



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)

COIMBATORE-641 035, TAMIL NADU



UNIT-III VERBAL REASONING

Machine Input and Output, Coded Inequalities, syllogisms, Problems on Cubes, Data sufficiency.

Critical Reasoning -Statement and Argument, Statement and Assumption, Statement and Conclusion, Cause and effect, Course of action.

Machine Input and Output

Puzzle 1:

A machine rearranges words in a sentence in a specific pattern with each step. The input is:

"Blue Cat Jumps Over Lazy Dog"

Step 1: Cat Blue Jumps Over Lazy Dog

Step 2: Cat Dog Blue Jumps Over Lazy

Step 3: Cat Dog Jumps Blue Over Lazy

What will be the arrangement in Step 4?

Answer:

Cat Dog Jumps Lazy Blue Over

Coded Inequalities

Puzzle 2:

In a code, "A # B" means "A is greater than B," "A @ B" means "A is less than B," and "A \$ B" means "A is equal to B."

Given: X # Y @ Z \$ W

Which of the following is definitely true?

- a) X is greater than W
- b) Y is less than W
- c) X is equal to Z
- d) Z is less than Y



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)

COIMBATORE-641 035, TAMIL NADU



Answer:

b) Y is less than W

Syllogisms

Puzzle 3:

Statements:

All apples are fruits.

Some fruits are sweet.

Conclusions:

I. Some apples are sweet.

II. All sweet things are fruits.

Which conclusion(s) follow(s)?

Answer:

Neither follows. (I is not necessarily true; II is not supported.)

Problems on Cubes

Puzzle 4:

A cube is painted red on all sides and then cut into 64 smaller cubes of equal size. How many of the small cubes will have no red paint on any face?

Answer:

8 cubes (the ones completely inside, not on the surface).

Data Sufficiency



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)

COIMBATORE-641 035, TAMIL NADU



Puzzle 5:

Question: Is Ramu older than Shyam?

Statements:

1. Ramu is older than Sita.
2. Sita is older than Shyam.

Is the information sufficient to answer the question?

Answer:

Yes, both statements together are sufficient.

Statement and Argument

Puzzle 6:

Statement: Should mobile phones be allowed in school?

Argument 1: Yes, they help in learning and emergencies.

Argument 2: No, they cause distraction in class.

Which argument is strong?

Answer:

Both arguments are strong.

Statement and Assumption

Puzzle 7:

Statement: "If you want to score well, you must study regularly."

Assumption:

- a) Regular study leads to good scores.



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)

COIMBATORE-641 035, TAMIL NADU



b) Irregular study does not lead to good scores.

Which assumption is implicit?

Answer:

a) Regular study leads to good scores.

Statement and Conclusion

Puzzle 8:

Statement: All roses are flowers. Some flowers fade quickly.

Conclusion:

I. Some roses fade quickly.

II. All flowers are roses.

Which conclusion follows?

Answer:

Neither follows.

Cause and Effect

Puzzle 9:

Event 1: The city experienced heavy rainfall.

Event 2: Many roads were flooded.

Is Event 1 the cause and Event 2 the effect, or vice versa?

Answer:

Event 1 is the cause; Event 2 is the effect.



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)

COIMBATORE-641 035, TAMIL NADU



Course of Action

Puzzle 10:

Problem: The number of accidents on highways is increasing.

Course of Action:

- a) Install more speed cameras.
- b) Ban all vehicles from highways.

Which is a reasonable course of action?

Answer:

- a) Install more speed cameras.