**[Directions to Solve](javascript:%20void%200;)**

A good way to figure out the relationship in a given question is to make up a sentence that describes the relationship between the first two words. Then, try to use the same sentence to find out which of the answer choices completes the same relationship with the third word.

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| 1. Marathon is to race as hibernation is to |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | winter | | [**B.**](javascript:%20void%200;) | bear | | [**C.**](javascript:%20void%200;) | dream | | [**D.**](javascript:%20void%200;) | sleep |   **Answer:** Option **D**  **Explanation:**  A marathon is a long race and hibernation is a lengthy period of sleep. The answer is not choice a or b because even though a bear and winter are related to hibernation, neither completes the analogy. (Choice c) is incorrect because sleep and dream are not synonymous. |

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| 1. Reptile is to lizard as flower is to |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | petal | | [**B.**](javascript:%20void%200;) | stem | | [**C.**](javascript:%20void%200;) | daisy | | [**D.**](javascript:%20void%200;) | alligator |   **Answer:** Option **C**  **Explanation:**  A lizard is a type of reptile; a daisy is a type of flower. Choices a and b are incorrect because a petal and a stem are parts of a flower, not types of flowers. (Choice d) is incorrect because an alligator is another type of reptile, not a type of flower. |

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| 1. Play is to actor as concert is to |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | symphony | | [**B.**](javascript:%20void%200;) | musician | | [**C.**](javascript:%20void%200;) | Piano | | [**D.**](javascript:%20void%200;) | percussion |   **Answer:** Option **B**  **Explanation:**  An actor performs in a play. A musician performs at a concert. Choices a, c, and d are incorrect because none is people who perform. |

[**Directions to Solve**](javascript:%20void%200;)

Choose the picture that would go in the empty box so that the two bottom pictures are related in the same way as the top two are related.

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| 4). | https://www.indiabix.com/_files/images/logical-reasoning/5-225-q-1.png |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | **1** | | [**B.**](javascript:%20void%200;) | **2** | | [**C.**](javascript:%20void%200;) | **3** | | [**D.**](javascript:%20void%200;) | **4** |   **Answer:** Option **C**  **Explanation:**  Scissors is to knife as pitcher is to watering can. This relationship is about function. The scissors and knife are both used for cutting. The pitcher and watering can are both used for watering. |

[**Directions to Solve**](javascript:%20void%200;)

Every one of the following questions consists of a related pair of words, followed by five pairs of words. Choose the pair that best represents a similar relationship to the one expressed in the original pair of words.

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| 5)PFINCH : BIRD |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | frog :toad | | [**B.**](javascript:%20void%200;) | elephant : reptile | | [**C.**](javascript:%20void%200;) | Dalmatian : dog | | [**D.**](javascript:%20void%200;) | collie : marsupial | | [**E.**](javascript:%20void%200;) | ant : ladybug |   **Answer:** Option **C**  **Explanation:**  A finch is a type of bird; a Dalmatian is a type of dog. |

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| 6) JAUNDICE : LIVER |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | rash : skin | | [**B.**](javascript:%20void%200;) | dialysis : kidney | | [**C.**](javascript:%20void%200;) | smog : lung | | [**D.**](javascript:%20void%200;) | valentine : heart | | [**E.**](javascript:%20void%200;) | imagination : brain |   **Answer:** Option **A**  **Explanation:**  Jaundice is an indication of a liver problem; rash is an indication of a skin problem. |

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| 7)Yard is to inch as quart is to |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Gallon | | [**B.**](javascript:%20void%200;) | Ounce | | [**C.**](javascript:%20void%200;) | Milk | | [**D.**](javascript:%20void%200;) | Liquid |   **Answer:** Option **B**  **Explanation:**  A yard is a larger measure than an inch (a yard contains 36 inches). A quart is a larger measure than an ounce (a quart contains 32 ounces). Gallon (choice a) is incorrect because it is larger than a quart. Choices c and d are incorrect because they are not units of measurement. |

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| |  |  |  | | --- | --- | --- | | 8) rule | Command | dictate | | doze | Sleep | ? | |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Snore | | [**B.**](javascript:%20void%200;) | Govern | | [**C.**](javascript:%20void%200;) | Awaken | | [**D.**](javascript:%20void%200;) | Hibernate |   **Answer:** Option **D**  **Explanation:**  The words above the line show a continuum: Command is more extreme than rule, and dictate is more extreme than command. Below the line, the continuum is as follows: Sleep is more than doze, and hibernate is more than sleep. The other choices are not related in the same way. |

[**Directions to Solve**](javascript:%20void%200;)

In each question below is given a statement followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Give answer

* (A) If only assumption I is implicit
* (B) If only assumption II is implicit
* (C) If either I or II is implicit
* (D) If neither I nor II is implicit
* (E) If both I and II are implicit.

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| **9) Statement:**A warning in a train compartment - "To stop train, pull chain. Penalty for improper use Rs. 500."  **Assumptions:**   1. Some people misuse the alarm chain. 2. On certain occasions, people may want to stop a running train. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Only assumption I is implicit | | [**B.**](javascript:%20void%200;) | Only assumption II is implicit | | [**C.**](javascript:%20void%200;) | Either I or II is implicit | | [**D.**](javascript:%20void%200;) | Neither I nor II is implicit | | [**E.**](javascript:%20void%200;) | Both I and II are implicit |   **Answer:** Option **E**  **Explanation:**  Clearly, the penalty is imposed to prevent people from misusing the alarm chain. This means that some people misuse it. So, I is implicit. The alarm chain is provided to stop the running train in times of urgency. So, II is also implicit. |

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| **10) Statement:**Why don't you invite Anthony for the Christmas party this year?  **Assumptions:**   1. Anthony is not from the same city. 2. Unless invited Anthony will not attend the party. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Only assumption I is implicit | | [**B.**](javascript:%20void%200;) | Only assumption II is implicit | | [**C.**](javascript:%20void%200;) | Either I or II is implicit | | [**D.**](javascript:%20void%200;) | Neither I nor II is implicit | | [**E.**](javascript:%20void%200;) | Both I and II are implicit |   **Answer:** Option **B**  **Explanation:**  Anthony's place of living is not mentioned in the statement. So, I is not implicit. Assumption II follows from the statement and so it is implicit. |

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| **11) Statement:**If you are an engineer, we have a challenging job for you.  **Assumptions:**   1. We need an engineer. 2. You are an engineer. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Only assumption I is implicit | | [**B.**](javascript:%20void%200;) | Only assumption II is implicit | | [**C.**](javascript:%20void%200;) | Either I or II is implicit | | [**D.**](javascript:%20void%200;) | Neither I nor II is implicit | | [**E.**](javascript:%20void%200;) | Both I and II are implicit |   **Answer:** Option **A**  **Explanation:**  Clearly, job is offered to an engineer. This means that he is needed. So, I is implicit. The word 'If' in the statement makes II not implicit. |

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| **12) Statement:**Equality of income throughout a community is the essential condition for maximising the total utility which the total income available could confer on the members of that community.  **Assumptions:**   1. If extra income were taken from the rich and given to the poor, the total utility experienced by the community would increase. 2. Equal pay for equal work. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Only assumption I is implicit | | [**B.**](javascript:%20void%200;) | Only assumption II is implicit | | [**C.**](javascript:%20void%200;) | Either I or II is implicit | | [**D.**](javascript:%20void%200;) | Neither I nor II is implicit | | [**E.**](javascript:%20void%200;) | Both I and II are implicit |   **Answer:** Option **A**  **Explanation:**  The total utility can be maximised by equality of income throughout the community, i.e., by giving extra income from the rich to the poor. So, I is implicit. Also, II pertains to economic right and is not concerned with equality of income throughout the community. So, it is not implicit. |

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| **13) Statement:**Quality of life of a person is not dependent only on his wealth.  **Assumptions:**   1. The aim of most people is just to acquire more wealth. 2. There are some factors other than wealth which contribute to the quality of life. 3. Wealth does not contribute to the quality of life at all. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Only I is implicit | | [**B.**](javascript:%20void%200;) | Only I and II are implicit | | [**C.**](javascript:%20void%200;) | Only II is implicit | | [**D.**](javascript:%20void%200;) | Only II and III are implicit | | [**E.**](javascript:%20void%200;) | Only I and III are implicit |   **Answer:** Option **C**  **Explanation:**  Clearly, I does not follow from the statement. So, it is not implicit. The statement mentions that quality of life does not depend only on wealth. This means that there are some other factors as well, which govern the quality of life. But this does not imply that wealth does not contribute at all. So, II is implicit while III is not. |

[**Directions to Solve**](javascript:%20void%200;)

First, you will be given a list of three "nonsense" words and their English word meanings. The question(s) that follow will ask you to reverse the process and translate an English word into the artificial language.

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| 14) Here are some words translated from an artificial language. *godabim* means kidney stones *romzbim* means kidney beans *romzbako* means wax beans Which word could mean "wax statue"? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | godaromz | | [**B.**](javascript:%20void%200;) | Lazbim | | [**C.**](javascript:%20void%200;) | wasibako | | [**D.**](javascript:%20void%200;) | Romzpeo |   **Answer:** Option **C**  **Explanation:**  In this language, the adjective follows the noun. From *godabim* and *romzbim*, you can determine that bim means kidney. From *romzbim* and *romzbako*, you can determine that *romz* means beans. Therefore, *bako* means wax. Because the adjective wax must come after the noun in this language, *wasibako* is the only choice. |

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| 15) Here are some words translated from an artificial language. *myncabel* means saddle horse *conowir* means trail ride *cabelalma* means horse blanket Which word could mean "horse ride"? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Cabelwir | | [**B.**](javascript:%20void%200;) | conocabel | | [**C.**](javascript:%20void%200;) | Almamyn | | [**D.**](javascript:%20void%200;) | conoalma |   **Answer:** Option **A**  **Explanation:**  Myn means saddle; cabel means horse; cono means trail; and wir means ride. Therefore, cabelwir is the correct answer. |

[**Directions to Solve**](javascript:%20void%200;)

Translate from an imaginary language into English. Then, look for the word elements that appear both on the list and in the answer choices.

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| 16) Here are some words translated from an artificial language. *slar* means jump *slary* means jumping *slarend* means jumped Which word could mean "playing"? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | clargslarend | | [**B.**](javascript:%20void%200;) | Clergy | | [**C.**](javascript:%20void%200;) | Ellaclarg | | [**D.**](javascript:%20void%200;) | Slarmont |   **Answer:** Option **B**  **Explanation:**  According to this language, slar means jump. The suffix -ing is represented by -y. Since choice b is the only one that ends in the letter y, this is the only possible option. |
| 17) Here are some words translated from an artificial language. *plekapaki* means fruitcake *pakishillen* means cakewalk *treftalan* means buttercup Which word could mean "cupcake"? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | shillenalan | | [**B.**](javascript:%20void%200;) | treftpleka | | [**C.**](javascript:%20void%200;) | Pakitreft | | [**D.**](javascript:%20void%200;) | Alanpaki |   **Answer:** Option **D**  **Explanation:**  Pleka meansa fruit; paki means cake; shillen means walk; treftmeans butter; and alanmeans cup. Therefore, alanpaki means cupcake. |

[**Directions to Solve**](javascript:%20void%200;)

In these series, you will be looking at both the letter pattern and the number pattern. Fill the blank in the middle of the series or end of the series.

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| 18) B2CD, \_\_\_\_\_, BCD4, B5CD, BC6D |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | B2C2D | | [**B.**](javascript:%20void%200;) | BC3D | | [**C.**](javascript:%20void%200;) | B2C3D | | [**D.**](javascript:%20void%200;) | BCD7 |   **Answer:** Option **B**  **Explanation:**  Because the letters are the same, concentrate on the number series, which is a simple 2, 3, 4, 5, 6 series, and follows each letter in order. |

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| 19) QPO, NML, KJI, \_\_\_\_\_, EDC |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | HGF | | [**B.**](javascript:%20void%200;) | CAB | | [**C.**](javascript:%20void%200;) | JKL | | [**D.**](javascript:%20void%200;) | GHI |   **Answer:** Option **A**  **Explanation:**  This series consists of letters in a reverse alphabetical order. |

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| 1. QAR, RAS, SAT, TAU, \_\_\_\_\_ |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | UAV | | [**B.**](javascript:%20void%200;) | UAT | | [**C.**](javascript:%20void%200;) | TAS | | [**D.**](javascript:%20void%200;) | TAT |   **Answer:** Option **A**  **Explanation:**  In this series, the third letter is repeated as the first letter of the next segment. The middle letter, A, remains static. The third letters are in alphabetical order, beginning with R. |

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| 21) https://www.indiabix.com/_files/images/logical-reasoning/5-92-q-1.png |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | **1** | | [**B.**](javascript:%20void%200;) | **2** | | [**C.**](javascript:%20void%200;) | **3** | | [**D.**](javascript:%20void%200;) | **4** |   **Answer:** Option **D**  **Explanation:**  Look for opposites in this series of figures. The first and second segments are opposites of each other. The same is true for the third and fourth segments. |

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| 22) https://www.indiabix.com/_files/images/logical-reasoning/5-91-q-1.png |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | **1** | | [**B.**](javascript:%20void%200;) | **2** | | [**C.**](javascript:%20void%200;) | **3** | | [**D.**](javascript:%20void%200;) | **4** |   **Answer:** Option **C**  **Explanation:**  In this series, the shaded part inside the circle gets larger and then smaller. |

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| 23) ELFA, GLHA, ILJA, \_\_\_\_\_, MLNA |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | OLPA | | [**B.**](javascript:%20void%200;) | KLMA | | [**C.**](javascript:%20void%200;) | LLMA | | [**D.**](javascript:%20void%200;) | KLLA |   **Answer:** Option **D**  **Explanation:**  The second and forth letters in the series, L and A, are static. The first and third letters consist of an alphabetical order beginning with the letter E. |

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| Candid is to indirect as honest is to |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | frank | | [**B.**](javascript:%20void%200;) | wicked | | [**C.**](javascript:%20void%200;) | truthful | | [**D.**](javascript:%20void%200;) | untruthful |   Answer: Option D  Explanation:  Candid and indirect refer to opposing traits. Honest and untruthful refer to opposing traits. The answer is not choice a because frank means the same thing as candid.Wicked (choice b) is incorrect because even though it refers to a negative trait, it does not mean the opposite of honest. (Choice c) is incorrect because truthful and honest mean the same thing. |
| 24) Look at this series: 22, 21, 23, 22, 24, 23, ... What number should come next? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 22 | | [**B.**](javascript:%20void%200;) | 24 | | [**C.**](javascript:%20void%200;) | 25 | | [**D.**](javascript:%20void%200;) | 26 |   **Answer:** Option **C**  **Explanation:**  In this simple alternating subtraction and addition series; 1 is subtracted, then 2 is added, and so on. |

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| 25) 6 10 14 18 22 26 30 |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 36 40 | | [**B.**](javascript:%20void%200;) | 33 37 | | [**C.**](javascript:%20void%200;) | 38 42 | | [**D.**](javascript:%20void%200;) | 34 36 | | [**E.**](javascript:%20void%200;) | 34 38 |   **Answer:** Option **E**  **Explanation:**  This simple addition series adds 4 to each number to arrive at the next |

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| |  |  |  | | --- | --- | --- | | apples | fruit | supermarket | | novel | book | ? | |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | bookstore | | [**B.**](javascript:%20void%200;) | magazine | | [**C.**](javascript:%20void%200;) | vegetable | | [**D.**](javascript:%20void%200;) | shopping |   **Answer:** Option **A**  **Explanation:**  The relationship above the line is as follows; apples are a kind of fruit; fruit is sold in a supermarket. Below the line, the relationship is: a novel is a kind of book; books are sold in a bookstore. |