



Previous Year Questions (GATE ECE): Verbal Ability

(1 Mark Questions)

Year: GATE ECE 2026

Question 1: Among the following options, the antonym of the word 'nocturnal' is _____.

A: normal

B: diurnal

C: abnormal

D: exceptional

Answer: B

Solution:

Nocturnal-means active at night.

Diurnal-means active during the day.

Year: GATE ECE 2025

Question 2: Here are two analogous groups, Group-I and Group-II, that list words in their decreasing order of intensity. Identify the missing word in Group-II.

Group-I: Abuse → Insult → Ridicule

Group-II: _____ → Praise → Appreciate

A: Extol

B: Prize

C: Appropriate

D: Espouse

Answer: A

Solution:

The words in each group are ordered from strongest to weakest intensity:

Group I (negative):

Abuse → Insult → Ridicule

(Abuse is the harshest, ridicule the mildest.)

Group II (positive):

__ → Praise → Appreciate

We need a synonym for "praise" that's **stronger** than "praise."

- "Extol" means to praise highly or enthusiastically, making it more intense than "praise."
- "Prize" can mean to value, but it's less common and not as forceful.
- "Appropriate" and "espouse" don't fit the "praise" sense at all.

Answer: Extol (Option A)

Year: GATE ECE 2025

Question 3: Had I learnt acting as a child, I _____ a famous film star. Select the most appropriate option to complete the above sentence.

A: will be

B: can be

C: am going to be

D: could have been

Answer: D

Solution:

The correct choice is D.

"Had I learnt acting as a child, I could have been a famous film star."

Here, "could have been" fits the third-conditional structure for an unreal past situation.

Year: GATE ECE 2024

Question 4: If '→' denotes increasing order of intensity, then the meaning of the words [charm → enamor → bewitch] is analogous to [bored → _____ → weary]. Which one of the given options is appropriate to fill the blank?

A: jaded

B: baffled

C: dead

D: worsted

Answer: A

Solution:

When evaluating the given sequence [charm → enamor → bewitch], we can notice that it describes an increasing order of attraction or interest. "Charm" suggests a mild attraction, "enamor" implies a stronger affection, and "bewitch" indicates the highest level of fascination or enchantment.

Similarly, we need to find a word that fits sequentially between "bored" and "weary" to reflect increasing levels of disinterest or exhaustion.

"Bored" signifies a lack of interest or enthusiasm. "Weary" indicates an advanced stage of tiredness or fatigue, often resulting from prolonged boredom or monotony. Therefore, we need a word that represents a state more intense than "bored" but less intense than "weary".

Among the given options:

Option A: Jaded - This means tired, bored, or lacking enthusiasm, typically after having had too much of something.

Option B: Baffled - This means being completely puzzled or confused.

Option C: Dead - In this context, this could mean being completely exhausted or devoid of energy.

Option D: Worsted - This is not commonly used to describe a state of interest or exhaustion. It often means being defeated or overcome.

The appropriate choice is:

Option A: Jaded - Jaded fits well between "bored" and "weary" as it implies a state more intense than boredom but not quite as severe as weariness.

Therefore, the completed sequence is [bored → jaded → weary].

Year: GATE ECE 2023

Question 5: "I cannot support this proposal. My _____ will not permit it."

- A: conscious**
B: consensus
C: conscience
D: consent

Answer: C

Solution:

The correct answer is (C) conscience.

The sentence implies that the speaker is unable to support the proposal because it conflicts with their personal moral or ethical values. In this context, the word "conscience" refers to a person's inner sense of right and wrong, which guides their behavior and decision-making.

Year: GATE ECE 2023

Question 6: Courts : _____ : : Parliament : Legislature

(By word meaning)

- A: Judiciary**
B: Executive
C: Governmental
D: Legal

Answer: A

Solution:

The word that completes the analogy is (A) Judiciary.

The courts are part of the judiciary, which is responsible for interpreting and upholding the law. Similarly, Parliament is part of the legislature, which is responsible for making and enacting laws.

Year: GATE ECE 2022

Question 7: Mr. X speaks _____ Japanese _____ Chinese.

- A: neither / or**
B: either / nor
C: neither / nor
D: also / but

Answer: C

Solution:

Option C is the correct choice.

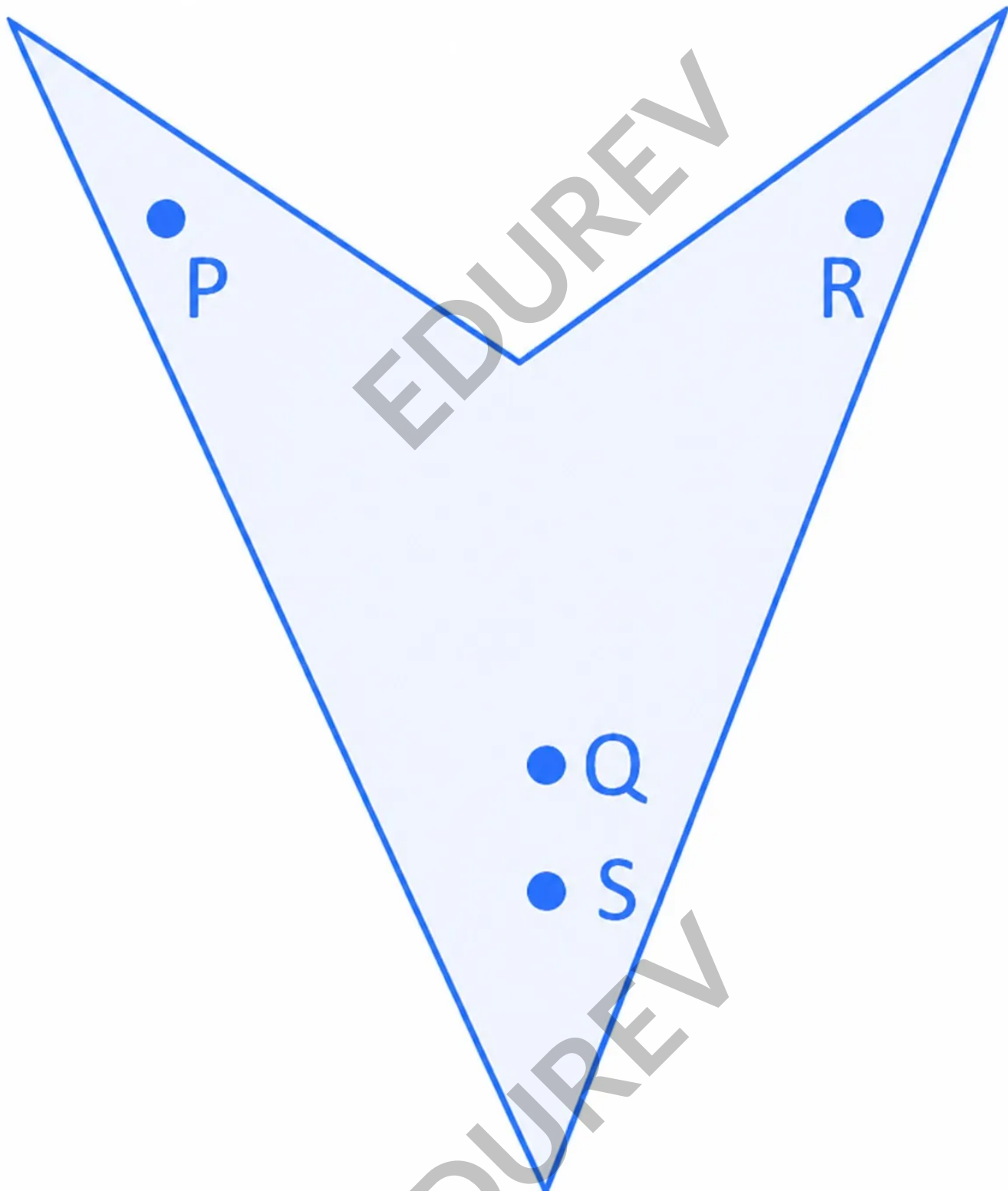
The correct sentence is:

Mr. X speaks **neither** Japanese **nor** Chinese.

In English, "neither" is paired with "nor" to indicate that both of the mentioned items are not applicable or true.

Year: GATE ECE 2022

Question 8: An art gallery engages a security guard to ensure that the items displayed are protected. The diagram below represents the plan of the gallery where the boundary walls are opaque. The location the security guard posted is identified such that all the inner space (shaded region in the plan) of the gallery is within the line of sight of the security guard. If the security guard does not move around the posted location and has a 360° view, which one of the following correctly represents the set of ALL possible locations among the locations P, Q, R, and S, where the security guard can be posted to watch over the entire inner space of the gallery.



A: P and Q

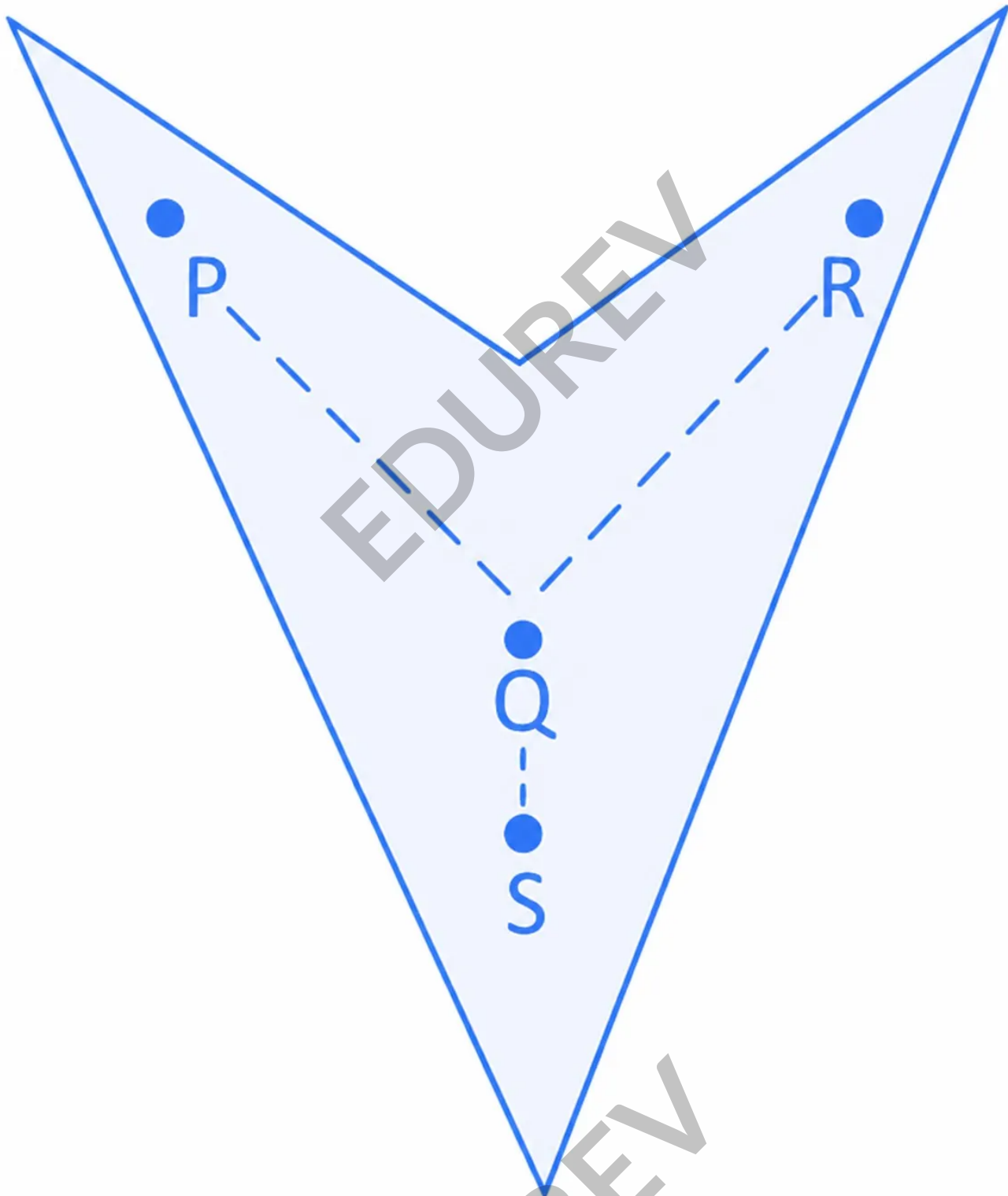
B: Q

C: Q and S

D: R and S

Answer: C

Solution:



Security guard posting at Q and S can watch entire space of gallery.

Year: GATE ECE 2022

Question 9: In a class of five students P, Q, R, S and T, only one student is known to have copied in the exam. The disciplinary committee has investigated the situation and recorded the statements from the students as given below.

Statement of P : R has copied in the exam.

Statement of Q : S has copied in the exam.

Statement of R : P did not copy in this exam.

Statement of S : Only one of us is telling the truth.

Statement of T : R is telling the truth.

The investigating team had authentic information that S never lies. Based on the information given above, the person who has copied in the exam is

A: R

B: P

C: Q

D: T

Answer: B**Solution:**

Since the investigating team had authentic information that S never lies, S's statement that "Only one of us is telling the truth" must be true. Therefore, only one statement among the given is truthful.

Let's analyze each statement one by one:

Statement of P: "R has copied in the exam."

Statement of Q: "S has copied in the exam."

Statement of R: "P did not copy in this exam."

Statement of S: "Only one of us is telling the truth."

Statement of T: "R is telling the truth."

Since S is truthful and states that only one of the statements is true, then S's statement is the sole truth. This means:

If S is the only truth-teller, all other statements must be false.

Statement of P is false, so R did not copy in the exam.

Statement of Q is false, so S did not copy in the exam (matches our earlier information that S cannot lie).

Statement of R is false, so P did copy in this exam.

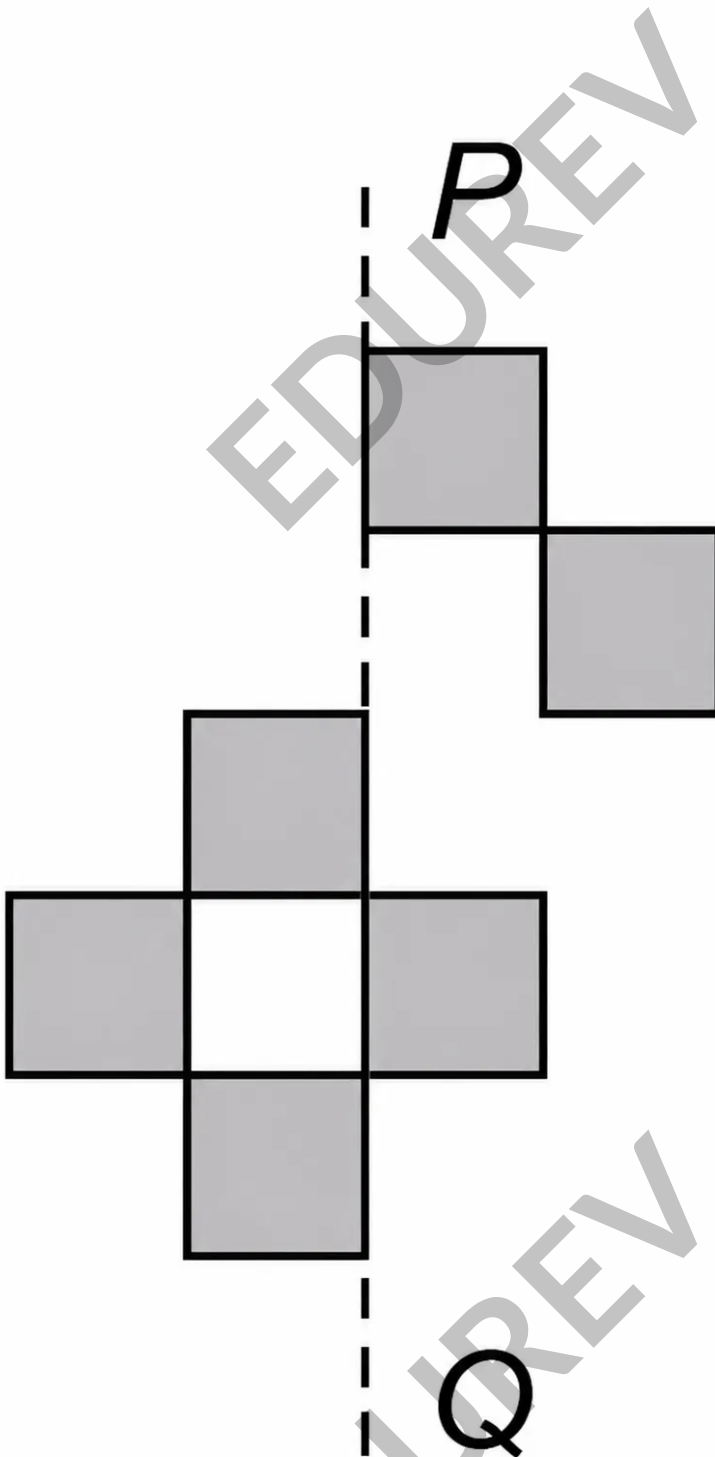
Statement of T is false, so R is not telling the truth (again confirming P must have copied).

Accordingly, the person who has copied in the exam is:

Option B: P

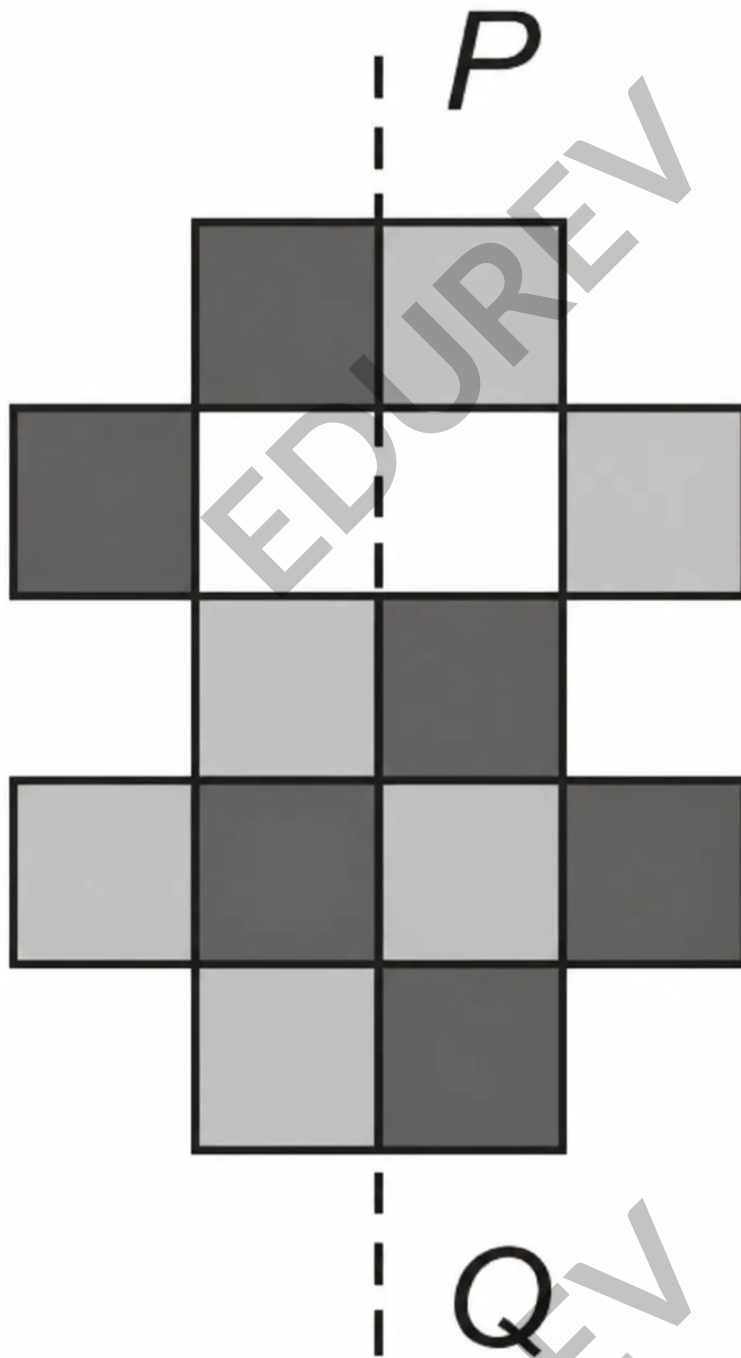
Year: GATE ECE 2021

Question 10:



The least number of squares that must be added so that the line P-Q becomes the line of symmetry is ____

A: 7

B: 6**C: 4****D: 3****Answer: B****Solution:**

The least number of squares added = 6.

Year: GATE ECE 2021

Question 11: Nostalgia is to anticipation as ____ is to ____.

Which one of the following options maintains a similar logical relation in the above sentence?

A: Past, future

B: Future, past

C: Future, present

D: Present, past

Answer: A

Solution: Nostalgia : Recollection of a period in the past.

Anticipation : Expectation or prediction to future.

Year: GATE ECE 2021

Question 12: Consider the following sentences :

(i) I woke up from sleep.

(ii) I woked up from sleep

(iii) I was woken up from sleep

(iv) I was wokened up from sleep.

Which of the above sentences are grammatically correct?

A: (i) and (iv)

B: (i) and (ii)

C: (i) and (iii)

D: (ii) and (iii)

Answer: C

Solution: Both (i) and (iii) sentences are the correct usage of past tense.

In sentences (ii) and (iv), the usage of forms of verb "wake" are incorrect.

The forms of verb "wake" is as follows - wake(present), woke(past tense), woken(past-participial).

Year: GATE ECE 2020

Question 13: He was not only accused of theft _____ of conspiracy.

A: but also

B: but even

C: rather

D: rather than

Answer: A

Solution:

The correct answer is:

☒ **Option A: but also**

Explanation:

The correlative conjunction pair "**not only ... but also**" is used to link two related ideas or accusations in this case.

So the complete sentence is:

"He was not only accused of theft but also of conspiracy."

Year: GATE ECE 2020

Question 14: The Canadian constitution requires that equal importance be given to English and French. Last year, Air Canada lost a lawsuit and had to pay a six-figure fine to a French speaking couple after they filed complaints about formal in-flight announcements in English lasting 15 seconds, as opposed to informal 5 second messages in French.

The French - speaking couple were upset at _____ .

A: the English announcements being longer than French ones.

B: equal importance being given to English and French.

C: the English announcements being clearer than the French ones.

D: the in-flight announcements being made in English.

Answer: A

Solution:

The French speaking couple were upset as they were not able to get the announcement properly in such a short span of five seconds and they filed complaint as the announcement in English lasted for 10 seconds.

Hence, the correct option is (A).

Year: GATE ECE 2020

Question 15: Select the word that fits the analogy :

Explicit : Implicit :: Express : ____.

A: Repress

B: Suppress

C: Compress

D: Impress

Answer: A

Solution:

Given words in the first relation are antonyms, the correct antonym of express is repress, which means to control an emotion or to try to prevent it from being shown.

"Suppress" is synonym of repress but it means to stop something by using force, so it is not the correct antonym for express.

Hence, the correct option is (A).

Year: GATE ECE 2020

Question 16: The untimely loss of life is a cause of serious global concern as thousands of people get killed ____ accidents every year while many other die ____ diseases like cardiovascular diseases, cancer, etc.

A: in, of

B: during, from

C: from, of

D: from, from

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Answer: A**Solution:**

Let's analyze the sentence and the appropriate prepositions for each blank:

1. "killed _ accidents"

When referring to deaths resulting from accidents, the standard preposition is "in". We say someone is killed **in** an accident.

"Killed from accidents" is less idiomatic.

"Killed during accidents" implies the timeframe, but "in" is more common for the circumstance.

2. "die _ diseases"

When someone dies as a result of a disease, both "of" and "from" are commonly used.

"Die **of** a disease" is traditional and often preferred, especially in formal contexts, to denote the direct cause.

"Die **from** a disease" is also acceptable and widely used.

Let's evaluate the options:

Option A: in, of

"killed **in** accidents" - This is correct and idiomatic.

"die **of** diseases" - This is correct and a strong choice for the direct cause of death.

Option B: during, from

"killed **during** accidents" - While possible, "in" is more common and expresses the circumstance better.

"die **from** diseases" - This is acceptable.

Option C: from, of

"killed **from** accidents" - This is less idiomatic than "in".

"die **of** diseases" - This is correct.

Option D: from, from

"killed **from** accidents" - Less idiomatic.

"die **from** diseases" - Acceptable.

Comparing the options, "killed **in** accidents" is the strongest and most idiomatic choice for the first blank. For the second blank, "die **of** diseases" is a very common and grammatically sound construction. Therefore, Option A provides the best fit for both blanks.

The complete sentence with Option A:

"The untimely loss of life is a cause of serious global concern as thousands of people get killed **in** accidents every year while many other die **of** diseases like cardio vascular diseases, cancer, etc."

The final answer is A

Year: GATE ECE 2019

Question 17: When he did not come home, she ___ him lying dead on the roadside somewhere.

A: notice

B: looked

C: concluded

D: pictured

Answer: D

Year: GATE ECE 2019

Question 18: The boat arrived _____ dawn.

A: on

B: in

C: at

D: under

Answer: C

Year: GATE ECE 2019

Question 19: The strategies that the company _____ to sell its products _____ house-to-house marketing.

A: use, includes

B: uses, including

C: uses, include

D: used, includes

Answer: C

Year: GATE ECE 2018

Question 20: "By giving him the last _____ of the cake, you will ensure lasting _____ in our house today."

The words that best fill the blanks in the above sentence are

A: piece, peace

B: peace , piece

C: peace, peas

D: peas, piece

Answer: A

Year: GATE ECE 2018

Question 21: "Even though there is a vast scope for its _____, tourism has remained a/an _____ area."

The words that best fill the blanks in the above sentence are

A: Improvement, neglected

B: Rejection, approved

C: Fame, glum

D: Interest, disinterested

Answer: A

Year: GATE ECE 2017 Set 2

Question 22: It is ____ to read this year's textbook ____ the last year's.

A: easier, than

B: most easy, than

C: easier, from

D: easiest, from

Answer: A

Year: GATE ECE 2017 Set 2

Question 23: The ninth and the tenth of this month are Monday and Tuesday ____.

A: Figuratively

B: Retrospectively

C: Respectively

D: Rightfully

Answer: C

Year: GATE ECE 2017 Set 1

Question 24: I _____ made arrangements had I _____ informed earlier.

A: could have, been

B: would have, being

C: had, have

D: had been, been

Answer: A

Year: GATE ECE 2017 Set 1

Question 25: She has a sharp tongue and it can occasionally turn

A: hurtful

B: left

C: methodical

D: vital

Answer: A

Year: GATE ECE 2012

Question 26: Choose the most appropriate word from the options given below to complete the following sentence: Given the seriousness of the situation that he had to face, his _____ was impressive.

A: beggary

B: nomenclature

C: jealousy

D: nonchalance

Answer: D

Year: GATE ECE 2012

Question 27: One of the parts (A, B, C, D) in the sentence given below contains an ERROR. Which one of the following is INCORRECT?

I requested that he should be given the driving test today instead of tomorrow.

A: requested that

B: should be given

C: the driving test

D: instead of tomorrow

Answer: B

Year: GATE ECE 2012

Question 28: Which one of the following options is the closest in meaning to the word given below?

Latitude

A: Eligibility

B: Freedom

C: Coercion

D: Meticulousness

Answer: B

Year: GATE ECE 2012

Question 29: Choose the most appropriate alternative from the options given below to complete the following sentence: If the tired soldier wanted to lie down, he _____ the mattress out on the balcony.

A: should take

B: shall take

C: should have taken

D: will have taken

Answer: A

Year: GATE ECE 2011

Question 30: Choose the most appropriate word from the options given below to complete the following sentence: It was her view that the country's problems had been _____ by foreign technocrats, so that to invite them to come back would be counter-productive.

A: Identified

B: ascertained

C: exacerbated

D: analyzed

Answer: C

Year: GATE ECE 2011

Question 31: Choose the word from the options given below that is most nearly opposite in meaning to the given word: Frequency

A: periodicity

B: rarity

C: gradualness

D: persistency

Answer: B

Year: GATE ECE 2011

Question 32: The question below consists of a pair of related words followed by four pairs of words. Select the pair that best expresses the relation in the original pair: Gladiator : Arena

A: dancer : stage

B: commuter: train

C: teacher : classroom

D: lawyer : courtroom

Answer: D

Year: GATE ECE 2011

Question 33: Choose the most appropriate word from the options given below to complete the following sentence: Under ethical guidelines recently adopted by the Indian Medical Association, human genes are to be manipulated only to correct diseases for which _____ treatments are unsatisfactory.

A: Similar

B: Most

C: Uncommon

D: Available

Answer: D

Year: GATE ECE 2010

Question 34: Which of the following options is the closest in meaning to the word below: Circuitous

A: cyclic

B: indirect

C: confusing

D: crooked

Answer: B

Year: GATE ECE 2010

Question 35: Choose the most appropriate word from the options given below to complete the following sentence: His rather casual remarks on politics _____ his lack of seriousness about the subject.

A: masked

B: belied

C: betrayed

D: suppressed

Answer: C

Year: GATE ECE 2010

Question 36: Choose the most appropriate word from the options given below to complete the following sentence: If we manage to _____ our natural resources, we would leave a better planet for our children.

A: uphold

B: restrain

C: cherish

D: conserve

Answer: D

Year: GATE ECE 2010

Question 37: The question below consists of a pair of related words followed by four pairs of words. Select the pair that best expresses the relation in the original pair.

Unemployed : Worker

A: fallow : land

B: unaware : sleeper

C: wit : jester

D: renovated : house

Answer: A

(2 Marks Questions)

Year: GATE ECE 2026

Question 1: Each one of the following clues contains a keyword that is partially filled.

Clue 1: Synonym of recognize (8 letters): _ D _ NT _ FY

Clue 2: A story long enough to fill a book (5 letters): _____

Clue 3: Two of something (6 letters): _____ PLE

Clue 4: A fraction of something, split equally into two parts (4 letters): _____ F

The first letter of each of the keywords can be rearranged to form a four-letter word. Which one of the options below is a possible choice for the four-letter word?

A: CHIN

B: COIN

C: ITCH

D: NOSE

Answer: A

Solution:

① D E N T ① F Y	First letter I
① ① ① E L	First letter N
① ① ① P L E	First letter C
① ① ① F	First letter H

Hence, option (a) CHIN is correct.

Year: GATE ECE 2025

Question 2: Identify the option that has the most appropriate sequence such that a coherent paragraph is formed:

P. Over time, such adaptations lead to significant evolutionary changes with the potential to shape the development of new species.

Q. In natural world, organisms constantly adapt to their environments in response to challenges and opportunities.

R. This process of adaptation is driven by the principle of natural selection, where favorable traits increase an organism's chances of survival and reproduction.

S. As environments change, organisms that can adapt their behavior, structure and physiology to such changes are more likely to survive.

A: $P \rightarrow Q \rightarrow R \rightarrow S$

B: $Q \rightarrow S \rightarrow R \rightarrow P$

C: $R \rightarrow S \rightarrow Q \rightarrow P$

D: $S \rightarrow P \rightarrow R \rightarrow Q$

Answer: B

Solution:

The most coherent flow is

Option B: $Q \rightarrow S \rightarrow R \rightarrow P$

Explanation:

Q introduces the general idea of adaptation.

S zooms in on how organisms adapt to environmental changes.

R explains the driving mechanism (natural selection).

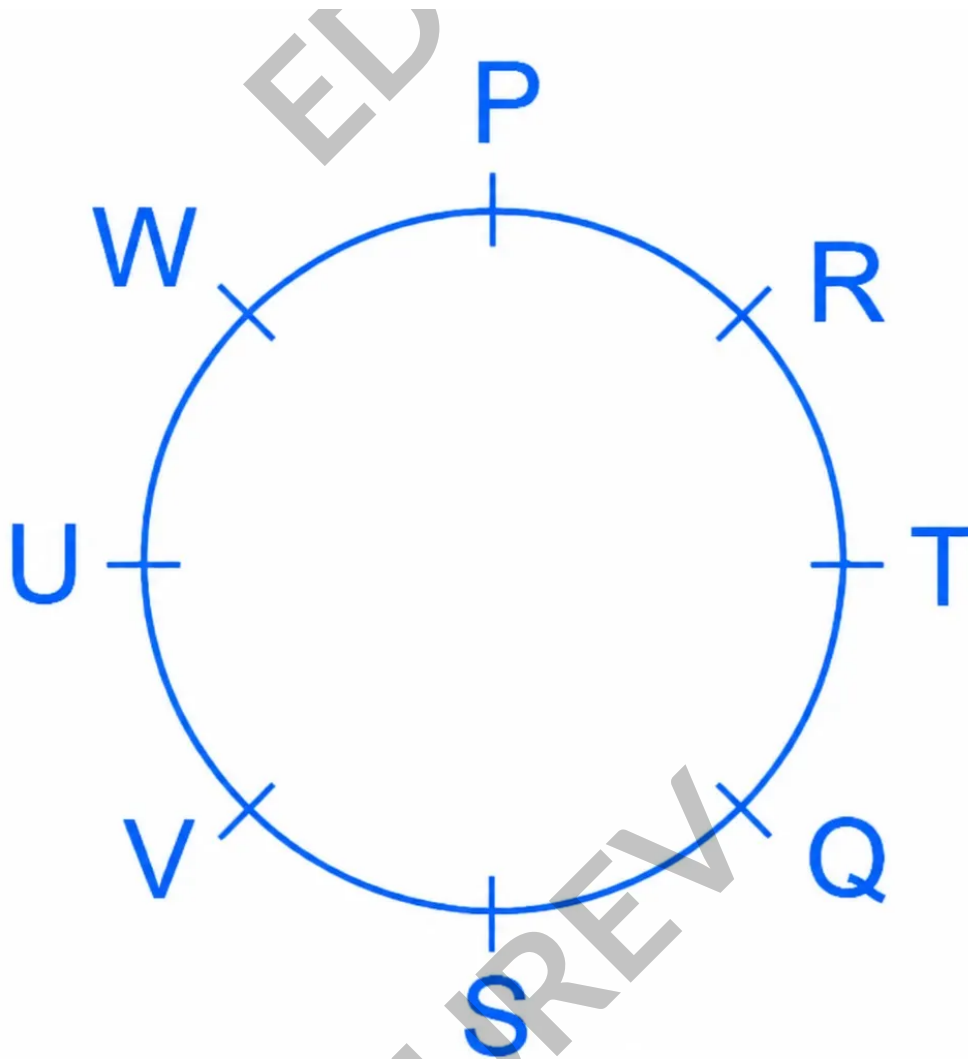
P describes the long-term outcome of these adaptations.

Year: GATE ECE 2025

Question 3: Eight students (P, Q, R, S, T, U, V, and W) are playing musical chairs. The figure indicates their order of position at the start of the game. They play the game by moving forward in a circle in the clockwise direction.

After the 1st round, 4th student behind P leaves the game. After 2nd round, 5th student behind Q leaves the game. After 3rd round, 3rd student behind V leaves the game. After 4th round, 4th student behind U leaves the game. Who all are left in the game after the 4th round?

Note: The figure shown is representative.



A: P; T; Q; S

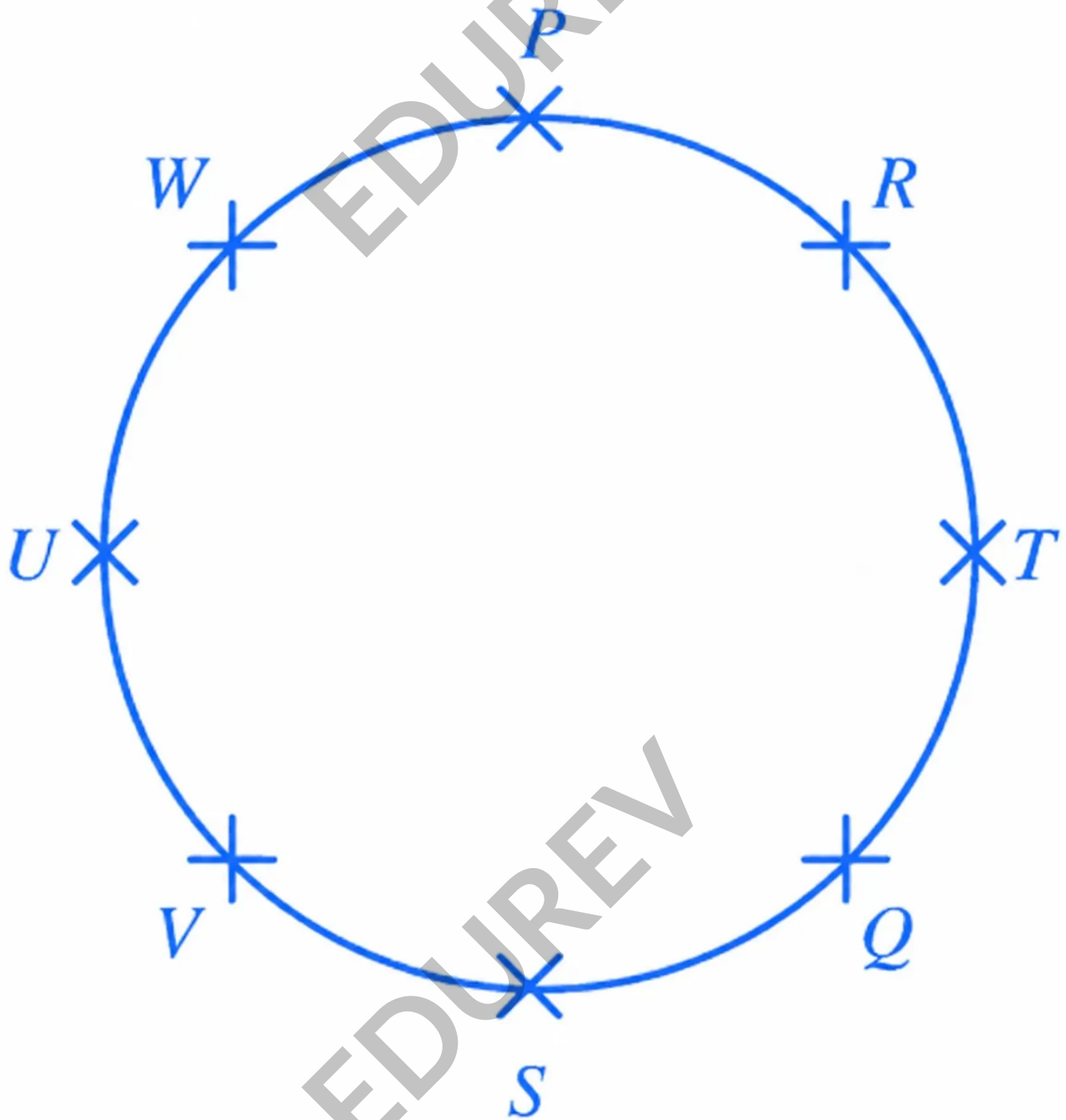
B: V; P; T; Q

C: W; R; Q; V

D: Q; T; V; W

Answer:

Solution:



First Round Elimination : 4th student behind P

Behind P means moving counterclockwise.

1st : W

2nd : U

3rd : V

4th : S

S is eliminated

Remaining students :

$P \rightarrow R \rightarrow T \rightarrow Q \rightarrow V \rightarrow U \rightarrow W$

Second Round Elimination : 5th student behind Q

Behind P means moving counterclockwise.

1st : T

2nd : R

3rd : P

4th : W

5th : U

U is eliminated

Remaining students :

$P \rightarrow R \rightarrow T \rightarrow Q \rightarrow V \rightarrow W$

Third Round Elimination : 3rd student behind V

Behind P means moving counterclockwise.

1st : Q

2nd : T

3rd : R

R is eliminated.

Remaining students :

$P \rightarrow T \rightarrow Q \rightarrow V \rightarrow W$

Fourth Round Elimination : 4th student behind U

W is already eliminated.

None of the options match exactly.

Year: GATE ECE 2024

Question 4: Sequence the following sentences (P, Q, R, S) in a coherent passage:

P: Shifu's student exclaimed, "Why do you run since the bull is an illusion?"

Q: Shifu said, "Surely my running away from the bull is also an illusion."

R: Shifu once proclaimed that all life is illusion.

S: One day, when a bull gave him chase, Shifu began running for his life.

A: SPRQ

B: SRPQ

C: RSPQ

D: RPQS

Answer: C

Solution:

The correct sequence of the sentences (P, Q, R, S) to form a coherent passage is Option C: RSPQ.

Here's the elaboration:

R: Shifu once proclaimed that all life is illusion.

This sentence introduces the concept of Shifu's belief about life being an illusion.

S: One day, when a bull gave him chase, Shifu began running for his life.

This follows logically as it presents a situation where Shifu's actions seem to contradict his teachings.

P: Shifu's student exclaimed, "Why do you run since the bull is an illusion?"

This occurs naturally after Shifu begins running, bringing in the student's reaction to highlight the apparent contradiction.

Q: Shifu said, "Surely my running away from the bull is also an illusion."

This is the conclusion where Shifu provides an explanation that aligns his teachings with his actions.

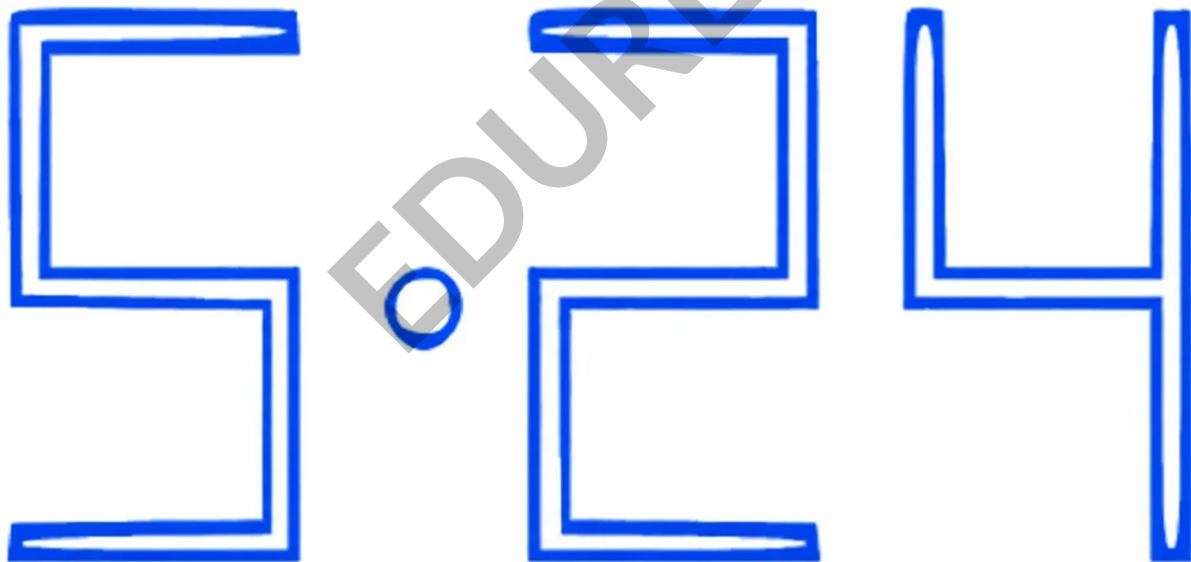
This sequence maintains a logical flow, starting with the proclamation of an idea, followed by an event that challenges this idea, a query about the contradiction, and finally an explanation that resolves the contradiction.

Year: GATE ECE 2024

Question 5: Examples of mirror and water reflections are shown in the figures below:

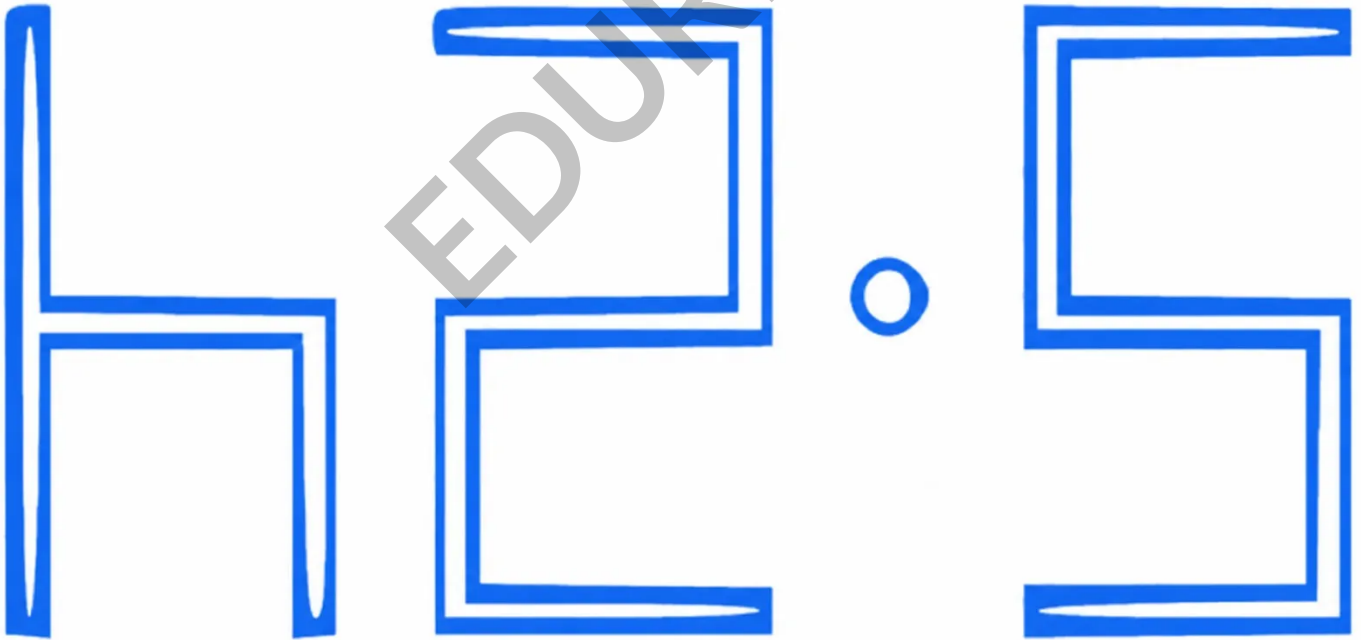


An object appears as the following image after first reflecting in a mirror and then reflecting on water.

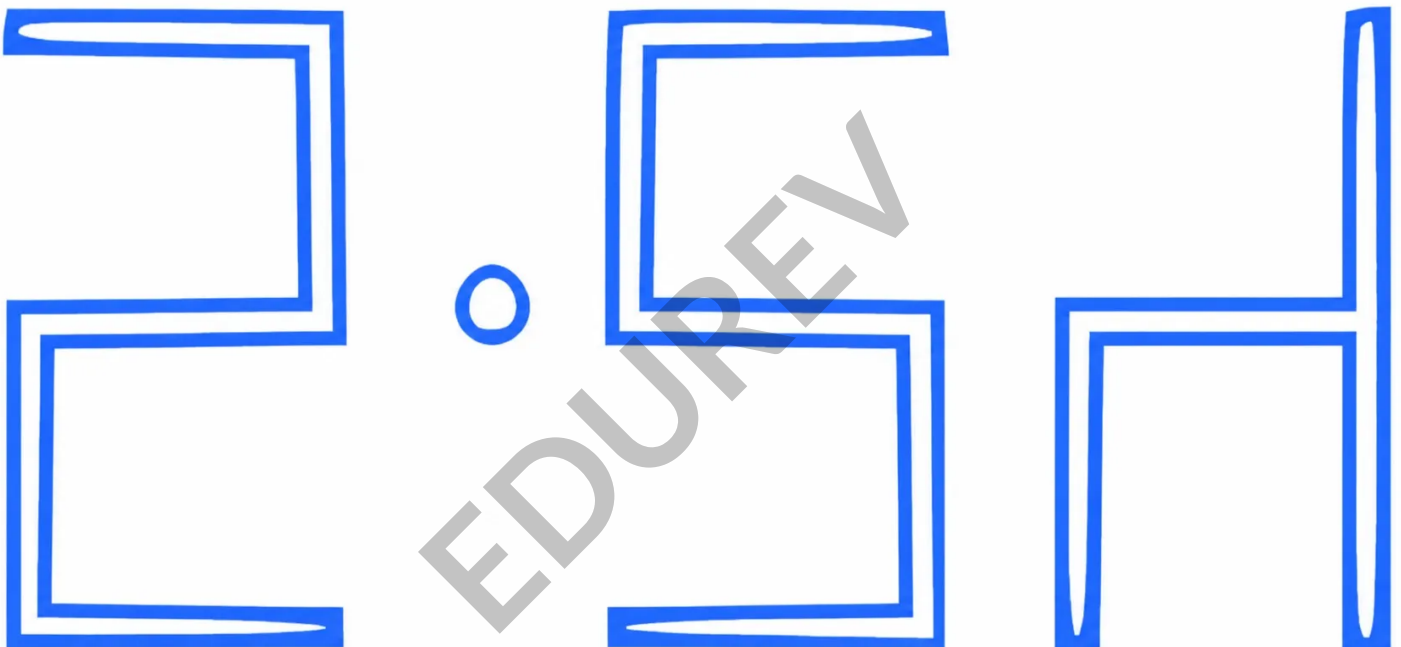


The original object is

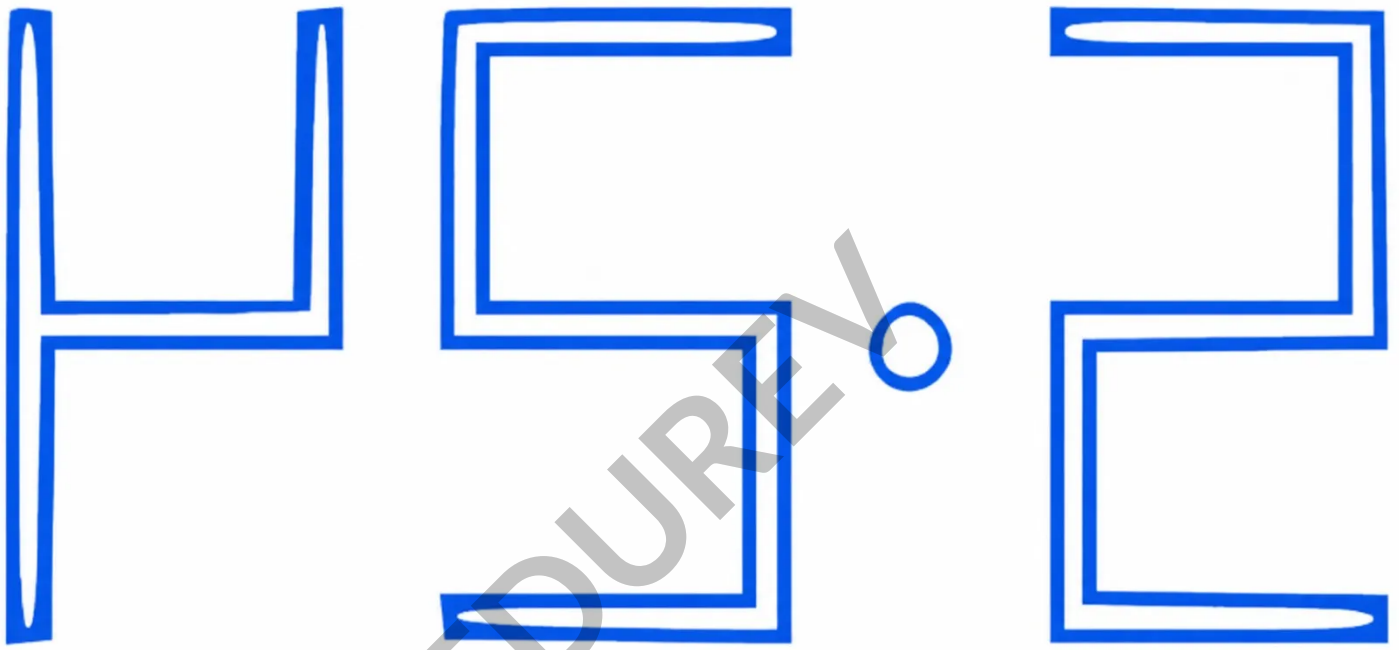
A:



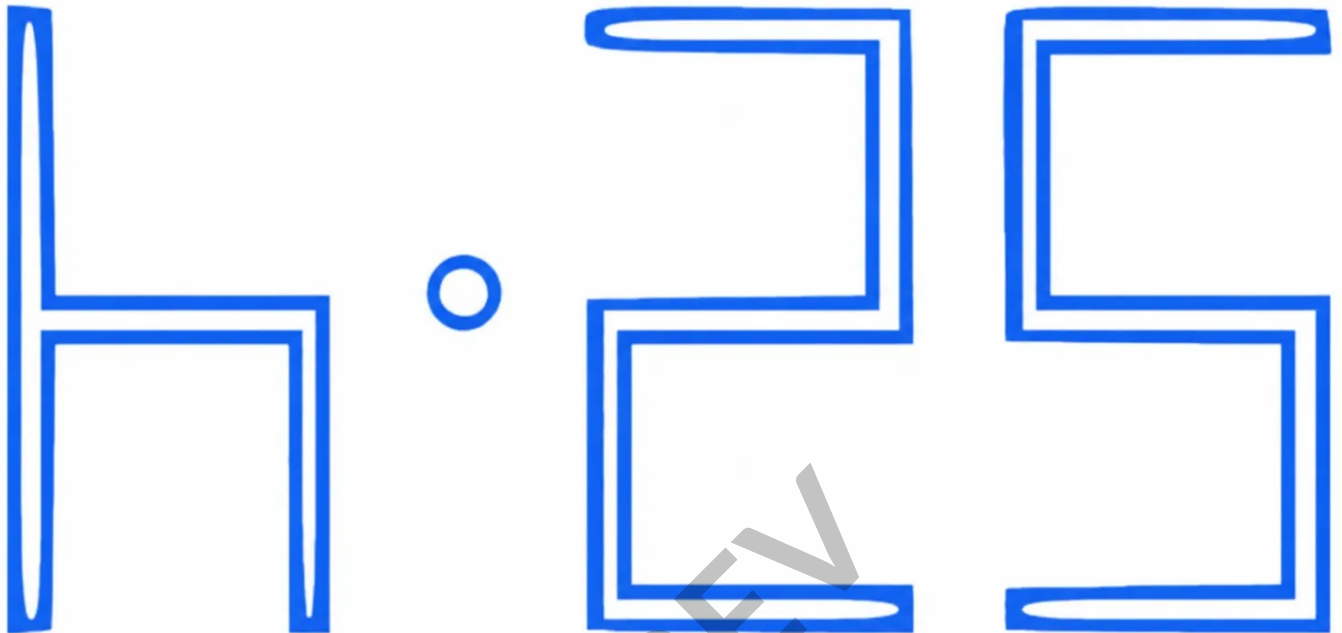
B:



C:

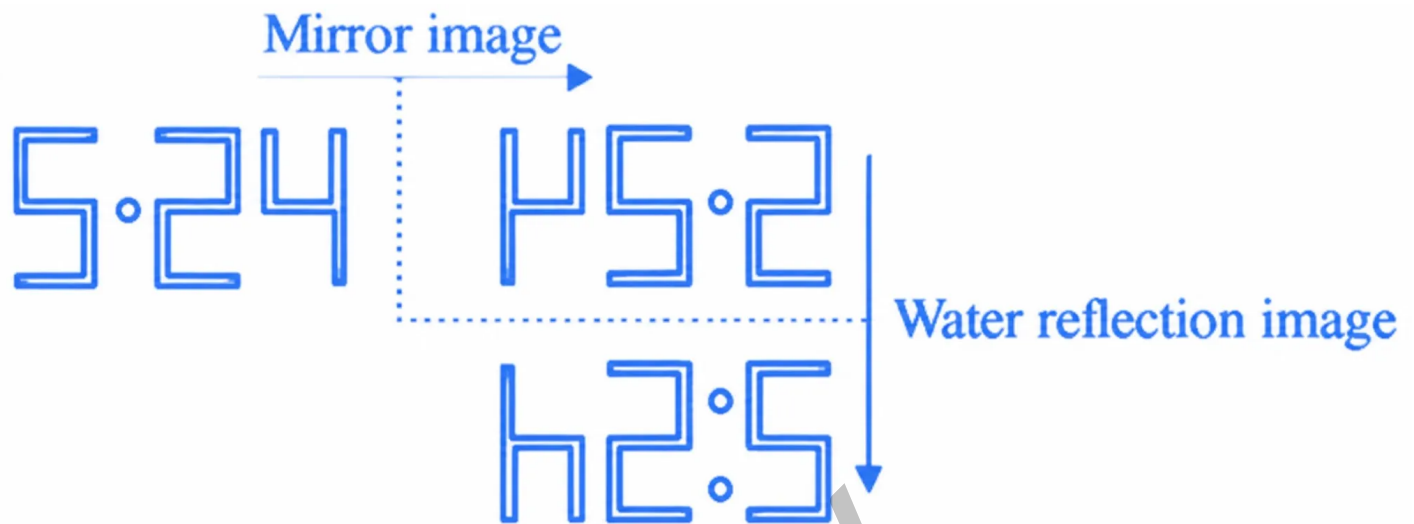


D:



Answer: A

Solution:



Year: GATE ECE 2023

Question 6: Forestland is a planet inhabited by different kinds of creatures. Among other creatures, it is populated by animals all of whom are ferocious. There are also creatures that have claws, and some that do not. All creatures that have claws are ferocious.

Based only on the information provided above, which one of the following options can be logically inferred with certainty?

- A: All creatures with claws are animals.**
- B: Some creatures with claws are non-ferocious.**
- C: Some non-ferocious creatures have claws.**
- D: Some ferocious creatures are creatures with claws.**

Answer: D

Solution:

The statement "All creatures that have claws are ferocious" tells us that there are no creatures with claws that are not ferocious. Therefore, we can logically infer that some ferocious creatures are creatures with claws, which means that option (D) is the correct answer.

Option (A) cannot be inferred because there may be creatures with claws that are not animals.

Option (B) cannot be inferred because all creatures with claws are ferocious, according to the given information.

Option (C) cannot be inferred because we do not have any information about whether non-ferocious creatures have claws or not.

Year: GATE ECE 2023

Question 7: Which one of the following options can be inferred from the given passage alone?

When I was a kid, I was partial to stories about other worlds and interplanetary travel. I used to imagine that I could just gaze off into space and be whisked to another planet. [Excerpt from The Truth about Stories by T. King]

A: It is a child's description of what he or she likes.

B: It is an adult's memory of what he or she liked as a child.

C: The child in the passage read stories about interplanetary travel only in parts.

D: It teaches us that stories are good for children.

Answer: B

Solution: (B) It is an adult's memory of what he or she liked as a child. can be inferred from the given passage alone. The passage states that "When I was a kid," indicating that the author is talking about his or her own childhood. Additionally, the passage uses the past tense "used to imagine," suggesting that the author is recalling something from the past. Therefore, option (B) is the correct answer.

Year: GATE ECE 2022

Question 8: Mosquitoes pose a threat to human health. Controlling mosquitoes using chemicals may have undesired consequences. In Florida, authorities have used genetically modified mosquitoes to control the overall mosquito population. It remains to be seen if this novel approach has unforeseen consequences.

Which one of the following is the correct logical inference based on the information in the above passage?

A: Using chemicals to kill mosquitoes is better than using genetically modified mosquitoes because genetic engineering is dangerous.

B: Using genetically modified mosquitoes is better than using chemicals to kill mosquitoes because they do not have any side effects.

C: Both using genetically modified mosquitoes and chemicals have undesired consequences and can be dangerous.

D: Using chemicals to kill mosquitoes may have undesired consequences but it is not clear if using genetically modified mosquitoes has any negative consequences.

Answer: D**Solution:**

Based on the information provided in the passage, the correct logical inference can be determined as follows:

The passage states that controlling mosquitoes using chemicals may have undesired consequences. It also notes that in Florida, genetically modified mosquitoes are being used to control the population, and it remains to be seen if this novel approach has unforeseen consequences.

Let's examine each option in the context of the passage:

Option A: Using chemicals to kill mosquitoes is better than using genetically modified mosquitoes because genetic engineering is dangerous.

This option is incorrect because the passage does not make a claim that genetic engineering is inherently dangerous. It only mentions that it is unclear if there are unforeseen consequences of using genetically modified mosquitoes.

Option B: Using genetically modified mosquitoes is better than using chemicals to kill mosquitoes because they do not have any side effects.

This option is incorrect because the passage clearly states that it is not yet known if using genetically modified mosquitoes has unforeseen consequences. Therefore, it cannot be stated that they do not have any side effects.

Option C: Both using genetically modified mosquitoes and chemicals have undesired consequences and can be dangerous.

This option is also incorrect because, according to the passage, while using chemicals may have undesired consequences, it is still unknown if using genetically modified mosquitoes has any negative effects. The passage does not confirm that both methods have undesired consequences.

Option D: Using chemicals to kill mosquitoes may have undesired consequences but it is not clear if using genetically modified mosquitoes has any negative consequences.

This option is correct because it accurately reflects the information given in the passage. It states that using chemicals may have undesired consequences, and it is still uncertain if using genetically modified mosquitoes has any negative consequences.

Therefore, the correct logical inference based on the information in the passage is:

Option D: Using chemicals to kill mosquitoes may have undesired consequences but it is not clear if using genetically modified mosquitoes has any negative consequences.

Year: GATE ECE 2021

Question 9: Given below are two statements and two conclusions.

Statement 1 : All purple are green

Statement 2 : All black are green

Conclusion I : Some black are purple.

Conclusion II : No black is purple

Based on the above statements and conclusions, which one of the following options is logically CORRECT?

A: Both conclusion I and II are correct.

B: Only conclusion I is correct.

C: Only conclusion II is correct.

D: Either conclusion I or II is correct.

Answer: D

Solution:

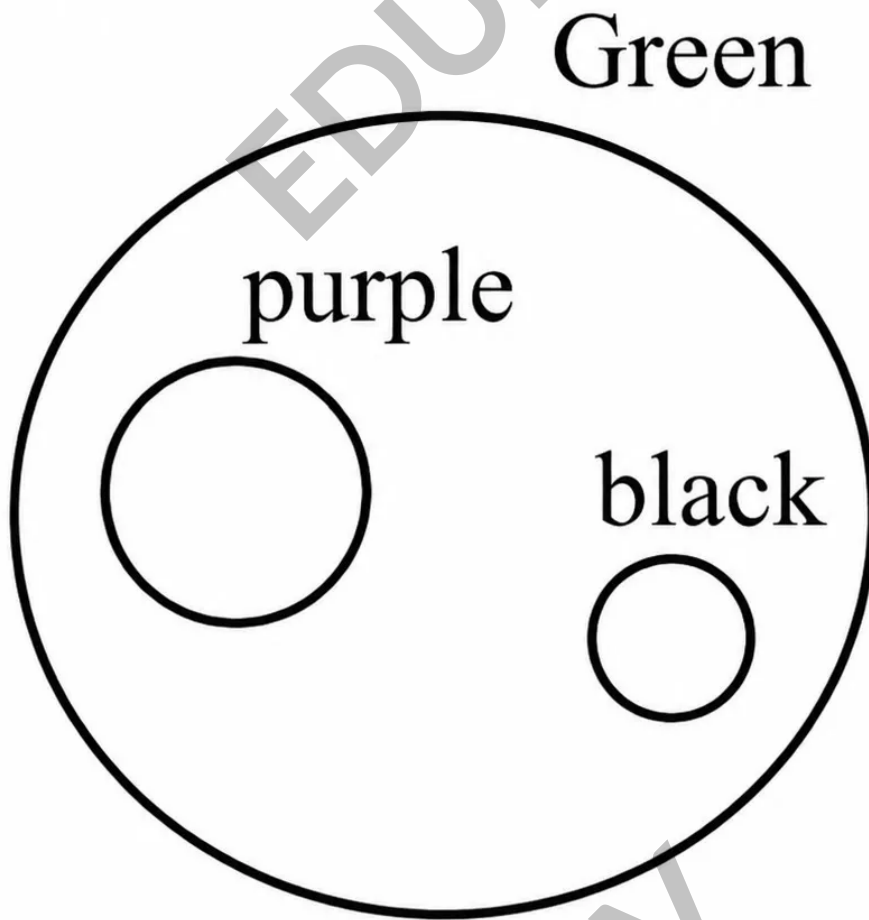


Diagram 1

No black is purple

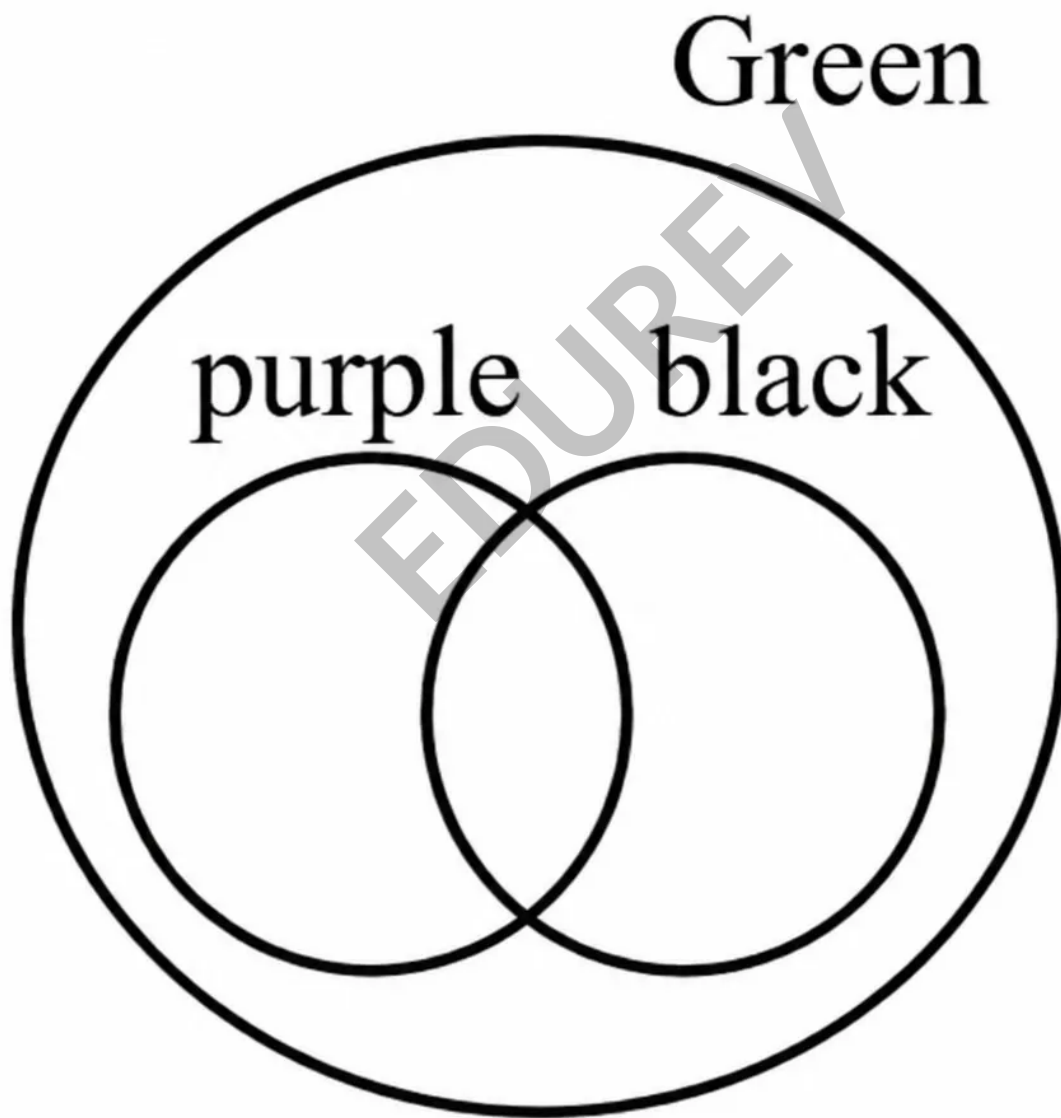


Diagram 2

Some black are purple

From above diagrams (1) & (2), it is clear that either conclusion I or II is correct

Year: GATE ECE 2021

Question 10: Computers are ubiquitous. They are used to improve efficiency in almost all fields from agriculture to space exploration. Artificial intelligence (AI) is currently a hot topic AI enables computers to learn, given enough training data. For humans, sitting in front of a computer for long hours can lead to health issues.

Which of the following can be deducted from the above passage?

- (i) Nowadays, computers are present in almost all places.**
- (ii) Computers cannot be used for solving problems in engineering**
- (iii) For humans, there are both positive and negative effects of using computers.**
- (iv) Artificial intelligence can be done without data.**

A: (ii) and (iii)

B: (ii) and (iv)

C: (i) and (iii)

D: (i), (iii) and (iv)

Answer: C

Solution: Statement (i) and (iii) can be found from the given passage.

Year: GATE ECE 2019

Question 11: "Indian history was written by British historians - extremely well documented and researched, but not always impartial. History had to serve its purpose : Everything was made subservient to the glory of the Union Jack. Latter-day Indian scholars presented a contrary picture."

From the text above, we can infer that :

Indian history written by British Historians _____.

- A: was not well documented and researched and was sometimes biased**
- B: was well documented and not researched but was always biased**
- C: was well documented and researched but was sometimes biased**
- D: was not well documented and researched and was always biased**

Answer: C

Year: GATE ECE 2019

Question 12: Four people are standing in a line facing you. They are Rahul, Mathew, Seema and Lohit. One is engineer, one is a doctor, one a teacher and another a dancer. You are told that :

- 1. Mathew is not standing next to Seema.**
- 2. There are two people standing between Lohit and the engineer.**
- 3. Rahul is not a doctor.**
- 4. The teacher and the dancer are standing next to each other.**
- 5. Seema is turning to her right to speak to the doctor standing next to her.**

Who among them is an Engineer ?

A: Seema

B: Rahul

C: Mathew

D: Lohit

Answer: C

Year: GATE ECE 2018

Question 13: The Cricket Board has long recognized John's potential as a leader of the team. However, his on-field temper has always been a matter of concern for them since his junior days. While this aggression has filled stadia with die-hard fans, it has taken a toll on his own batting. Until recently, it appeared that he found it difficult to convert his aggression into big scores. Over the past three seasons though, that picture of John has been replaced by a cerebral, calculative and successful batsman-captain. After many years, it appears that the team has finally found a complete captain.

Which of the following statements can be logically inferred from the above paragraph?

- (i) Even as a junior cricketer. John was considered a good captain.**
- (ii) Finding a complete captain is a challenge.**

(iii) Fans and the Cricket Board have differing views on what they want in a captain

(iv) Over the past three seasons John has accumulated big scores.

A: (ii) and (iv) only

B: (i), (ii) and (iii) only

C: (iii) and (iv) only

D: (i), (ii), (iii) and (iv)

Answer: A

Year: GATE ECE 2018

Question 14: A coastal region with unparalleled beauty is home to many species of animals. It is dotted with coral reefs and unspoilt white sandy beaches. It has remained inaccessible to tourists due to poor connectivity and lack of accommodation. A company has spotted the opportunity and is planning to develop a luxury resort with helicopter service to the nearest major city airport. Environmentalists are upset that this would lead to the region becoming crowded and polluted like any other major beach resorts.

Which one of the following statements can be logically inferred from the information given in the above paragraph?

A: The culture and tradition of the local people will be influenced by the tourists.

B: The region will become crowded and polluted due to tourism.

C: The coral reefs are on the decline and could soon vanish.

D: Helicopter connectivity would lead to an increase in tourists coming to the region.

Answer: B

Year: GATE ECE 2017 Set 2

Question 15: "If you are looking for a history of India, or for an account of the rise and fall of the British Raj, or for the reason of the cleaving of the subcontinent into two mutually antagonistic parts and the effects this mutilation will have in the respective sections, and ultimately on Asia, you will not find it in these pages for though I have spent a lifetime in the country, I lived too near the seat of events, and was too intimately associated with the actors,

to get the perspective needed for the impartial recording of these matters."

Which of the following statement best reflects the author's opinion?

- A:** An intimate association does not allow for the necessary perspective.
- B:** Matters are recorded with an impartial perspective.
- C:** An intimate association offers an impartial perspective.
- D:** Actors are typically associated with the impartial recording of matters.

Answer: C

Year: GATE ECE 2017 Set 1

Question 16: "If you are looking for a history of India, or for an account of the rise and fall of the British Raj, or for the reason of the cleaving of the subcontinent into two mutually antagonistic parts and the effects this mutilation will have in the respective sections, and ultimately on Asia, you will not find it in these pages: for though I have spent a lifetime in the country. I lived too near the seat of events, and was too intimately associated with the actors, to get the perspective needed for the impartial recording of these matters".

Here, the word 'antagonistic' is closest in meaning to

- A:** impartial
- B:** argumentative
- C:** separated
- D:** hostile

Answer: C