Pass The Predictive Index Cognitive Assessment Test

TAKE THE FIRST STEPS TO ACE THIS TRICKY TEST
Sample Questions & Tips Included

Dear Candidate,

The Predictive Index (PI) Cognitive Assessment is a demanding 12-minute test that challenges your verbal, numerical, logical, and abstract reasoning skills through 50 questions.

What makes this exam particularly tough are two factors: **the complexity of the questions and the time pressure**. With only **14 seconds** to answer each question on average, managing your time effectively is crucial.

Employers worldwide use the PI Cognitive Assessment to evaluate your decision-making, learning ability, and adaptability across various roles and situations.

For comprehensive preparation, including detailed explanations and practice questions, be sure to explore JobTestPrep's specialized prep program.

Good luck,
JobTestPrep

PI Cognitive Assessment - Key Considerations

Here is some key considartions of what you can expect on the predictive index cognitive test.

◆ **Speed and Accuracy**: The test challenges you to strike a balance between speed and accuracy. With only 12 minutes to answer all questions, time management is crucial. Your goal should be to answer as many questions as you can within the time limit while maintaining a reasonable level of accuracy.

◆ **Focus on Reasoning**: The PI Cognitive Assessment is designed to measure your reasoning abilities, not your general knowledge. It's about how well you can solve problems and think critically in a limited timeframe.

◆ **Adaptive Engine**: The test uses a Linear-on-the-Fly Test (LOFT) engine, which adjusts the difficulty of questions based on your performance. This ensures that the questions are appropriate for your skill level, making the test a fair and accurate assessment of your cognitive abilities.

This PDF provides a preview of the questions you can expect on the real exam. For comprehensive preparation with detailed guides and explanations, explore our full PI Cognitive Assessment PrepPack.

Get Started Now

💡TWO FOR ONE💡

PI BEHAVIORAL & COGNITIVE BUNDLE PREPPACK

Questions and Full Explanations

To help you pass the Predictive Index Cognitive Assessment, we at JobTestPrep created sample questions accurately simulating those found on the actual test.

This is but a small portion of the questions you'll find on the JobTestPrep preparation.

It includes 3 sections:

Numerical Section: Assess your skills in arithmetic, numerical sequences, and mathematical problem-solving. Strong arithmetic and pattern recognition are essential.

Verbal Reasoning: Test your vocabulary, grammar, and reading comprehension. Success requires a strong word arsenal, understanding of writing styles, and critical thinking.

Abstract Reasoning: Focuses on identifying patterns and relationships using shapes and symbols. Spatial reasoning, logical thinking, and pattern recognition are key to success.

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Predictive Index - Basic Math

The Predictive Index Basic Math section tests a candidate's ability to quickly solve basic arithmetic problems, including addition, subtraction, multiplication, division, fractions, percentages, and ratios. It assesses numerical reasoning and practical application of math skills.

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1. Which of the following is the smallest value?

A. 0.45
B. 0.054
C. 0.09
D. 0.05

Answer:

The correct answer is D.

From largest to smallest: 0.45>0.09>0.054>0.05

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2. Which of the following values is the smallest?

A. 0.046
B. 0.032
C. 0.054
D. 0.063

Answer:

The correct answer is B.
From largest to smallest: 0.063 > 0.054 > 0.046 > 0.032.

Let me know if you'd like to move on to the next question!

Predictive Index - Word Problems

The Math Word Problems section tests a candidate's ability to solve mathematical problems presented in a real-world context. Candidates must interpret the problem, extract relevant information, and apply appropriate mathematical operations to find the solution. This section evaluates both problem-solving and critical thinking skills.

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3. Jack and Jill have 44 cookies together. Jack has three times more cookies than Jill. How many cookies does he have?

A. 9
B. 11
C. 22
D. 33

Answer:

The correct answer is D.

If Jack has three times more cookies than Jill, you can build the following equation letting Jill be X and Jack be 3X:

$3X + X = 44$

$4X = 44$

Divide both sides of the equation by 4:

$X = 11$ - The number of cookies Jill has

$3X = 3 \times 11 = 33$ - The number of cookies Jack has

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4. A bakery has 120 cookies in total. The number of chocolate chip cookies is three times the number of oatmeal cookies. If the total number of cookies is 120, how many chocolate chip cookies are there?

A.
B.
C.
D.

Answer:

The correct answer is B.

Let the number of oatmeal cookies be X, and the number of chocolate chip cookies be 3X.

So, the equation becomes:

$3X + X = 120$

$4X = 120$

Divide both sides of the equation by 4: $X = 30$ – The number of oatmeal cookies.

$3X = 3 * 30 = 90$ – The number of chocolate chip cookies.

Predictive Index - Number Series

The Predictive Index Number Series section assesses a candidate's ability to recognize patterns in sequences of numbers. Candidates must identify the logical progression and determine the next number in the series, testing their numerical reasoning and pattern recognition skills.

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5. What would be the next number in the following series?

0.25 | 0.5 | 2.5 | 5 | 7 | ?

A. 14
B. 17
C. 34
D. 22

Answer:

The correct answer is A.

The logical rule behind this series is an alternating arithmetic function – multiplication followed by addition.
The first number is multiplied by 2 to get the second number. Then 2 is added to the second number to get the third number, and so on: x2, +2, x2, +2 ...
Therefore, the last number in the series, 7, should be multiplied by 2: 7 x 2 = 14

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6. What would be the next number in the following series?

1.25 | 2.5 | 5 | 20 | 22 | ?

A.
B.
C.
D.

Answer:

The correct answer is D.
The logical rule behind this series alternates between multiplication and addition:
The first number is multiplied by 2 to get the second number: 1.25 * 2 = 2.5
Then, 2.5 is added to the second number: 2.5 + 2.5 = 5
Next, the number 5 is multiplied by 4: 5 * 4 = 20
Then, 20 has 2 added to it: 20 + 2 = 22
Following this pattern, the last step would be:
22 * 2 = 44

Predictive Index - Analogy Questions

The Predictive Index - Analogy Questions section evaluates a candidate's ability to identify relationships between pairs of words or concepts. Candidates must recognize how one pair relates and apply the same logic to choose the correct corresponding pair, testing their logical reasoning and verbal reasoning abilities.

7. STRINGS is to GUITAR as:

A. WOOD is to CELLOB

B. PIANO is to KEYSC

C. BARS is to XYLOPHONED

D. VIOLIN is to FLUTE

Answer:

STRINGS are the part of the GUITAR that makes the music.

Let's try to apply it to all answer choices:

A. WOOD is the part of the CELLO which makes the music.

B. PIANO is the part of the KEYS which makes the music.

C. BARS are the part of the XYLOPHONE which makes the music.

D. VIOLIN is the part of the FLUTE which makes the music.

Of all answer choices, only C maintains the original relationship.

The correct answer is C.

8. HANDS are to HUMAN as:

A. WINGS are to BIRD

B. FINS are to FISH

C. LEGS are to HUMAN

D. ANTENNAE are to INSECTS

Answer:

The correct answer is A.

HANDS are a part of the HUMAN that are used to perform specific tasks.

Let's test the options:

A. WINGS are a part of the BIRD used for flight, maintaining the original relationship.

B. FINS are part of a FISH, but they are used for swimming, not for the same function as hands in humans.

C. LEGS are part of the HUMAN, but they don't perform the same function as hands.

D. ANTENNAE are part of INSECTS but are used for sensing, not for the same tasks as hands.

Predictive Index - Synonym / Antonym

The Predictive Index - Synonym/Antonym section tests a candidate's vocabulary and verbal reasoning skills. Candidates are asked to identify words with similar meanings (synonyms) or opposite meanings (antonyms) to a given word, assessing their understanding of language and ability to recognize relationships between words.

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9. Choose the word that is most nearly OPPOSITE to the word in the capital letters:
BRASH

A. Dull
B. Polite
C. Arrogant
D. Shiny
E. Callous

Answer:
The correct answer is B.

Brash is being confident and aggressive in a rude or unpleasant way. Its antonym is polite - having or showing good manners or respect for other people.

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10. Choose the word that is most nearly OPPOSITE to the word in capital letters:
EPHEMERAL

A. Transient
B. Eternal
C. Fleeting
D. Temporary

Answer:
The correct answer is B.
Ephemeral refers to something that is short-lived or temporary. Its opposite would be eternal, meaning lasting forever.

Predictive Index - Logical Reasoning

The Predictive Index Logical Reasoning section evaluates a candidate's ability to think critically and logically. It involves identifying patterns, making inferences, and solving problems based on given information. This section tests the candidate's capacity for clear, structured thinking and decision-making.

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11. Answer the question according to the given information below:

<u>Assumptions</u>

Most technicians work on the first floor.

All accountants work on the second floor.

No secretaries work on the third floor.

Conclusion: Rose, a technician, works on the third floor.

If the assumptions are true, is the conclusion:

A. Cannot be determined | B. Correct | C. Incorrect

Answer:

The correct answer is A.

According to the first assumption, most technicians work on the first floor. This means that at least one technician does not work on the first floor. Thus, Rose may or may not work on the third floor.

Therefore, the conclusion Cannot be determined based on the information.

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12. Answer the question according to the given information below:

Assumptions:

All engineers work on the second floor.

Some accountants work on the first floor.

No engineers work on the third floor.

Conclusion: John, an engineer, works on the second floor.

If the assumptions are true, is the conclusion:

A. Cannot be determined | B. Correct | C. Incorrect
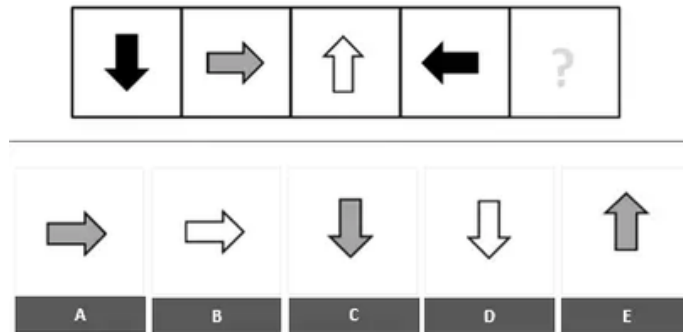

Answer:

The correct answer is B.

According to the first assumption, all engineers work on the second floor. Since John is an engineer, the conclusion that John works on the second floor is correct.

Predictive Index - Next in Series [Abstract Reasoning]

The Predictive Index - Next in Series (Abstract Reasoning) section tests a candidate's ability to identify patterns in abstract sequences, such as shapes, figures, or symbols. Candidates must recognize the underlying rule or logic and determine what comes next in the series, assessing their abstract thinking and problem-solving skills.

13. Which of the following boxes should replace the question mark (?) to complete the pattern?
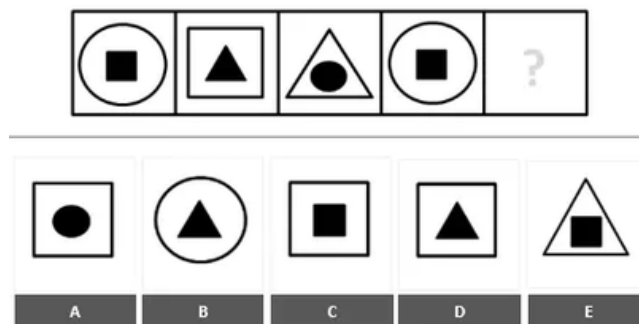
Answer:

The correct answer is C.

The direction of the arrows moves 90 degrees counterclockwise.
The order of the colors of the arrows is: black, gray, and white.
Thus, the following arrow in the series must be gray and pointing downwards.

14. Which of the following boxes should replace the question mark (?) to complete the pattern?

Answer:

The correct answer is D.
The above series has two characteristics that change: The inside shape and the outside shape.
The pattern of the outside shapes is - circle, square, and triangle.
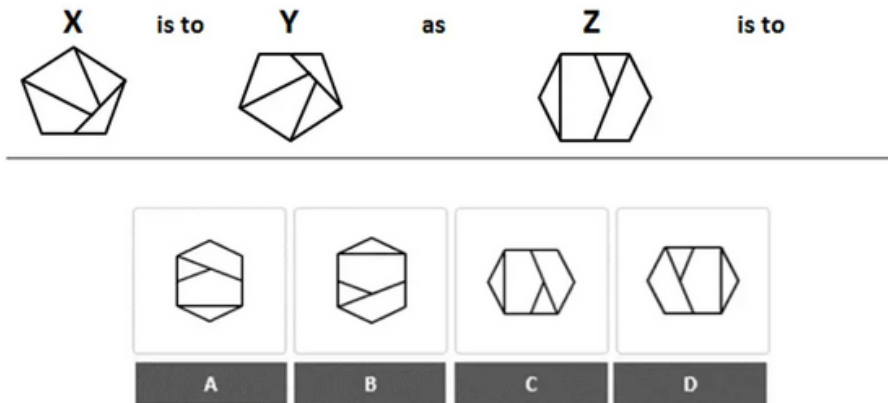The pattern of the inside shapes is - square, triangle, and circle.
Thus, following this pattern, the answer is a square with a triangle inside.

Predictive Index - Abstract Analogies

The Predictive Index Abstract Analogies section evaluates a candidate's ability to understand relationships between abstract concepts or shapes. Candidates must identify how one figure or pattern relates to another and apply the same logic to find the correct match, testing their abstract reasoning and pattern recognition abilities.

15. Choose the appropriate shape:

Answer:

The correct answer is C.
The relationship between figure X and figure Y is as follows:
Figure Y is figure X flipped vertically.

The correct answer must have the same relationship with figure Z.
Answer A can be eliminated as it represents figure Z rotated 90° counterclockwise.
Answer B can be eliminated as it represents figure Z flipped vertically and rotated 90° counterclockwise.
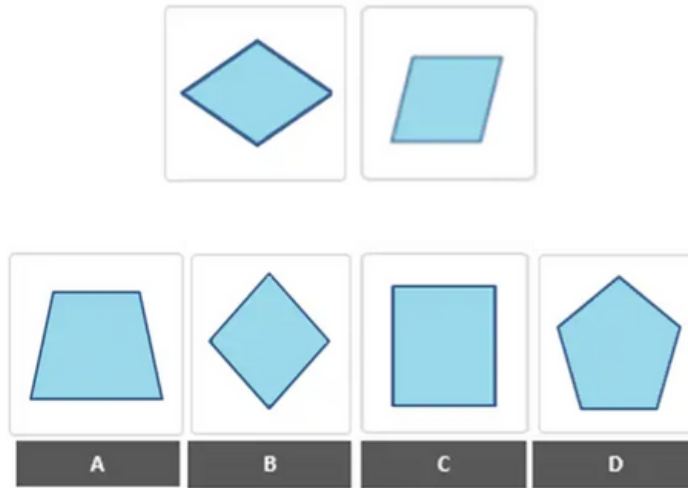Answer D can be eliminated as it represents figure Z flipped horizontally.
You are left with answer C, which is the correct answer, as it depicts figure Z flipped vertically.

Predictive Index - Odd One Out

The Predictive Index Odd One Out section tests a candidate's ability to spot the item that doesn't belong in a group. Candidates must identify the one element in a set of similar items that is different based on a specific characteristic, assessing their pattern recognition and critical thinking skills.

16. Which figure below does not share the same features as the two figures above?

Answer:

The correct answer is D.

All the other shapes have four sides, while answer D is a heptagon, having five sides.

How Can JobTestPrep Help You Prepare?

Over the years, JobTestPrep has helped **thousands of** satisfied Predictive Index test takers with their aptitude tests.

The Benefits:

◆ PI Cognitive Diagnostic Test with personalized feedback

◆ 5 Full PI Cognitive Simulations

◆ 43 PI Cognitive Practice Tests

◆ Of all question types: Numerical, Verbal, Abstract/Visual

◆ 11 Study Guides & Video Tutorials

Visit JobTestPrep's Predictive Index page or search Google for "PI Cognitive JobTestPrep" for the most comprehensive and accurate Predictive Index preparation available today.

Looking for complete Predictive Index preparation? Check out our Predictive Index Bundle, which covers both sections of the PI test in detail.

All Inclusive Predictive Index Preparation