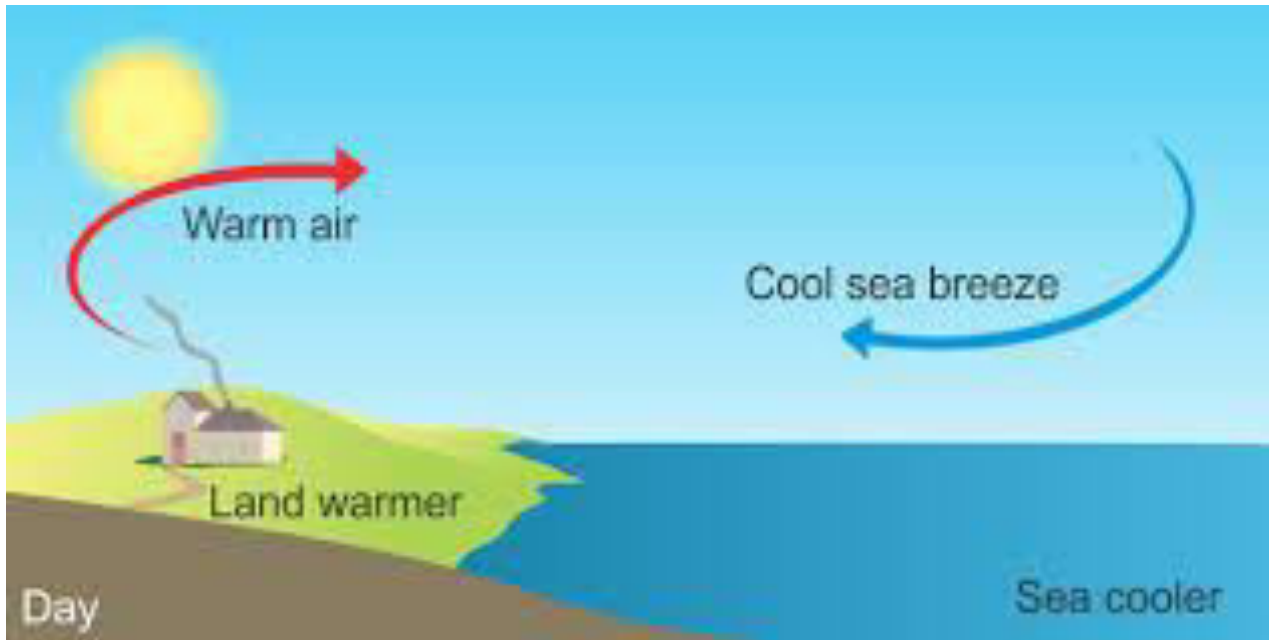


PISA TYPE QUESTION

QUESTION 1

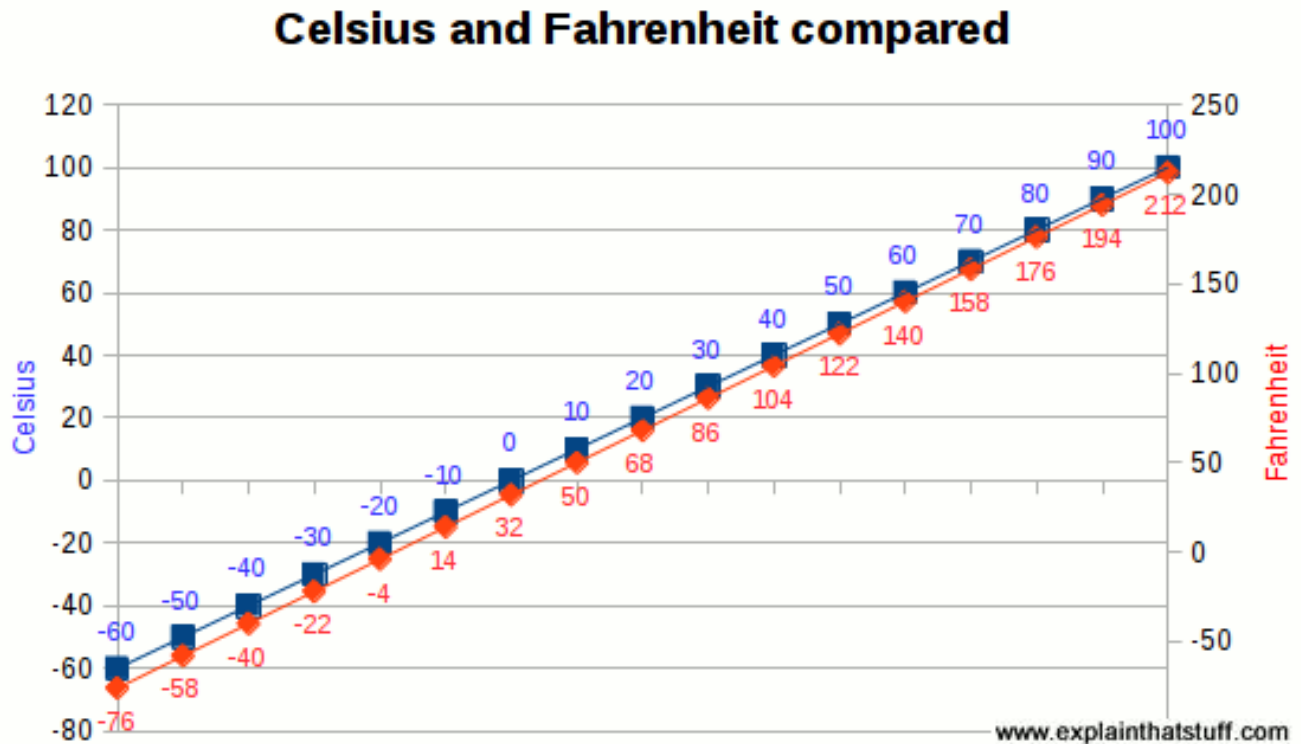
During the day, land heats up faster than water. The air over land becomes hotter than the air over sea. The lighter hot air over land rises up and creates a low pressure area over land. Then cooler high pressure air over sea rushes to take the place created by rising of air over land.



- i) Which mode of heat transfer is talked about in the above paragraph?
- ii) Name the type of breeze.
- iii) What will happen during the night?

QUESTION 2

The following graph represents how Degree Celsius and Fahrenheit scale of thermometers are related.



Observing the graph carefully answer the following questions:

- i) Temperature at which ice freezes in Fahrenheit.
- ii) Boiling point of water in both scales.
- iii) Normal human body temperature in Celsius and Fahrenheit.

ANSWERS

1.
 - i) Convection
 - ii) Sea breeze
 - iii) Land breeze will take place.
 2.
 - i) 32° F
 - ii) 100° C, 212° F
 - iii) 37° C, 98.6° F
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