

09.12.19

SUMMATIVE ASSESSMENT-2

Marks-80

STD:VI

SCIENCE-I

Time-2½hrs

I. Choose the correct answer:

9x1=9

1. b. Joule
2. b. power station
3. a. silver
4. c. physical state
5. c. natural
6. a. 78%
7. c. oxygen
8. a. stomata
9. b. oxygen

II. Fill in the blanks:

9x1=9

10. Carbon-di-oxide
11. Oxygen.
12. Combustion
13. Undesirable
14. Irreversible.
15. Reversible
16. Battery
17. Switch.
18. Temperature

III. Write True or False:

9x1=9

19. True
20. True.
21. True.
22. True.

23. False.

24. False.

25. False.

26. False.

27. False.

IV. Match the following:

9x1=9

30. 0° C
31. wind
32. Cubical
33. Ozone layer
34. Friction
35. Battery
36. Kelvin
37. No heat flow
38. Combustion

V. Answer any seven of the following:

7x2=14

39. What is temperature?

The measurement of warmness or coldness of a substance is known as its temperature. The SI Unit of temperature is Kelvin.

40. Rivet is heated before fixing in hole to join two metal plates.

Why?

Rivet is heated before fixing in hole to join two metal plates because when cooled, the rivet will contract and hold the two plates tightly together.

41. What is the source of electricity?

We get electricity from thermal power, hydel power, tidal power, Solar Power etc.,

42. Define Conductor.

The material which allows electric charges to pass through them are called conductors. Eg Iron, Impure water.

43. Differentiate between primary cell and secondary cell?

Primary cell

Secondary cell

❖ A primary cell cannot be recharged.

A secondary cell can be recharged many times.

❖ They can be used once

They can be used again.

Ex. Clocks, Watches

Eg Mobile Phones. Laptop

44. What is solution?

When solute is dissolved in a solvent it forms a solution.

Solute + Solvent \rightarrow Solution.

45. Define a slow change.

Changes which take place over a long period of time are known as slow changes. Ex. Germination of seed.

46. What is thermal expansion?

The expansion of a substance on heating is called the thermal expansion of that substance.

47. Pick the odd one out and give reason switch, bulb, battery, generator.

Odd one – generator.

Reason – generator is not a component of electric circuit whereas others are the components of electric circuit.

48. Draw a circuit diagram for series connection.

VI. Answer any three in detail: } 3x4=12
VII. Draw any two diagrams: } Refer Class Work 2x4=8
VIII. Hots: } 5x2=10

59. Missing letters.

a. Burning

b. Nitrogen

60. Write two undesirable changes.:- Earthquake, Deforestation.

61. Arrange in sequence.

When two or more cells are combined together they make a battery.