

FORMATIVE ASSESSMENT - FIRST MID TERM**SCIENCE****Max. Marks: 50****Std - VIII****Time: 2 Hrs**

Name of the School: _____	Name of the Student: _____
Place: _____	Roll No.: _____

I. Choose the correct answer:**5 x 1 = 5**

- The SI unit of temperature is _____.
a. celsius b. fahrenheit c. kelvin d. ampere
- Closeness of two or more measured values is called as _____.
a. accuracy b. precision c. error d. approximation
- The property that allows metals to be hammered into their sheets is _____.
a. ductility b. malleability c. conductivity d. tensile strength
- The plant body of algae is called as _____.
a. stem b. Thallus c. leaf d. root
- Microorganisms are measured in _____.
a. cm b. mm c. micron d. meter

II. Fill in the blanks:**6 x 1 = 6**

- A solid angle is measured in _____.
- _____ is used to measure electric current.
- Melting point of most metals is _____ than non-metal.
- _____ is the non-metal used in the semiconductor industry.
- _____ are the infectious protein particles.
- Microorganisms can be seen with the help of a _____.

III. Match the following:**5 x 1 = 5**

- | | | |
|------------------------------|---|----------------------------------|
| 12. Nitrogen fixing bacteria | - | Making the filament of a bulb |
| 13. Probiotics | - | For making wires |
| 14. Tungsten | - | Measure of hotness (or) coldness |
| 15. Copper | - | Rhizobium |
| 16. Temperature | - | Lactobacillus acidophilus |

IV. Answers the following: (Any 12)

12 x 2 = 24

17. Define temperature.
18. State true or false. If false, correct the statement:
 - a) One coulomb of charge flowing per minute is called 'amphere'
 - b) The numbers 4.582 can be rounded off as 4.58
19. Convert the temperature given in the Celsius scale to the Fahrenheit. (i) 90°C
20. What are the differences between plane angle and solid angle?
21. Define a mole.
22. Why are bells made of metal?
23. Write three properties of metalloids.
24. Write the symbols for the following elements.
 - a. Oxygen
 - b. Gold
 - c. Iron
 - d. Calcium
25. What is ductility?
26. State True (or) False. If false, correct the statement:
 - a) Coal can be drawn into wires.
 - b) Zinc is highly ductile in nature.
27. What are antibiotics?
28. What is pathology?
29. Write the names of any three protozoans.
30. Which diseases can be prevented by vaccination?
31. Draw the diagram of viron structure and label the parts.

V. Answer the detail: (Any 2)

2 x 5 = 10

32. List out the base quantities with their units.
33. Tabulate four points of difference between metals and non-metals
34. Write a short note on bacteria and its structure.