

Chapter 14

MULTIPLE CHOICE QUESTIONS

1. (a) 2. (c) 3. (c) 4. (b)
5. (d)

VERY SHORT ANSWER QUESTIONS

6. Low melting point.
7. Miniature Circuit Breaker (MCB).
8. (i) conductor (ii) chemicals stored
(iii) safety device (iv) battery
9. (i) Battery (ii) Fuse
(iii) Torch (iv) Switch
10. No. The towel may burn due to the heat produced by the bulb. Besides, it will also result in wastage of electric energy.
11. CFLs do not waste electricity as heat.
12. To check the excessive flow of electric current.

SHORT ANSWER QUESTIONS

13. No, a geyser and a television set require different amount of current. Therefore the fuse used in these will be of different ratings.
14. Heating effect – Geyser, room heater.
Magnetic effect – Electric bell, Cranes to lift magnetic material.
15. The child may put his/her fingers into the socket and he/she may get an electric shock which could be fatal.
16. Paheli's electromagnet will attract more pins as it has more number of turns of wire on it and thus a stronger electromagnet.

