

COMMON SECOND TERM SUMMATIVE EXAMINATION - 2024

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Standard - VI

THEMS

Time: 2.00 hrs

SCIENCE

Marks:60

I Choose the best answer :

Prasanna
20/11/24 10x1=10

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

II Fill in the blanks

5x1=5

- The SI unit of temperature is _____
- Flow of electricity through a closed circuit is _____
- The gas given out during photosynthesis is _____
- The term "Cell" was coined by _____
- 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 |

(2)

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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