	- Std	M SUMMATIVE E	4	
Ti	me: 2.00 Hrs			Marks: 60
1.	When an object is heat a) begin to move faster	ed, the molecules that r b) lose ener	av	10 X 1 = 10 t
	c) become heavier	d) become li	ighter	
2.	The device which conve	erts chemical energy in	nto electrical energy i	s
3.	a) iaii b) Solar	cell c) cell	d) television	
J.,	Out of the following an a) rusting b) change	example of a desirable	e change is	
4.	a) rusting b) chang is the percentag a) 78% b) 21%	ge of nitrogen in air.		flooding
5.	The constituent of air the		ion is	
6.	The unit of measuremer	on - di - oxide nt used for expressina	c) Oxygen d)	water vapour ell is
7.	The 'control centre' of the	eter        c) micromete he eukaryotic cell is	er d) meter	
8.	<ul><li>a) cell wall</li><li>b) nuclet</li><li>Main organ of respiratio</li><li>a) stomach</li><li>b) spleer</li></ul>	n in human body is		
9.	Which one of the following	ing is an output devic	e?	
	a) Mouse b) keybo	ard c) speaker.	d) pendrive	
10.	Per drive is de	vice.		
	a) output b) input	c) storage	d) connecting cable	
II .	Fill in the blanks.			5 x 1 = 5
11.	The SI unit of temperatu			
12.	Flow of electricity throug	h a closed circuit is		
13,	Boiling of egg results in .			
14.	(a reversible / an irre			
15.	I am like a policeman. Wi	ho am I		
III		이 이 귀하는 것으로 모르는 이 나를 했다.		
16.	Answer any 15 questic Analogy . a) Heat : .			$15 \times 2 = 30$
	b) Ice cub	e: 0°C:: Boiling wat	or.	
17.	Water is thermal expansi	on?		
18.	Arrange in sequence.			
	A cell A device	Electrical energy	gy	
	Is called In to	chemical Energ	JY	
	That converts			
	i i		HSS 6 அறிவியுள்	Page - 1

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 Symbol	Description
1.	+1111	Open key
2.		Battery
3.		Bulb glows
4.	M	Bult 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.

 $3 \times 5 = 15$ 

- 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

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