

# NEW AL WUROOD INTERNATIONAL SCHOOL, JEDDAH,K.S.A



Affiliated to CBSE – New Delhi

## **WORK SHEET-1**

**GRADE:8**

**FIRST TERM EXAM, 2019-20**

**SUBJECT: SCIENCE**

**Block No. : 4,5,6,7,8,23**

### **I. Choose the correct answer**

- Which of the following is used to make handles of cooking utensils?  
i. a)PVC b) Polystyrene c)Bakelite d)Teflon
- Which of these is not a property of Synthetic fibres?  
i. a)resistant to attack by moths b)absorb less water  
ii. c)wrinkle easily d)form bead like structures when burnt
- Which of these is a good conductor of electricity and heat?  
i. a)Sulphur b) Coal c)Graphite d) Aluminium
- \_\_\_\_\_ is called “Noble metal”.
- Copper b) Sodium c)Gold d)Boron
- The fluid filled hearing organ of the human ear is called\_\_\_\_\_.  
i. a)Ossicles b)Cochlea c) Vocal cord d)Larynx
- Which among these is a type of mushroom?  
i. a)Agaricus b)Lactobacillus c)Penicillin d)Rhizobium

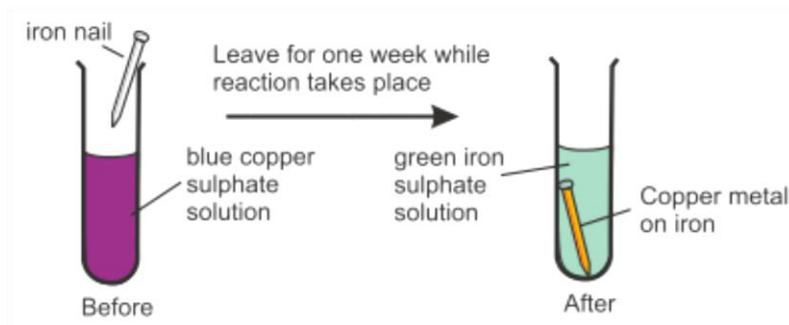
### **II. Answer the following questions in one or two sentences**

- Which fibre is referred to as “regenerated” fibre? How is it manufactured?
- Differentiate between thermoplastics and Thermosetting plastics.
- How does the use of plastics affect the petroleum reserves of a country?
- What are metalloids? Give an example of a metalloid.
- Why does a baby’s cry sound shrill?
- Name the following
  - A metal that is liquid at room temperature
  - a non metal that is liquid at room temperature
  - a non metal that conducts electricity
  - a non metal that is lustrous
  - a metal that has low density
- Give an example of how oxidation reaction can be useful in nature

### **III. Answer the following in detail**

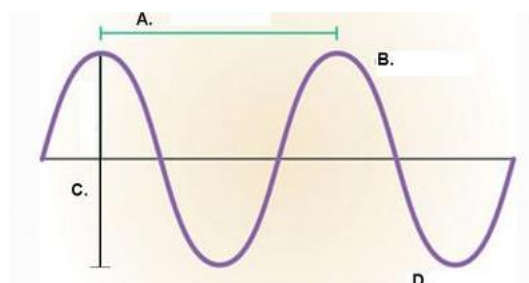
- Explain how diseases in plants can affect human life and economy.

16. How is fermentation useful in industries?
17. What is social biology? Give an example of how biological control can be achieved using micro-organisms.
18. How is Terylene different from cotton? How can we attain the characteristics of both terylene and cotton in our fabric?
19. With the help of a diagram, describe the characteristics of a sound wave.
20. With the help of a diagram, explain how a human ear hears sound.
21. Observe the picture below. What reaction occurs in the test-tube?  
Write down the chemical equation involved.



22. Give reason

- We cannot draw wires from coal
  - We must take extreme care when dropping a piece of sodium in water
  - A polythene bag when immersed in hot water softens after sometime.
23. Label the parts of a sound wave:



24. Describe what happens when each of the following metals are exposed to water.

