**Question bank : Smokeless Chulha**

1. Which of the following things are important in deciding the minimum number of windows to put in a room? (Select all that apply)
2. Floor area of the room
3. The size and position of windows and whether they have blinds or shades.
4. Purpose of the building.
5. Heat generated by equipment
6. The number of room occupants
7. The heat generated by lighting
8. No of gazettes used in the room

Answer: A,B,C,D,E,F

1. To have good ventilation there should be smaller openings for outlets and larger openings for inlets (This statement is true or false?)

Answer: False (Outlets should be vice versa )

1. To have good ventilation ceiling fans work best if they are8-9 feet above the floor and 10 – 12 inches below the ceiling (This statement is true or false?)

Answer : True

1. Which of the following statements are true for thermal mass? (select all that apply)
2. Thermal mass is similar to ‘heat capacity
3. Sun is the most important source of thermal energy
4. Moon is the most important source of thermal energy
5. Thermal mass will **absorb** thermal energy when the surroundings are hot
6. Thermal mass will **emit** thermal energy when the surroundings are cool
7. All of the above

Answer : ABDE

1. Convection Currents are ------------------- motions of particles that occur when there is difference in air pressure. (fill in the blanks)
2. random
3. magnetic
4. circular
5. Electromagnetic
6. Answer : C (circular)
7. In India the prominent wind direction is from the ------ or the East therefore our house should face that direction (fill in the blank)
8. South east
9. North East
10. South
11. North

Answer : B – North East

1. Which of the following are the ways to provide ventilation ? (select all that apply)
2. Vents
3. Window
4. Ceiling Fan
5. Exhaust fan
6. Roof gap
7. Double roof technique
8. All the above

Answer : F (All the above)