



**VIDYA BHARATI SCHOOL**  
**OLYMPIAD WORKSHEET: JULY 2016**  
**GRADE: VII**  
**SUBJECT: SCIENCE**

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1. Acids are \_\_\_\_\_.
  - a. Sour in taste
  - b. Sweet in taste
  - c. Salty in taste
  - d. Bitter in taste
  
2. Bases are ( )
  - a. Sour in taste
  - b. Sweet in taste
  - c. Salty in taste
  - d. Bitter in taste
  
3. The substances that are used to test whether a substance is acidic or basic are called \_\_\_\_\_.
  - a. Indicator
  - b. Acid
  - c. Base
  - d. Salt
  
4. Give the chemical name of Lime water.
  - a. Calcium hydroxide
  - b. Magnesium hydroxide
  - c. Ammonium hydroxide
  - d. Sodium hydroxide
  
5. Give the chemical name of Milk of magnesia.
  - a. Calcium hydroxide
  - b. Magnesium hydroxide
  - c. Ammonium hydroxide
  - d. Sodium hydroxide
  
6. Give the chemical name of Window cleaner.
  - a. Calcium hydroxide
  - b. Magnesium hydroxide
  - c. Ammonium hydroxide
  - d. Sodium hydroxide
  
7. Litmus paper (purple colour) in distilled water when added to an acid changes to \_\_\_\_\_.
  - a. Red
  - b. Blue
  - c. Green
  - d. Violet
  
8. The solutions which do not change the colour of either red or blue litmus are known as \_\_\_\_\_.
  - a. Acid Solutions
  - b. Base Solutions
  - c. Neutral Solutions
  - d. Indicator
  
9. Find the natural indicator from the following:
  - a. China Rose
  - b. Vinegar
  - c. Phenolphthalein
  - d. Methyl Orange
  
10. Phenolphthalein gives \_\_\_\_\_ color in acidic medium.
  - a. Pink
  - b. Colorless
  - c. Green
  - d. Red

11. Name the device used for measuring Temperature.
- a. Thermometer
  - b. Ammeter
  - c. Anemometer
  - d. Ammeter
12. The unit of measurement of Temperature is \_\_\_\_\_.
- a. Meter
  - b. Kilogram
  - c. Degree Celsius
  - d. Second
13. The normal temperature of Human body is \_\_\_\_\_.
- a. 40 °C
  - b. 37 °C
  - c. 42 °C
  - d. 35 °C
14. The maximum and minimum temperatures of a day are measured with a \_\_\_\_\_.
- a. Celsius Thermometer
  - b. Fahrenheit Thermometer
  - c. Maximum-minimum thermometer
  - d. Kelvin Thermometer
15. The liquid metal used in a Thermometer is \_\_\_\_\_.
- a. Mercury
  - b. Silver
  - c. Gold
  - d. Copper
16. What is the use of kink in a Thermometer?
- a. It prevents mercury level from falling on its own.
  - b. It raises the mercury level.
  - c. It makes the Thermometer look beautiful.
  - d. It acts as a joint to the glass tube that is used for mercury and the scale.
17. The process by which heat flows from the hotter end to colder end of an object is called \_\_\_\_\_.
- a. Conduction
  - b. Convection
  - c. Radiation
  - d. Vaporization
18. The process by which transfer of heat takes place by the actual movement of particles from one part of the body to another part is called \_\_\_\_\_.
- a. Conduction
  - b. Convection
  - c. Radiation
  - d. Vaporization
19. The transfer of heat which does not require any medium is called \_\_\_\_\_.
- a. Conduction
  - b. Convection
  - c. Radiation
  - d. Vaporization
20. The process by which heat comes from sun to the earth is \_\_\_\_\_.
- a. Conduction
  - b. Convection
  - c. Radiation
  - d. Vaporization

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