

Ts6S

Tenkasi District Common Examinations
Summative Assessment - December 2022



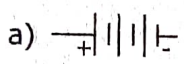
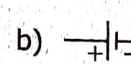


21.12.2022

Standard 6**SCIENCE**

Time: 2.00 Hrs.

Marks: 60

I. Choose the appropriate answer:**10×1=10**

- 1) The unit of heat is
 - a) newton
 - b) joule
 - c) volt
 - d) celsius
- 2) When an object is heated, the molecules that make up the object
 - a) begin to move faster
 - b) become heavier
 - c) become lighter
 - d) lose energy
- 3) Electricity is produced in
 - a) transformer
 - b) power station
 - c) electric wire
 - d) television
- 4) Choose the symbol of battery
 - a) 
 - b) 
 - c) 
 - d) 
- 5) Formation of curd from milk is
 - a) a reversible change
 - b) a fast change
 - c) an irreversible change
 - d) an undesirable change
- 6) Out of the following an example of a desirable change is
 - a) rusting
 - b) change of seasons
 - c) earthquake
 - d) flooding
- 7) _____ is the percentage of nitrogen in air.
 - a) 78%
 - b) 21%
 - c) 0.03%
 - d) 1%
- 8) The unit of measurement used for expressing dimension (size) of cell is _____.
 - a) centimeter
 - b) millimeter
 - c) micrometer
 - d) meter
- 9) Main organ of respiration in human body is
 - a) stomach
 - b) spleen
 - c) heart
 - d) lungs
- 10) Which one of the following is an input device?
 - a) speaker
 - b) keyboard
 - c) monitor
 - d) printer

II. Answer any 15 questions:**15×2=30**

11) What is temperature?

12) **Analogy:**

i) Heat : Joule

Temperature : _____

ii) Ice cube : 0°C

Boiling water : _____

13) i) Burning of match stick : _____ change

Rotation of earth : Slow change

ii) Dissolution of glucose : Reversible change

Digestion of food : _____ change

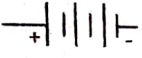

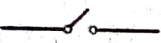

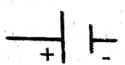
Ts6S**14) Fill in the blanks:**

- a) The instrument used to observe the cell is _____.
- b) The _____ is the largest sense organ in our body.

15) Arrange in sequence:

A CELL A DEVICE ELECTRICAL ENERGY
IS CALLED WTO CHEMICAL ENERGY THAT CONVERTS

16) Match the following:

Sl.no	Symbol	Description
1.		Open key
2.		Cell
3.		Bulb glows
4.		Battery
5.		Bulb does not glow

17) True or False, if false, give the correct statement:

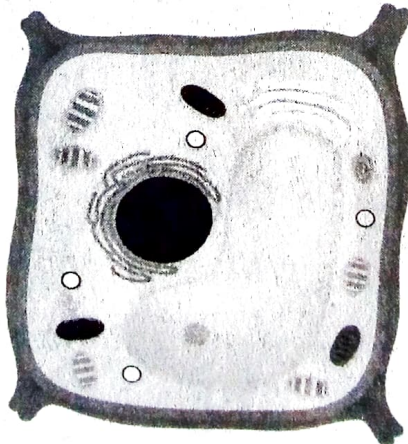
- Planting trees help in decreasing global warming.
- The brain, the spinal cord and nerves form the nervous system.

18) Arrange in correct sequence:

Stomach → Large intestine → Oesophagus → Pharynx → Mouth → Small Intestine → Rectum → Anus.

19) Name the five important sense organ.**20) Circle the odd one out. Give reason for your choice:**

Switch, Bulb, Battery, Generator

21) What is a solution?**22) What should be done if the clothes of a person catch fire accidentally? Why?****23) Identify any four parts of the plant cell.**

Ts6S

3

24) Name the important parts of the eye.

25) Match the following:

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

26) Name the parts of a computer.

27) Search ten words in the given word grid and classify them as conductors and insulators.

A	G	H	R	N	A	E	J	U	R
R	H	A	E	A	R	T	H	M	A
E	R	S	S	A	L	G	U	M	Q
T	P	L	A	S	T	I	C	N	T
A	T	I	R	O	N	A	A	O	N
W	J	A	E	I	W	O	O	D	T
A	B	D	M	C	O	P	P	E	R
E	R	U	B	B	E	R	M	P	T
S	L	R	H	E	S	S	A	I	I
A	T	N	A	S	B	H	N	L	R

S.No.	Conductor	Insulators

28) Draw the circuit diagram for series connection.

29) Why do traffic assistants wear a mask on duty?

30) Write functions of skin.

Ts6S

4×5=20

III. Answer the following questions:

31) A) Explain thermal expansion with suitable examples.

(OR)

B) What are the sources of electricity? Explain the various power stations in India.

32) A) Give one example for each case that happens around you?

- a) Slow and fast change
- b) Reversible and irreversible change
- c) Physical and chemical change
- d) Natural and man-made change
- e) Desirable and undesirable change

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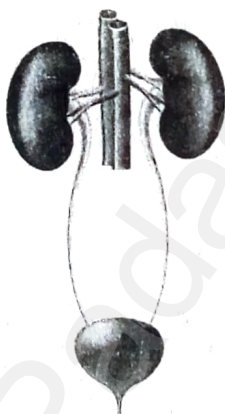
(OR)

B) Why is atmosphere essential for life on earth?

33) A) Tabulate any five cell organelles and their function.

(OR)

B) Label the diagram given below to show the four main parts of the Urinary system and answer the following questions.



- a) Which organ removes extra salts and water from the blood?
- b) Where is the urine stored?
- c) What is the tube through which urine is excreted out of the body?
- d) What are the tubes that transfer urine from the kidneys to the urinary bladder called?

34) A) Explain different types of cables for connecting computers, list any three cables and their specific uses.

(OR)

B) Distinguish between Prokaryotic and Eukaryotic cells.
