



Rajasthan Administrative Services

Rajasthan Public Service Commission

Volume - 10

Reasoning & Mental Ability



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Reasoning & Mental Ability

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Logical Reasoning

Statement and Argument

Q.I A statement is followed by two arguments I and II. Choose which of the argument/s is/are strong : (2023)

Statement : Should all diesel engines be replaced by electric engines in trains?

Arguments:

1. Yes, diesel engine causes a lot of pollution.

11. No, India does not produce enough electricity to fulfil even the domestic needs.

- (A) Neither argument I nor argument II is strong
- (B) Both of the arguments are strong
- (C) Only argument II is strong
- (D) Only argument I is strong
- (E) Question not attempted
- Q.2 A statement is followed by four arguments numbered 1, 11, 111 & IV. Choose which of the argument(s) is/are strong argument(s)? (2018)

Statement:

Should the rule of wearing helmet for both driver and pillion rider while driving a motor cycle be enforced strictly?

Arguments:

- 1 No, each individual knows how to protect his own life and it should be left to his discretion.
- 11 Yes, it is a rule and rules should be followed strictly by all.
- III Yes, it is a necessity as the head is most sensitive/controlling organ, it should be protected by the helmet.
- IV No, it does not ensure safety of the head.
- (A) None is strong (B) Only I and IV are strong
- (C) Only II and III are strong (D) Only I and II are strong

Q.3 Consider the following:

Statement:

Should there be recruitment in Government service on the basis of past academic performance rather than through competitive examinations?

Arguments:

- 1. Yes, it will be beneficial for those candidates who are unable to bear the expenses of competitive examinations.
- **II.** No, the past academic performance cannot be made the basis of recruitment because there is no uniformity in the assessment by the Universities.

Which one is/are the strong argument/s?

(A) Only I (B) Only II (C) Neither I, nor II (D) Both I and II

Statements and Assumptions

Q.4 A statement is followed by two assumptions I and II. Consider the statement and the following assumptions and decide which of the assumption/s is/are implicit in the given statement: (2023)

Statement: If it does not rain throughout this month, most of the farmers would be in trouble this year.

Assumptions:

I. Timely rain is essential for farming.

11. Most of the farmers are generally dependent on rains.

- (A) Neither assumption I nor assumption II is implicit.
- (B) Both of the assumptions are implicit.
- (C) Only assumption II is implicit.
- (D) Only assumption I is implicit.
- (E) Question not attempted
- Q.5 A statement is followed by two assumptions numbered I and II. Consider the statement and the following assumptions and decide which of the assumption is implicit in the given statement? (2021)

Statement:

Lalita has a large collection of books and she keeps on purchasing new books to add to her collection.

Assumptions:

- I Lalita has read each and every book that she has purchased.
- 11 Lalita has love and passion for books.
- (A) Only I assumption is implicit
- (B) Only II assumption is implicit
- (C) Both of the assumptions are implicit
- (D) Neither I assumption nor II assumption is implicit

Q.6 In this question, a statement is followed by two assumptions :

Statements:

Though he is fat yet he runs fast.

Assumptions :

- I Fat people have weak muscles.
- 11 Fat people generally cannot run fast.

Then which of the answer is correct?

- (A) Only I is implied in the statement
- (B) Only II is implied in the statement
- (C) Both I and II are implied in the statement
- (D) Neither I, nor II is implied in the statement

Statement and Course of Action

Q.7 Study the given statement then decide which of the suggested course of action follows logically: (2023)

Statement:

The meteorological department has issued a notification forecasting less rainfall during next year's monsoon.

Course of Action:

- 1. The government should make arguments to provide water to the affected areas.
- **II.** The farmers should be advised to be ready for the eventuality.
- (A) Neither I nor II follows (B) Both I and II follow
- (C) Only II follows (D) Only I follows
- (E) Question not attempted

Q.8 Study the following then answer the question –

Statement :

The petrol prices have gone up during the past few weeks.

(2021)

(2018)

Courses of Action :

- 1. The government should set up an expert committee to study the trend of prices.
- 11. The government should immediately reduce taxes on petrol.
- 111. The government should advise the general public to refrain from purchasing petrol for few weeks.

Decide which of the suggested course of action follows.

(A) Only I (B) Only II (C) Only III (D) None of these

Q.9 A statement with two courses of action is given below. (2018)

You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested course of action logically follows?

Statement :

A large number of employees have gone on a mass casual, leave in protest against the company's new recruitment policy.

Courses of Action :

1. The company should immediately withdraw the new recruitment policy.

11. All these employees should immediately be suspended from their service.

Given answer :

(A) Only I follows (B) Only II follows

(C) Neither I, nor II follows (D) Both I and II follow

Statement and Conclusion

Q.10 A statement is followed by two conclusions I and II. You have to assume everything in the statement to be true, then consider the two conclusions and decide which of them logically follows: (2023)

Statement :

After joining, Municipal Commissioner told to people of city "A' – "My first and foremost task is to beautify this city like Indore."

Conclusions :

- 1. The people of city "A" are not aware about the present condition of the city.
- 11. The Commissioner has worked in Indore and has good experience of beautifying cities.
- (A) Neither conclusion I nor conclusion II follows
- (B) Both of the conclusions follows

- (C) Only conclusion II follows
- (D) Only conclusion I follows
- (E) Question not attempted
- Q.11 A statement is followed by two conclusions numbered 1 & 11. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows. (2021)

Statement :

Nowadays parents are prepared to pay any fee for an elite education institute for the perfect development of their children.

Conclusion :

- 1. Parents have an obsessive passion for a perfect development of their children through good education institute.
- 11. These days all parents are very well off.
- (A) Only conclusion I follows
- (C) Both conclusion follows

(B) Only conclusion II follows

(D) Neither I nor II conclusion follows

Analytical Reasoning

Q.12 Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R). (2021)

Assertion (A) :

Selecting the right man for the right job at the right pay is the right approach.

Reason (R) :

A wrongly selected man is a liability.

In the above context, which one of the following is correct?

- (A) 'A' is true but 'R' is false
- (B) Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'
- (C) 'A' is false but 'R' is true
- (D) Both 'A' and 'R' are true but 'R' is not correct explanation of 'A'

Q.1 Argument 1 :

- This is a strong argument as it is based on the fact that diesel engine causes a lot of pollution.
- This argument highlights the significant environmental concern.

Argument 2 :

This statement is weak, though India Produce Limited electricity as of now but this can be increased. This argument doesn't address potential solutions or improvement in capacity. Therefore, only argument I is strong.

Q.2 Argument 1 :

It is not a strong argument because public safety rules often needs to be enforced because individuals may not always act in their own best interest or consider the safety of others.

Argument 2 :

It is a strong argument. It emphasizes the importance of rule enforcement and the consistency required for maintaining order and safety.

Argument 3 :

Strong argument as it provides a clear and compelling reason for the rule, highlighting the importance of protecting a vital part of the body.

Argument 4 :

Weak argument because while helmets may not guarantee complete safety, they significantly reduce the risk of head injuries.

Hence, only 11 and 111 are strong.

Q.3 Argument 1 :

Weak, while the argument highlights a financial concern, it does not address whether academic performance is better or more equitable measure for recruitment than competitive exams.

Moreover, financial concern can be mitigated through government interventions.

Argument 2 :

Strong As it points out the significant issue of the lack of standardization in academic assessments across different universities, which could lead to unfair comparisons and inconsistent recruitment standards.

Q.4 Assumption 1 :

It is implicit in the statement as timely rainfall is important as per the statement.

Assumption 11 :

It is implicit in the statement as most farmers would be in trouble implies that most farmers are depend on rain.

Q.5 Assumption 1:

Not implicit, Just because Lalita buys many books and adds to her collection doesn't mean she has read all of them. People can collect books for various reasons, including interest, future reading plans, or even as a hobby without reading them all.

Assumption 11 :

It is implicit. The statement suggests that Lalita continues to purchase new books to add to her already large collection, indicating that she has a strong interest and likely a passion for books.

Q.6 Assumption 1 :

Not implicit, It can't be assumed for the given statement that fat people have weak muscles because there is no such relation given in the statements. We have not to be assumed something on our

Assumption II :

Implicit, The statement implies a contrast, suggesting that it is unexpected or unusual for a fat person to run fast. This implies that generally, fat people are not expected to run fast.

- Q.7 I This course of action is logical because if less rainfall is expected, water scarcity could become a problem. Government intervention to provide water would help mitigate the potential impact on affected areas.
 - 11 This course of action is also logical because advising farmers to prepare for less rainfall would help them take necessary precautions and plan their agricultural activities accordingly.

Therefore, Both I and II follows.

- **Q.8** I This course of action is logical as it involves understanding the reason behind the price increase, which is a necessary step before taking further action. An expert committee can provide insights and recommendations for addressing the issue.
 - II This step may not be the most prudent immediate step without understanding the underlying reason for the price hike. Reducing takes can impact government revenue and should be considered after careful analysis.
 - 111 This course of action is impractical and unlikely to be effective. It is unrealistic to expect the public to stop purchasing petrol. Which is essential for daily activities and transportation.

Therefore, only I follows.

- **Q.9** I Taking extreme measures like withdrawing the new recruitment policy just because employees protesting against it can't help, so this course of action doesn't follows.
 - 11 This course of action will also not follow because it will be very harsh action against the employees who are protesting against the new recruitment policy. It can be best be solved by finding a middle path via mutual talks.

Hence, neither I, nor II follows.

Q.10 Conclusion 1 :

This conclusion cannot be logically drawn from the statement. The fact that the commissioner wants to beautify the city does not imply the people are unaware of its current condition.

Conclusion II :

This conclusion also cannot be definitively inferred. While the commissioner compares city 'A' to Indore, it does not necessarily indicate that he has prior experience of working in Indore.

Hence, neither I nor II follows.

Q.11 Conclusion 1 :

This conclusion can be logically inferred from the statement. The willingness to pay any fee indicates a strong desire and commitment to ensure their children's development, which can be interpreted as an obsessive passion.

Conclusion II :

This conclusion does not logically follow the statement. While some parents may be willing to pay high fees, it does not imply that all parents are financially well off. Many parents might be making sacrifices to afford such education, or only a segment of parents may have the means to pay.

Hence, only conclusion I follows.

Q.12 Assertion (A) :

It is true that selecting the right man for the right job at the right pay is the correct approach. This will ensure smooth and efficient functioning.

Reason (R) :

It is true because a wrongly selected man is a liability. A wrong selection can put a company into a risk of inefficiency.

But reason is not sufficient to support the assertion. Hence, Both 'A' and 'R' are true but 'R' is not correct explanation of 'A'.

