

Science

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(Chapter - 3) (Heat)
(Class - VII)

Question 4:

Match the following:

- (i) Land breeze blows during
- (ii) Sea breeze blows during
- (iii) Dark colored clothes are preferred during
- (iv) Light colored clothes are preferred during

- (a) summer
- (b) winter
- (c) day
- (d) night

Answer 4:

- (i) Land breeze blows during
- (ii) Sea breeze blows during
- (iii) Dark colored clothes are preferred during
- (iv) Light colored clothes are preferred during

- (d) night
- (c) day
- (b) winter
- (a) summer

Question 5:

Discuss why wearing more layers of clothing during winter keeps us warmer than wearing just one thick piece of clothing.

Answer 5:

The air gets trapped between two layers of warm clothes. Air acts as insulator of heat. This layer prevents our body heat to escape in the surroundings. More layers of thin clothes will allow more air to get trapped and as a result we will not feel cold. So wearing more layers of clothing during winter keeps us warmer than wearing just one thick piece of clothing.

Question 6:

Look at Fig. 4.13. Mark where the heat is being transferred by conduction, by convection and by radiation.

Answer 6:



Question 7:

In places of hot climate, it is advised that the outer walls of houses be painted white. Explain.

Answer 7:

In places of hot climate, it is advised that the outer walls of houses be painted white because white colour reflects most of the heat that falls on it or we can say it absorbs less amount of heat. Therefore, the temperature inside the house does not increase very much.

Ncert Science Class Chapter 3

Arti Arora



Ncert Science Class Chapter 3:

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