



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
DEPARTMENT OF SOCIAL SCIENCE
THE AGE OF MACHINES**



NAME: _____ **CLASS/SEC:** V ___ **ROLL NO:** ___ **DATE:** ___ /10/2018

S.NO



I FILL IN THE BLANKS.

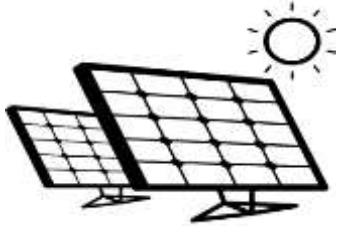

- a. A machine is a _____ that makes our work easier.
- b. Most of the machines that we use today were invented over the last _____ years ago.
- c. _____ was the first metal to be discovered.
- d. The second metal to be discovered was _____
- e. The earliest _____ articles found are about 6000 years old.
- f. _____ tools were used to cut down trees and clear forests for agriculture.
- g. The discovery of _____ helped human progress faster.
- h. _____ used the power of water to grind grains into flour.
- i. The faster means of transport became possible with the invention of the _____
- j. Smoke from several factories polluting the air during the _____
- k. _____ was the first fuel used in steam engines to produce steam.
- l. _____ is another source of energy found deep inside the earth.
- m. _____ is used to run machines in several factories.

II NAME THE FOLLOWING.

- a. The metal to be discovered after copper and bronze. _____
- b. The significant change from hand-made goods to machine-made goods which began in Britain in the 18th century. _____
- c. The first person to make a small battery which could produce an electric current in a wire. _____
- d. The force of flowing water of rivers used to generate electricity.

III IDENTIFY THE FOLLOWING PICTURES AND FILL IN THE BLANKS.

 <p>1. Energy from flowing water</p> <p>_____</p>	 <p>2. Energy from wind</p> <p>_____</p>
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 <p>3. Energy derived from sunlight</p> <p>_____</p>	 <p>4. The energy carried by atoms</p> <p>_____</p>
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IV ANSWER THE FOLLOWING QUESTIONS IN 2 POINTS.

MARKS

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|--|---|
| 1. Why was the discovery of metal important? | 2 |
| 2. What are the four alternative sources of energy? How are they useful? | 2 |
| 3. What are the problems in using Coal as a source of energy? | 2 |
| 4. What is hydro-electricity? | 2 |

V ANSWER THE FOLLOWING QUESTIONS IN 3 POINTS.

- | | |
|---|---|
| 5. What is Industrial Revolution? Briefly explain. | 3 |
| 6. What led to the beginning of the Factory System? | 3 |
| 7. How did early humans use the sailboats? | 3 |

VI ANSWER THE FOLLOWING QUESTIONS IN 4 POINTS.

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|---|---|
| 8. Why is the discovery of iron considered to be very important in the history of humans? | 4 |
| 9. How has invention of steam engine revolutionised life? | 4 |