

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

1. The SI unit of temperature is _____
a) celsius b) fahrenheit c) kelvin d) ampere
2. Quantities other than base quantities are called _____
a) supplementary quantities b) derived quantities
c) professional quantities d) energy quantities
3. The non-metal that conducts current is _____
a) carbon b) oxygen c) aluminium d) sulphur
4. Pencil lead contains _____
a) graphite b) lead c) aluminium d) sulphur
5. The plant body of algae is called as _____
a) stem b) thallus c) leaf d) root

II. Fill in the blanks:

6 x 1 = 6

6. Quartz clock uses _____ oscillations.
7. The intersection of two straight lines gives us _____.
8. The symbol of tungsten is _____.
9. Water contains _____ and _____ elements.
10. _____ is the non-metal used in the semiconductor industry.
11. Microorganisms can be seen with the help of a _____.

III. Match the following:

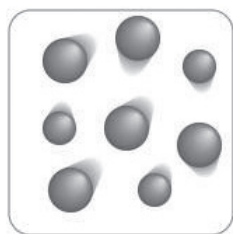
5 x 1 = 5

12. Temperature - closeness to two or more measurement
13. Precision - sewing needle
14. Steel - bacteria
15. Tuberculosis - prion
16. Kuru - a measure of hotness or coldness

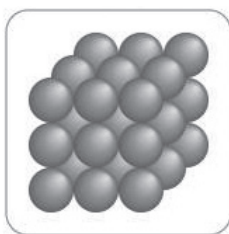
IV. Answer the following.

12 x 2 = 24

17. Define temperature.
18. What is luminous intensity?
19. Assertion: Radian is the unit of solid angle.
Reason: One radian is the angle subtended at the centre of a circle by an arc of length equal to its radius.
- a) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
- b) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
- c) The assertion is true, but the reason is false.
- d) The assertion is false, but the reason is true.
20. What is the difference between precision and accuracy?
21. Write the symbols for these elements:
a) Oxygen b) Gold c) Calcium d) Cadmium e) Iron
22. Why are belts made of metal?
23. What is ductility?
24. Identify the state of matter based on the arrangement of the molecular.



(A)



(B)



(C)

- a) A-gas, B-solid, C-liquid
- b) A-liquid, B-solid, C-gas
- c) A-gas, B-liquid, C-solid
- d) A-liquid, B-gas, C-solid
25. Write the four types of bacteria based on their shape.
26. Why are microorganisms essential for agriculture?
27. Write the names of any three protozoans.
28. Assertion (A): Malaria is caused by protozoa.
Reason (R): The disease is transmitted by a mosquito.
- a) If both A and R are true and R is the correct explanation of A.
- b) If both A and R are true and R is not the correct explanation of A.
- c) If A is true but R is false.
- d) If both A and R are false.

V. Answer in detail:

2 x 5 = 10

29. Write are fundamental and derived quantities? Explain with an example.
30. How are microorganisms useful in the field of medicine?