

Reasoning Worksheet

Practice. Learn. Succeed

Sub : Science

Grade: IX

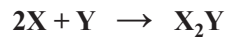
Date:

Name:

ID No.....

Tick the Choice Question

1. Two substances X and Y were made to react to form a third substance, X₂Y according to the following reaction:



Read the following statements

- i. The product X₂Y is an element.
- ii. The product will always have a fixed composition.
- iii. The product so formed shows the properties of substances A and B.
- iv. The product so formed can be classified as a compound.

Select the correct alternative(s) from the following:

- (a) (i) and (ii) are true
- (b) (ii) and (iii) are true
- (c) (iii) and (iv) are true
- (d) (ii) and (iv) are true

2. Which of the following are homogeneous in nature?

- (i) Air
- (ii) Ice
- (iii) Muddy water
- (iv) Chalk in water

Select the correct alternative (s):

- (a) (i) and (ii)
- (b) (ii) and (iii)
- (c) (iii) and (iv)
- (d) (i) and (iv)
