

# Reasoning Worksheet

Practice. Learn. Succeed

Sub : Science

Grade: IX

Date: .....

Name: .....

ID No.....

## Tick the Choice Question

### 1. Read the following statements:

A particle moves with uniform velocity.

P : Its speed is zero

Q : Its acceleration is zero

R : Its acceleration is opposite to the velocity

S : Its speed may be variable

**Select the correct alternative:**

(a) P and S are false

(c) only R is true

(b) P, R, S all three are false

(d) none of the statements are true

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### 2. Read the following statements:

A : Displacement has both magnitude and direction

B : Displacement can be represented geometrically

C : Magnitude of displacement is always less than the distance

D : Displacement is always positive.

**Select the correct alternative:**

(a) All four are correct

(c) Only C is incorrect

(d) C, D are incorrect whereas A, B correct statements

(b) A, B, C are correct

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