



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION**



SUBJECT: SCIENCE

REVISION WORKSHEET #6

TOPIC: ELECTRIC CURRENT & ITS EFFECTS

STD VII

RESOURCE PERSON: Mr. FRANGLINE

DATE: /08/18

Name of the student _____ Sec _____ Roll no _____

Q.1. On what factors does the heat produced in a wire depend?

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Q.2. What do you mean by heating effect of electricity?

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Q.3. Name two devices that work on the principle of magnetic effect of electric current.

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Q.4. How can we connect the cells to prepare a battery?

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Q.5. Draw a circuit diagram, using symbols, having a closed switch, a bulb, a battery of two cells and wires. Also show the direction of current flowing through the circuit.

Q.6. Name the device which helps in breaking or completing a circuit.

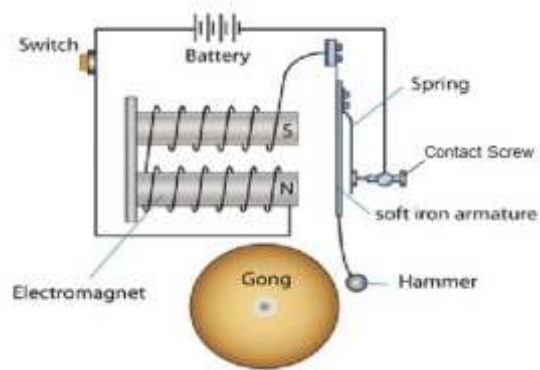
Q.7. Who observed the magnetic effect of current for the first time?

Q.8. What is the glowing part of a bulb called?

Q.9. When is the bulb said to be fused?

Q.10. What is an electromagnet? State any two factors that determine the strength of an electromagnet.

Q.11. Observe the diagram of Electric bell and answer the following questions.



Write the role of:

i) contact screw -----

ii) hammer-----

iii) electromagnet -----