

17. What are secondary sexual characters?
18. Write one difference between metal and a non-metal.
19. The extract of red rose turns the liquid X to green. What is the nature of the liquid X?
20. You are provided with three iron nails, each dipped in oil, water and vinegar. Which iron nail will not rust?

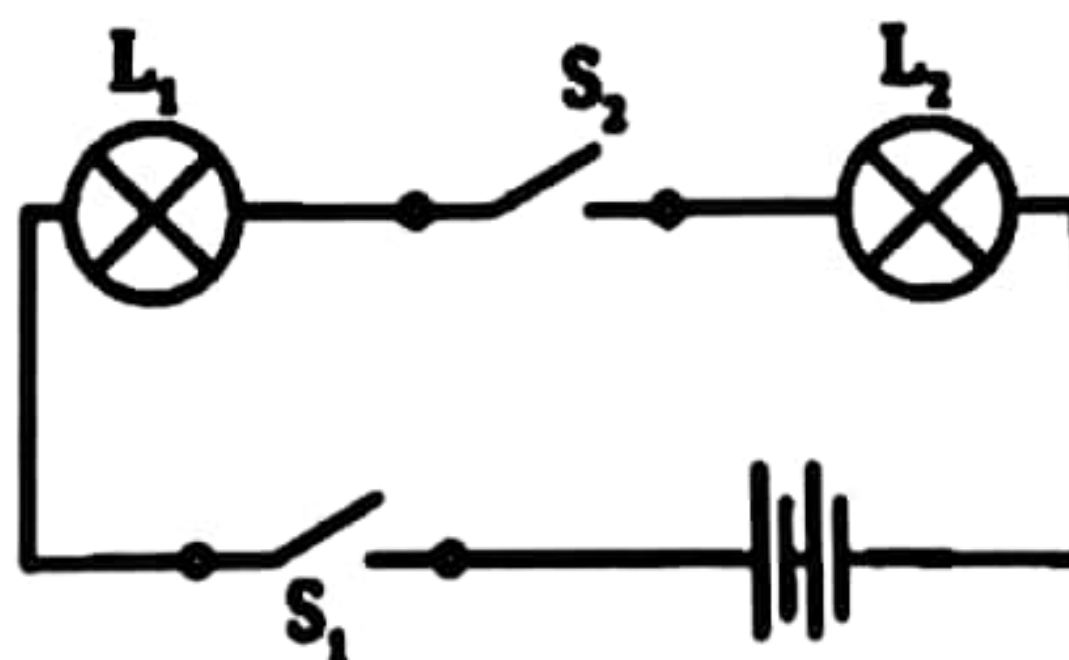
V. Answer the following questions in two or three sentences each:- 5 X 2 = 10

21. Mention any two changes commonly found in both boys and girls during adolescence.
22. What is meant by neutralization reaction? Give an example.
23. What is combustion?
24. An iron smith heats iron before making tools. Why is heating necessary in this process?
25. Classify the following as good conductors and poor conductors of electricity.
iron nail, wood, lump of sulfur, aluminium foil

VI. Answer the following:-

2 X 3 = 6

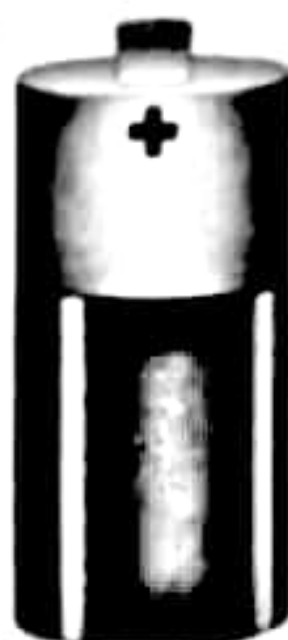
26. What happens when?
 - a) Magnesium reacts with oxygen.
 - b) Sulfur reacts with oxygen
 - c) Blue litmus paper is dipped in an acid.
27. Observe the given figure and answer the following questions.



- a) If S_2 is in ON position, S_1 in OFF position, which lamps will glow?
- b) If S_2 and S_1 both are in OFF position, which lamps will glow?
- c) If both S_2 and S_1 are in ON position, which lamps will glow?

VII. Name the circuit components given below and draw their symbols:- 1 X 4 = 4

1)



2)



3)



4)