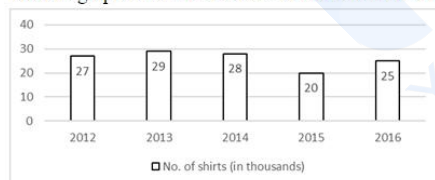
If $\sqrt{5} = 2.24$, then find the value of $\sqrt{\frac{\sqrt{5}-1}{\sqrt{5}+1}}$.

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

Question ID : 26433056368
 Status : **Answered**
 Chosen Option : 2

Q.18 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. 2
☒ 2. 4
☒ 3. 3
☒ 4. 1

Question ID : 26433061700
 Status : **Answered**
 Chosen Option : 1

Q.19 What will be the mean proportion between 25 and 64?

- Ans ☒ 1. 10
☒ 2. 30
☒ 3. 40
☒ 4. 20

Question ID : 26433061259

Status : Answered

Chosen Option : 3

Q.20 एक कार P से Q तक 45 km/h की चाल से और Q से R तक 65 km/h की चाल से यात्रा करती है। यदि P से Q की दूरी 60 km है और Q से R की दूरी 100 km है, तो पूरी यात्रा के दौरान कार की औसत चाल क्या है (दशमलव के दो स्थानों तक सही)?

- Ans ☒ 1. 55.71 km/h
☒ 2. 60.31 km/h
☒ 3. 54.71 km/h
☒ 4. 61.31 km/h

Question ID : 26433061647

Status : Not Answered

Chosen Option : --

Q.21 रंजीत अपने मासिक वेतन का 30% भोजन पर, शेष वेतन का 15% कपड़ों पर, शेष वेतन का 25% किराए पर और शेष वेतन का 20% ईंधन पर खर्च करता है और फिर भी ₹5,355 की राशि बचाता है। रंजीत का मासिक वेतन क्या है?

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

Question ID : 26433061653

Status : Answered

Chosen Option : 2

Q.22 $\frac{2\sin\theta}{\sqrt{4-4\sin^2\theta}} = \underline{\hspace{2cm}}.$

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

Question ID : 26433058172

Status : Answered

Chosen Option : 2

Q.23 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. $23\frac{1}{3}$
 - ☒ 2. $22\frac{1}{3}$
 - ☒ 3. $23\frac{1}{5}$
 - ☒ 4. $22\frac{1}{5}$

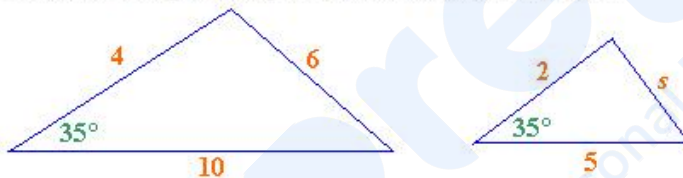
Question ID : 26433063244
Status : Answered
Chosen Option : 4

Q.24 एक ट्रेन को एक खम्भे को पार करने में 14 सेकंड लगते हैं जबकि 500 m लंबी एक स्थिर ट्रेन को पार करने में 50 सेकंड लगते हैं। ट्रेन की चाल ज्ञात कीजिए जो दशमलव के दो स्थानों तक सही हो।

- Ans
- ☒ 1. 13.09 m/sec
 - ☒ 2. 12.09 m/sec
 - ☒ 3. 12.89 m/sec
 - ☒ 4. 13.89 m/sec

Question ID : 26433061688
Status : Answered
Chosen Option : 3

Q.25 Observe the given figure and find the value of s.



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

Question ID : 26433057152
Status : Answered
Chosen Option : 3

Section : General Awareness

Q.1 पाल वंश के किस राजा ने इंद्रयुध को हराकर चक्रयुध को कन्नौज का शासक बनाया था?

- Ans
- ☒ 1. महेंद्रपाल
 - ☒ 2. देवपाल
 - ☒ 3. गोपाल
 - ☒ 4. धर्मपाल

Question ID : 26433077060
Status : Answered
Chosen Option : 2

Q.2 Vishnushastri Chiplunkar started a monthly Marathi magazine _____, in 1874 for the cause of social reform.

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

Question ID : **26433077031**
Status : **Answered**
Chosen Option : **3**

Q.3 The Green Revolution in India was initiated by MS Swaminathan in _____.

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

Question ID : **26433076996**
Status : **Answered**
Chosen Option : **3**

Q.4 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. Uttar Pradesh
 - ☒ 3. Bihar
 - ☒ 4. Odisha

Question ID : **26433076895**
Status : **Answered**
Chosen Option : **1**

Q.5 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. Navroz
 - ☒ 2. Ram Navami
 - ☒ 3. Durga Puja
 - ☒ 4. Holi

Question ID : **26433076938**
Status : **Answered**
Chosen Option : **3**

Q.6 'Surakshit Hum Surakshit Tum Abhiyaan' was launched by which of the following institutions?

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

Question ID : **26433077404**
Status : **Answered**
Chosen Option : **4**

Q.7 Identify the statement that is true for London forces.

- Ans** ☒ 1. These forces are always 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 non-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 : 2

Q.8 The Union Public Service Commission annually presents its report to the ____.

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

Question ID : 26433077123
Status : Answered
Chosen Option : 1

Q.9 Who was given the Filmfare award for Best Choreography for the film Bajirao Mastani in 2016?

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

Question ID : 26433071638
Status : Answered
Chosen Option : 2

Q.10 To which type of vegetation do Silver fir, junipers, pines and birches belong commonly in India?

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

Question ID : 26433076976
Status : Answered
Chosen Option : 1

Q.11 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 17
- ☒ 2. Article 19
- ☒ 3. Article 18
- ☒ 4. Article 20

Question ID : 26433077093
Status : Answered
Chosen Option : 4

Q.12 निम्नलिखित में से कौन सा कथन मुख्यमंत्री की शक्तियों के बारे में सही नहीं है?

- Ans** ☒ 1. वे मंत्रियों के बीच विभागों का आवंटन करते हैं।
☒ 2. राज्यपाल उसकी सिफारिशों पर मंत्रियों की नियुक्ति करता है।
☒ 3. वे मंत्रिपरिषद की बैठकों की अध्यक्षता करते हैं।
☒ 4. जब वे त्यागपत्र दे देते हैं या उनकी मृत्यु हो जाती है, तो इसका मंत्रिपरिषद के कामकाज पर कोई प्रभाव नहीं पड़ता है।

Question ID : **26433077115**
 Status : **Answered**
 Chosen Option : **4**

Q.13 When was the All India Khilafat Conference held in Delhi?

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

Question ID : **26433077045**
 Status : **Answered**
 Chosen Option : **2**

Q.14 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. Potassium Nitrate (PN)
☒ 2. Benzene hexachloride
☒ 3. Chlorobenzoate
☒ 4. Butylated hydroxyanisole

Question ID : **26433077280**
 Status : **Answered**
 Chosen Option : **3**

Q.15 Who as the Governor, administered Oath to the Chief Minister of Kerala Pinarayi Vijayan in 2021?

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

Question ID : **26433077386**
 Status : **Answered**
 Chosen Option : **2**

Q.16 Which of the following novels is the first in the series of the trilogy written by Akshat Gupta?

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

Question ID : **26433076911**
 Status : **Answered**
 Chosen Option : **3**

Q.17 According to Nebular hypothesis, how does a galaxy form?

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

Question ID : **26433077255**
 Status : **Answered**
 Chosen Option : **3**

Q.18 Which sodium salt of glutamic acid is commonly added to Chinese food, canned vegetables, soups and processed meats to enhance the flavour?

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

Question ID : **26433077209**
 Status : **Answered**
 Chosen Option : **4**

Q.19 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-c, 2-a, 3-b
☒ 2. 1-b, 2-c, 3-a
☒ 3. 1-a, 2-b, 3-c
☒ 4. 1-c, 2-b, 3-a

Question ID : **26433076955**
 Status : **Answered**
 Chosen Option : **2**

Q.20 Which of the following is NOT a 'Gharana' in the Kathak dance form of India?

- Ans** ☒ 1. Raigarh
☒ 2. Benaras
☒ 3. Jaipur
☒ 4. Illahabad

Question ID : **26433070815**
 Status : **Answered**
 Chosen Option : **1**

Q.21 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. Migrant Workers affected by COVID-19
 - ☒ 2. Orphaned Children affected by COVID-19
 - ☒ 3. Widows affected by COVID-19
 - ☒ 4. Street vendors affected by COVID-19

Question ID : 26433077333
Status : **Answered**
Chosen Option : 4

Q.22 The Bahishkrit Hitakarini Sabha was established at _____.

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

Question ID : 26433077039
Status : **Answered**
Chosen Option : 4

Q.23 On the eve of the 73rd Republic Day, Neeraj Chopra was awarded which of the following medals by the President of India?

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

Question ID : 26433077321
Status : **Answered**
Chosen Option : 3

Q.24 Which of the following committees was formed to estimate poverty in India?

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

Question ID : 26433065405
Status : **Answered**
Chosen Option : 1

Q.25 Sarbananda Sonowal handles which ministry (As on 31 December 2021)?

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

Question ID : 26433077315
Status : **Answered**
Chosen Option : 1