

COMMON SECOND TERM SUMMATIVE EXAMINATION - 2024

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Standard - VI

Time: 2.00 hrs

SCIENCE

Marks:60

I Choose the best answer :

10x1=10

1. When an object is heated, the molecules that make up the object,
 - a) begin to move faster
 - b) lose energy
 - c) become heavier
 - d) become lighter
2. The device which converts chemical energy in to electrical energy is _____
 - a) fan
 - b) solar cell
 - c) cell
 - d) television
3. _____ is a good conductor.
 - a) Silver
 - b) Wood
 - c) rubber
 - d) plastic
4. When ice melts to form water, change occurs in its _____
 - a) position
 - b) colour
 - c) physical state
 - d) composition
5. Formation of curd from milk is _____
 - a) a reversible change
 - b) a fast change
 - c) an irreversible change
 - d) an undesirable change
6. _____ is the percentage of nitrogen in air.
 - a) 78%
 - b) 21%
 - c) 0.03%
 - d) 1%
7. The constituent of air that supports combustion is _____
 - a) Nitrogen
 - b) Carbon-di-oxide
 - c) oxygen
 - d) water vapour
8. Under the microscope, priya observes a cell that has a cell wall and distinct nucleus. The cell that she observed is _____
 - a) a plant cell
 - b) an animal cell
 - c) a nerve cell
 - d) a bacteria cell
9. Main organ of respiration in human _____ is _____
 - a) Stomach
 - b) Spleen
 - c) Heart
 - d) Lungs
10. Which one of the following is an output device?
 - a) Mouse
 - b) Key board
 - c) Speaker
 - d) Pendrive

II Fill in the blanks

5x1=5

11. The SI unit of temperature is _____
12. Flow of electricity through a closed circuit is _____
13. The gas given out during photosynthesis is _____
14. The term "Cell" was coined by _____
15. The part of the skeleton that protects the brain is _____

III Match the following:

5x1=5

- | | | |
|----------------------------|---|----------------|
| 16. Moving air | - | Photosynthesis |
| 17. Layer in which we live | - | Troposphere |
| 18. Stratosphere | - | Wind |
| 19. Oxygen | - | Ozone layer |
| 20. Carbon-di-oxide | - | Combustion |

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VI. Science
10x2=20

IV Answer shortly (any 10):

21. What is temperature?
22. Arrange in sequence.

A CELL A DEVICE ELECTRICAL ENERGY IS CALLED IN TO
CHEMICAL ENERGY THAT CONVERTS

23. Can you produce electricity from lemon?

24. Analogy:

- i) Curdling of milk : irreversible change : :
Formation of clouds : _____ change.
ii) Burning of matchstick : _____ change : :
Rotation of the Earth : Slow change.

25. What kind of change is associated with decaying of a plant?

26. True or False. If false, give the correct statement.

- i) Inhaled air contains a large amount of carbon-di-oxide.
ii) The composition of air is always exactly the same.

27. Arrange in correct sequence:

- i) urethra → ureter → urinary → Bladder → Kidney
ii) Stomach → Large intestine → Oesophagus → pharynx → mouth →
Small intestine → Rectum → Anus

28. Circle the odd one. Give reason for your choice.

- i) Switch, Bulb, Battery, Generator.
ii) Rotting of an egg, condensation of water vapour, trimming of hair, Ripening of fruit.

29. What should be done if the clothes of a person catch fire accidentally? Why?

30. Distinguish between prokaryotic and eukaryotic cells.

31. Describe about skeletal system.

32. Bring out any two differences between input and output devices.

V Answer in Detail (any 4):

4x5=20

33. i) Distinguish between heat and temperature.
ii) Make a list of electrical equipments at home which we get heat from.
34. Write short notes on conductors and insulators.
35. Give one example for each case:
i) Slow and fast change
ii) Reversible and irreversible change
iii) Physical and Chemical change
iv) Natural and Man made change
v) Desirable and undesirable change
36. Draw a neat labelled diagram of a prokaryotic cell.
37. List out the functions of Endocrine system and Nervous system.

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