 **Al KHOZAMA INTERNATIONAL SCHOOL, DAMMAM**

Affiliated to CBSE – New Delhi

**Worksheet**

**Set-B**

**Subject: SCIENCE**

**CLASS: VIII**

1. The plastics which do not remould again on heating are called:
2. thermosetting plastics b)thermoplastics c) both of these d) none of these
3. The raw materials used in making nylon
4. Wood pulp b) Cellulose c) Coal, water, air d)  All of these
5. The liquid metal at room temperature
6. Mercury b)Bromine c)Sodium d)Gold
7. In a displacement reaction :
8. a more reactive metal displaces a less reactive non-metal b)a more reactive metal displaces less reactive metal c)a less reactive non- metal displaces a more reactive metal d)a less reactive metal displaces a more reactive metal
9. Rhizobium becteria

**a)** Help in digestion b) Help in nitrogen fixation c) Cause diseases d) All of the above

1. How does nitrogen fixation help the plants produce more food?
2. What will happen if a fabric is made from a combination of terylene and cotton? How will its properties be different?
3. How do using biodegradable plastics impact the environment?
4. How can you show that non-metals form acidic oxides?
5. Graphite is a form of carbon and a non-metal. Why is it used in making electric cells?
6. Describe Robert’s Boyle’s sound experiment.
7. Why does sound produced by different people appear to be different?
8. Why do people communicate via hand signals when they are on the moon?
9. Explain the symbiotic relationship between leguminous plants and Rhizobium bacteria.
10. Draw diagrams to show the arrangement of monomers in PVC and Bakelite
11. (a)Most metals when dipped in water sink but sodium floats. What property explains this event? Explain your answer.

(b) Name two metals which can be cut with knife.

**17.** Which of the following will not react with water and dilute acids? Why?

**Sulphur Sodium Magnesuim carbon phosphorous**

**18.**What happens to the colour of copper sulphate solution when magnesium is

Added to it?

19. Fill the following table:

|  |  |
| --- | --- |
| **Metals** | **Uses(atleast two uses)** |
| Iron |  |
| Gold and Silver |  |
| Mercury |  |
| **Non-metals** | **Uses(atleast two uses)** |
| Graphite |  |
| Nitrogen |  |
| Chlorine |  |

20. Fill the Following table:

|  |  |
| --- | --- |
| **Thermoplastic** | **Uses(atleast two uses)** |
| Polythene |  |
| PVC |  |
| Polystyrene |  |
| **Thermosetting plastics** | **Uses(atleast two uses)** |
| Bakelite |  |
| Melamine |  |