

## Sample Questions

### LOGICAL ABILITY

Q1. If FEATURES is written as GCDPZLLK in a code, what will be the fourth letter from the left, if ADVANTAGE is written in that code?

- 1) E
- 2) F
- 3) W
- 4) X

Q2. Refer to the terms given below. There is a pattern that defines the relationship between the first two terms. Determine this relationship and then identify the missing term of the second pair, such that both the pairs are analogous.

QDXM : SFYN :: UIOZ :

- 1) PAQM
- 2) LPWA
- 3) QNLA
- 4) WKPA

Q3. Refer to the number series given below. Identify the pattern/relationship between the numbers and find the missing number.

11, 12, 16, 25, 41, 66, \_\_\_\_

- 1) 101
- 2) 102
- 3) 103
- 4) 104

Q4. Given below is a question followed by two statements I and II. Find out if the information given in the statement(s) is sufficient to answer the question.

**Question:** Is Brock taller than Smith?

**Statement I.** Rafael is of the same height as Brock and Smith.

**Statement II.** Smith is shorter than Rafael.

- 1) Statement I alone is sufficient to answer the question.
- 2) Statement II alone is sufficient to answer the question.
- 3) Both statements put together are sufficient to answer the question.
- 4) Even both the statements put together are not sufficient to answer the question.
- 5) Either of the statements is sufficient to answer the question.

Q5. Four options are given below. Three of these options are similar to each other because they follow the same pattern. Identify the option that is dissimilar to the other three.

- 1) AE6
- 2) FD10
- 3) AD6
- 4) DE9

Q6. Refer to the symbols below and their corresponding meanings. The given signs denote the following operations/relationships:

$X \leq Y$  means X is less than or equal to Y.

$X/Y$  means X is equal to Y.

$X = Y$  means X is greater than Y.

$X + Y$  means X is half of Y.

**Question:** Which of the two conclusions I and II is/are definitely true based on the information provided?

**Statements:**

$R \leq A$ ,  $B = A$  and  $B/C$

**Conclusions:**

I.  $R \leq C$

II.  $A + C$

- 1) Only conclusion I is true
- 2) Only conclusion II is true
- 3) Both the conclusions are true
- 4) Neither conclusion I nor II is true

Q7. John runs 5 miles south and then 25 miles west. Next, he runs 5 miles north. How far is he from his initial position?

- 1) 5 miles
- 2) 20 miles
- 3) 25 miles
- 4) 30 miles

Q8. Analyze the list of words in the Question Statement below. Choose the response that represents the most meaningful relationship between the words. (The relationship between the words might be based on size, quantity, chronological sequence, value, appearance, or the order of steps in a process.)

1. Cotton
2. Plough
3. Mill
4. Seed
5. Cloth

- 1) 3,1,2,4,5
- 2) 1,5,4,3,2
- 3) 3,4,5,2,1
- 4) 2,4,1,3,5

Q9. There are certain conditions given in the passage. A decision has to be taken on the basis of the given conditions. There is a case based on the set of conditions. Please take a decision for the case and mark the correct answer.

William Trevino, who works in a public corporation owned by a state department, is an American national. He is 23 years of age. He holds a bachelor's degree and has an annual income of \$35,000. He has been staying in Georgia for 7 years. Neither he nor any of his relatives works as a distributor or a dealer for any oil company. The question given below is followed by two statements I and II. Decide if the statements contain sufficient information to answer the question.

**Passage:**

Conditions for appointing a distributor, for petroleum gas throughout Georgia, are as follows. The applicant should:

1. be an American by nationality.
2. be in the age group of 21-50 years as on September 05, 2008.
3. be at least a high school graduate or any other recognized equivalent.
4. be a resident of Georgia. He/she should have stayed in Georgia for not less than 5 years, immediately preceding the date of application.
5. have a family income of not more than \$30,000 annually.
6. not have dealership of any oil company.
7. not have any close relative as a dealer/distributor of any oil company.

However,

- A. restrictions related to annual income would not be applicable to applicants working in corporations, owned or controlled by state departments. Such a case should be referred to the Managing Director.
- B. for unemployed applicants who hold at least a bachelor's degree, conditions (6) and (7) may be waived.
- C. if the applicant is from a rural district but is not a resident of Georgia, the case may be referred to the Chairman.

**Should the given applicant be selected? (The case is presented as on 1.2.2009. All dates are in dd.mm.yyyy format.)**

- 1) Applicant should be selected
- 2) Applicant should not be selected
- 3) Insufficient data
- 4) The case should be referred to the Managing Director
- 5) The case should be referred to the Chairman

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