

Solution of the day/Nov-1, 2018

6th Class

- **Mathematics:** Ans: (A)
- **Physics:** Ans: (B)
- **Chemistry:** Ans: (B)
- **Biology:** Ans: (B)

7th Class

- **Mathematics:** Ans: (A)
- **Physics:** Ans: 8
- **Chemistry:** Ans: False. They have high melting point and boiling points.
- **Biology:** Ans: (C)

8th class

- **Mathematics:** Ans: (C)
- **Physics:** Ans: (C)
- **Chemistry:** Ans: (A)
- **Biology:** Ans: (D)

9th Class

- **Mathematics:** Ans: (C)
- **Physics:** Ans: The ratio of image distance to object distance or the ratio of size of the image to size of the object is known as magnification.
- **Chemistry:** Ans: (B)
- **Biology:** Ans: (C)

10th class

➤ **Mathematics:** Ans: (C)

➤ **Physics:** Ans: (A)

$$m = \frac{I}{O} = -\frac{v}{u} = -\frac{\left(\frac{600}{31}\right)}{-600} = +\frac{1}{31} \quad \therefore I = +\frac{O}{31}$$

$$\therefore \text{Breadth} = \frac{2m}{31} = \frac{200}{31} \text{ cm} = 6.4 \text{ cm}; \text{ Height} = \frac{1.6m}{31} = \frac{160}{31} \text{ cm} = 5.2 \text{ cm}$$

➤ **Chemistry:** Ans: (D)

➤ **Biology:** Ans: (B)

➤ **Reasoning :**

Ans: (B) In all the pairs, the difference of two numbers is 8 and both are even number, but in option (B) both numbers are odd (not divisible by 2).