

## Mathematics

Day: Friday  
Date: 17<sup>th</sup> April, 2020

Class - VII

### Exercise → 1.4

- Ques 5: The temperature decreases  $2^{\circ}\text{C} = 1$  hour  
 The temperature decreases  $1^{\circ}\text{C} = \frac{1}{2}$  hour  
 The temperature decreases  $18^{\circ}\text{C} = \frac{1}{2} \times 18 = 9$  hours

$$\begin{aligned} \text{Total time} &= 12 \text{ noon} + 9 \text{ hours} = 21 \text{ hours} \\ &= 9 \text{ p.m.} \end{aligned}$$

So, 9 p.m. the temperature would be  $8^{\circ}\text{C}$  below  $0^{\circ}\text{C}$ .

### Ques & answer:

- (i) Marks given for 1 correct answer = 3  
 Marks given for 12 Correct answer =  $3 \times 12 = 36$  marks  
 Radhika scored = 20 marks

Therefore, Marks obtained for incorrect answer =  $20 - 36 = -16$   
 Marks given for 1 incorrect answer = ~~16~~ -2

$$\text{No. of incorrect answer} = \frac{-16}{-2} = 8$$

- (ii) Marks given for 7 correct answer =  $3 \times 7 = 21$  marks  
 Mohini scores = -5  
 Marks given for obtained for incorrect answer =  $-5 - 21$   
 $= -26$

Marks given for 1 incorrect answer = -2

$$\text{Number of incorrect answers} = \frac{726}{55} = 13$$

Mohini has attempted 13 incorrect questions

Ques. 7 ans.

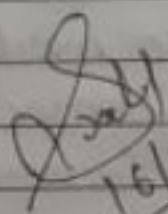
$$\begin{aligned} \text{Total distance covered by mine shaft} &= 10\text{m} - (-350)\text{m} \\ &= 10 + 350 \\ &= 360\text{m} \end{aligned}$$

$$\begin{aligned} \text{Time taken to cover a distance of } 6\text{m} &= 1 \text{ minute} \\ \text{" " " " " " " " } 1\text{m} &= \frac{1}{6} \text{ minute} \end{aligned}$$

$$\text{" " " " " " " " } 360\text{m} = \frac{1}{6} \times 360$$

$$= 60 \text{ minute}$$

$$= 1 \text{ hour}$$

  
16/04/2020

H.W: Do these ques. in fair notebook.