

Dr. A. Vennila, Principal, Kumbakonam Thanjavur District

HSS SECOND TERM SUMMATIVE EXAMINATION - 2024

6 - Std

SCIENCE



Time : 2.00 Hrs

Marks : 60

I Choose the correct answer.

10 X 1 = 10

- 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
- The device which converts chemical energy into electrical energy is
a) fan b) Solar cell c) cell d) television
- Out of the following an example of a desirable change is
a) rusting b) change of seasons c) earthquake d) flooding
- is the percentage of nitrogen in air.
a) 78% b) 21% c) 0.03% d) 1%
- The constituent of air that supports combustion is
a) Nitrogen b) Carbon - di - oxide c) Oxygen d) water vapour
- The unit of measurement used for expressing dimension (size) of cell is
a) centimeter b) millimeter c) micrometer d) meter
- The 'control centre' of the eukaryotic cell is
a) cell wall b) nucleus c) vacuoles d) chloroplast
- Main organ of respiration in human body is
a) stomach b) spleen c) Heart d) Lungs
- Which one of the following is an output device?
a) Mouse b) keyboard c) speaker d) pendrive
- Per drive is device.
a) output b) input c) storage d) connecting cable

II Fill in the blanks.

5 x 1 = 5

- The SI unit of temperature is
- Flow of electricity through a closed circuit is
- Boiling of egg results in change.
(a reversible / an irreversible)
- gas turns lime water milky.
- I am like a policeman. Who am I

III Answer any 15 questions.

15 x 2 = 30

- Analogy** .
a) Heat : Joule : : Temperature :
b) Ice cube : 0°C : : Boiling water :
- Water is thermal expansion?
- Arrange in sequence.**

A cell

A device

Electrical energy

Is called

In to

chemical Energy

That converts

19. Circle the odd one out.

Switch, Bulb, Battery, Generator.

20. True or false.

- a) Growing of teeth in an infant is slow change.
b) Burning of match stick is a reversible change.

21. How do the roots of land plants get oxygen for breathing?

22. Who discovered the cell in 1665?

23. What are the organelles found only in plant cell?

24. Arrange in a correct sequence.

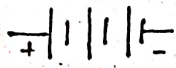
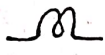
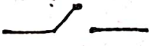

- a) Elephant, cow, bacteria, mango, rose plant.
b) Hen's Egg, Ostrich's egg, Insect's egg.

25. Name the important parts of the eye.

26. Name the five important sense organs.

27. What are the three types of blood vessels?

28. Match the following.

S.No.	Symbol	Description
1.		Open key
2.		Battery
3.		Bulb. glows
4.		Bulb does not glow

29. Name the parts of a computer.

30. What kind of a change is associated with decaying of a plants.

31. Define a slow change.

32. True or false.

- a) A cell is the smallest unit of life. b) Nerve cell is the longest cell.

33. Fill in the blanks.

- a) The part of the skeleton that protects the brain is
b) The is the largest sense organ in our body.

IV Answer in detail.

3 x 5 = 15

34. a) Distinguish between heat and temperature. (OR)

b) Draw the circuit diagram for series connection.

35. a) What happen when paper is burnt? Explain. (OR)

b) What type of changes is associated with germination of a seed? Explain.

36. a) Draw a heat labelled diagram of a prokaryotic cell. (OR)

b) Match the following.

1. VGA	-	Input device
2. Bluetooth	-	Connecting cable
3. Printer	-	LDMI
4. Keyboard	-	Wireless connection
5. HDMI	-	Output device