Lesson 15. Parameters affecting performance of solar passive heating devices

Question Bank - Answers

1. Performance of the thermal system will be better at higher the solar insolation. (True / False)

(Ans : True)

2. The heat loss will be higher in the solar thermal system at higher wind velocity.

3. The transparent cover should possess better transmittance to allow maximum possible solar radiation in to the solar thermal system.

4. Selective coatings are available for better thermal conversion of absorber plates in solar thermal collectors.

5. If the flow rate is optimum in solar thermal collectors, heat transfer rate of the system will be maximum .