

ATOMIC ENERGY CENTRAL SCHOOL, NARORA

WOKSHEET – MODULE – 1 /2

Sub : SCIENCE

CLASS – VII

Chapter: 14 ELECTRIC CURRENT AND ITS EFFECT

Name : _____ Roll No. _____ Date: _____

Maximum Marks: 20 Marks Obtained: _____

Fill in the blanks :

5M

1. The longer line in the symbol for cell denotes _____ terminal.
2. The combination of two or more cells is called a _____.
3. The safety device based on the heating effect of the electric current is called _____.
4. _____ mark is necessary on electric appliances.
5. The wire gets _____ when an electric current is passed through it.

Multiple choice Question:

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1. The switch of circuit can be placed in
 - a) Anywhere in the circuit
 - b) Left side of the bulb
 - c) Right side of the bulb

d) Near the battery

2. The coil of the wire present in electric heater is known as

- a) Element
- b) Component
- c) Circuit
- d) Wire

3. The current flow through the circuit when the circuit is in the

- a) Open condition
- b) Closed condition
- c) Broken condition
- d) Incomplete condition

4. A glowing filament is:

- a) At a room temperature
- b) At a high temperature
- c) At a low temperature
- d) At atmospheric temperature

5. A fuse wire is made up of

- a) Tungsten
- b) Nichrome
- c) Tin –Lead alloy
- d) Copper

Short Questions:

6. What is a circuit diagram? 2M

7. What happens if the filament of a bulb is broken? 2M

8. Give two examples of heating effect of current. 2M
9. What is a battery? 2M
10. Name any two effects of electric current. 2M