



UNIT

9

TRANSFER OF HEAT

MULTIPLE CHOICE QUESTIONS

1. Ice is an:
 - (a) Good conductor
 - (b) Bad conductor
 - (c) Perfect Conductor
 - (d) None
2. There are ----- methods of transmission of heat:
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4
3. Which of the following is best for insulation?
 - (a) Glass
 - (b) Air
 - (c) Brass
 - (d) Fiber glass
4. Transmission of heat from one body to another body by the interaction of atoms and electrons:
 - (a) Conduction
 - (b) Convection
 - (c) Radiation
 - (d) All of above
5. Transfer of heat by the actual movement of molecules:
 - (a) Conduction
 - (b) Convection
 - (c) Radiation
 - (d) All of above
6. Geysers work on the principle of:
 - (a) Conduction
 - (b) Convection
 - (c) Radiation
 - (d) All of above
7. Transmission of heat by waves without affecting medium on its way:
 - (a) Conduction
 - (b) Convection
 - (c) Radiation
 - (d) All of above
8. Ventilation in our houses is only possible due to:
 - (a) Conduction
 - (b) Convection
 - (c) Radiation
 - (d) All of above
9. Heat from sun reaches us by:
 - (a) Conduction
 - (b) Convection
 - (c) Radiation
 - (d) All of above
10. Water is a:
 - (a) Good conductor
 - (b) Poor conductor
 - (c) Super conductor
 - (d) Insulator
11. Feathers of the birds are:
 - (a) Conductor
 - (b) Semiconductor
 - (c) Insulators
 - (d) None of them
12. Land and sea breezes are due to:
 - (a) Conduction
 - (b) Convection
 - (c) Radiation
 - (d) All of them
13. Global warming in the world is due to:
 - (a) Greenhouse effect
 - (b) Land and sea breezes
 - (c) Radiation
 - (d) None of them

14. Black surfaces are ----- emitter:
 (a) Best (b) Good
 (c) Worst (d) Poor
15. Shinning silvered surfaces are ----- reflector:
 (a) Best (b) Good
 (c) Worst (d) Poor
16. Coloured surfaces are ----- absorber
 (a) Best (b) Good
 (c) Worst (d) Poor
17. The gases in the Earth's atmosphere, which causes the greenhouse effect:
 (a) Carbon dioxide (b) Water vapors
 (c) Both a & b (d) None of them
18. Which one is (are) the insulator (s)?
 (a) Cork (b) Cotton
 (c) Rubber (d) All of them
19. Movement of water on heating is shown by the crystal of:
 (a) Sodium chloride (b) Potassium permanganate
 (c) Calcium carbonate (d) None of them

ANSWER KEY

| | | | | | | | | | |
|----|---|----|---|----|---|----|---|----|---|
| 1 | b | 2 | c | 3 | B | 4 | a | 5 | b |
| 6 | b | 7 | c | 8 | B | 9 | c | 10 | c |
| 11 | b | 12 | b | 13 | a | 14 | a | 15 | a |
| 16 | b | 17 | c | 18 | d | 19 | b | | |

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