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*COIMBATORE-641 035, TAMIL NADU*

# Logical Reasoning - Statement and Conclusion

**Directions to Solve**
In each question below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.
Give answer:

- (A) If only conclusion I follows
- (B) If only conclusion II follows
- (C) If either I or II follows
- (D) If neither I nor II follows and
- (E) If both I and II follow.

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1. **Statements:** In a one day cricket match, the total runs made by a team were 200. Out of these 160 runs were made by spinners.

**Conclusions:**

I - 80% of the team consists of spinners.

II -The opening batsmen were spinners.

A) Only conclusion I follows
B) Only conclusion II follows
C) Either I or II follows
D) Neither I nor II follows
E) Both I and II follow

**Answer: Option D**

**Explanation:**

According to the statement, 80% of the total runs were made by spinners. So, I does not follow. Nothing about the opening batsmen is mentioned in the statement. So, II also does not follow.

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2. **Statements:** The old order changed yielding place to new.

**Conclusions:**

I - Change is the law of nature.

II - Discard old ideas because they are old.

A) Only conclusion I follows
B) Only conclusion II follows

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C) Either I or II follows
D) Neither I nor II follows
E) Both I and II follow

**Answer: Option A**

**Explanation:**

Clearly, I directly follows from the given statement. Also, it is mentioned that old ideas are replaced by new ones, as thinking changes with the progressing time. So, II does not follow.

3. **Statements:** Government has spoiled many top ranking financial institutions by appointing bureaucrats as Directors of these institutions.

**Conclusions:**

I - Government should appoint Directors of the financial institutes taking into consideration the expertise of the person in the area of finance.

II - The Director of the financial institute should have expertise commensurate with the financial work carried out by the institute.

   A) Only conclusion I follows
   B) Only conclusion II follows
   C) Either I or II follows
   D) Neither I nor II follows
   E) Both I and II follow

**Answer: Option E**

**Explanation:**

According to the statement, Government has spoiled financial institutions by appointing bureaucrats as Directors. This means that only those persons should be appointed as Directors who are experts in finance and are acquainted with the financial work of the institute. So, both I and II follow.

4. **Statements:** Population increase coupled with depleting resources is going to be the scenario of many developing countries in days to come.

**Conclusions:**

I - The population of developing countries will not continue to increase in future.

II - It will be very difficult for the governments of developing countries to provide its people decent quality of life.

   A) Only conclusion I follows
   B) Only conclusion II follows
   C) Either I or II follows
   D) Neither I nor II follows
   E) Both I and II follow

**Answer: Option B**

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**Explanation:**

The fact given in I is quite contrary to the given statement. So, I does not follow. II mentions the direct implications of the state discussed in the statement. Thus, II follows.

5 . **Statements:** Prime age school-going children in urban India have now become avid as well as more regular viewers of television, even in households without a TV. As a result there has been an alarming decline in the extent of readership of newspapers.

**Conclusions:**

I - Method of increasing the readership of newspapers should be devised.

II - A team of experts should be sent to other countries to study the impact of TV. on the readership of newspapers.

   A) Only conclusion I follows
   B) Only conclusion II follows
   C) Either I or II follows
   D) Neither I nor II follows
   E) Both I and II follow

**Answer: Option D**

**Explanation:**

The statement concentrates on the increasing viewership of TV. and does not stress either on increasing the readership of newspapers or making studies regarding the same. So, neither I nor II follows.

Directions to Solve
In each of the following questions, a statement/group of statements is given followed by some conclusions. Without resolving anything yourself choose the conclusion which logically follows from the given statements).
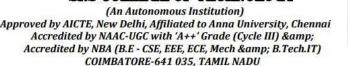
1. Soldiers serve their country.
A) Men generally serve their country.
B) Those who serve their country are soldiers.
C) Some men who are soldiers serve their country.
D) Women do not serve their country because they are not soldiers.
**Answer: Option C**

2. A factory worker has five children. No one else in the factory has five children.
   A) All workers in the factory have five children each.
   B) Everybody in the factory has children.
   C) Some of the factory workers have more than five children.
   D) Only one worker in the factory has exactly five children.

**23GET276 & VQAR-II**     Ms.Poornavalli R     3

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**Answer: Option D**

3. Television convinces viewers that the likelihood of their becoming the victim of a violent crime is extremely high; at the same time by its very nature, TV persuades viewers to passively accept whatever happens to them.

   A) TV viewing promotes criminal behaviour.
   B) TV viewers are most likely to be victimized than others.
   C) People should not watch TV.
   D) TV promotes a feeling of helpless vulnerability in viewers.

**Answer: Option D**

4. A forest has as many sandal trees as it has Ashoka trees. Three-fourth of the trees are old ones and half of the trees are at the flowering stage.

   A) All Ashoka trees are at the flowering stage.
   B) All sandal trees are at the flowering stage.
   C) At least one-half of the Ashoka trees are old.
   D) One-half of the sandal trees are at the flowering stage.
   E) None of these

**Answer: Option E**

5. The government is soon going to introduce a bill which would permit the instituting of private universities under very strict directions.

   A) We have some private universities in our country even now.
   B) The demand for more universities is being stepped up.
   C) Such directions can also be issued without informing the Parliament.
   D) The government gives directions to establish anything in private sector.
   E) Unless and until the directions are given, the private universities can charge exorbitant fees.

**Answer: Option B**

Directions to Solve
In each question below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.
Give answer:

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- (B) If only conclusion II follows
- (C) If either I or II follows
- (D) If neither I nor II follows and
- (E) If both I and II follow.

1. **Statements:** The best evidence of India's glorious past is the growing popularity of Ayurvedic medicines in the West.

**Conclusions:**

I - Ayurvedic medicines are not popular in India.

II - Allopathic medicines are more popular in India.

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A) Only conclusion I follows
B) Only conclusion II follows
C) Either I or II follows
D) Neither I nor II follows
E) Both I and II follow

**Answer: Option D**

**Explanation:**

The popularity of Ayurvedic or allopathic medicines in India is not being talked about in the statement. So, neither I nor II follows.

2. **Statements:** Death keeps no calendar.

**Conclusions:**

I - Man must die one day.

II - Death can come at any time.

A) Only conclusion I follows
B) Only conclusion II follows
C) Either I or II follows
D) Neither I nor II follows
E) Both I and II follow

**Answer: Option E**

**Explanation:**

Both I and II directly follow from the statement.

3. **Statements:** Wind is an inexhaustible source of energy and an aerogenerator can convert it into electricity. Though not much has been done in this field, the survey shows that there is vast potential for developing wind as alternative source of energy.

**Conclusions:**

I - Energy by wind is comparatively newly emerging field.

II - The energy crisis can be dealt by exploring more in the field of aero-generation.

A) Only conclusion I follows
B) Only conclusion II follows
C) Either I or II follows
D) Neither I nor II follows
E) Both I and II follow

**Answer: Option E**

**Explanation:**

The phrase 'not much has been done in this field' indicates that wind energy is a comparatively newly emerging field. So, I follows. The expression 'there is vast potential for developing wind as alternative source of energy' proves II to

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be true.

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4. **Statements:** The average number of persons per household is 5 in urban areas whereas it is 7 in rural areas. The national average is 6.

**Conclusions:**

I - The population per unit area in the rural areas is higher than in the urban areas.

II - More persons live in the same household in the rural areas as compared to those in the urban areas.

   A) Only conclusion I follows
   B) Only conclusion II follows
   C) Either I or II follows
   D) Neither I nor II follows
   E) Both I and II follow

**Answer: Option B**

**Explanation:**

The population per household and not the population per unit area is being talked about in the statement. So, only II follows while I does not.

5. **Statements:** The best way to escape from a problem is to solve it.

**Conclusions:**

I - Your life will be dull if you don't face a problem.

II - To escape from problems, you should always have some solutions with you.

   A) Only conclusion I follows
   B) Only conclusion II follows
   C) Either I or II follows
   D) Neither I nor II follows
   E) Both I and II follow

**Answer: Option D**

**Explanation:**

Clearly, both I and II do not follow from the given statement.