

HSL

SECOND TERM SUMMATIVE EXAM-2025**6 - Std****SCIENCE**

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Time : 2 : 00 hrs.

Marks : 60

I. Choose the correct answer.**10 x 1 = 10**

- (1) The unit of heat is _____
a) Newton b) Joule c) Volt d) Celsius
- (2) _____ is a good conductor?
a) Silver b) Wood c) Rubber d) Plastic
- (3) When ice melts to form water, change occurs in its _____
a) position b) Color c) Physical state d) Composition
- (4) _____ is the percentage of nitrogen in air?
a) 78% b) 21% c) 0.03 % d) 1%
- (5) Gas exchange takes place in plants using _____
a) Stomata b) Chlorophyll c) Leaves d) Flowers
- (6) Which one of the following is not a unicellular organism _____
a) yeast b) amoeba c) spirogyra d) bacteria
- (7) Circulatory system transports these throughout the body _____
a) Oxygen b) Nutrient c) Hormones d) all of these
- (8) Main organ of respiration in human body is _____
a) stomach b) spleen c) heart d) lungs
- (9) Which one of the following is an input device _____
a) speaker b) keyboard c) monitor d) printer
- (10) Pen drive is _____ device.
a) Output b) input c) Storage d) Connecting cable

II. Fill in the blanks.**5 x 1 = 5**

- (11) The SI unit of temperature is _____
- (12) The combination of two or more cells is called a _____
- (13) Magnet attracts iron needle. This is _____ change.
(a reversible / irreversible)
- (14) The gas given out during photosynthesis is _____
- (15) The _____ is the largest sense organ in our body.

III. Answer the following. (Any 15).**15 x 2 = 30**

- (16) What is thermal expansion?
- (17) **True or false**
a) pure water is a good conductor of electricity.
b) secondary cell can be used only once.
- (18) What is a solution ?

(19) Circle odd one out.

- a) Growth of a child, Blinking of eye, rusting, germination of a seed.
- b) Glowing of a bulb, lighting of a candle, breaking of a coffee mug, curdling of milk

(20) Analogy.

- a) photosynthesis : _____ :: respiration : oxygen
- b) 78% of air : does not support combustion :: _____ : supports combustion.

(21) Who discovered the cell in 1665?

(22) What type of cell do we have?

(23) Arrange in correct sequence

- a) Stomach - Large intestine - Oesophagus - pharynx - Mouth - Small intestine - Rectum - Anus
- b) Urethra - Ureter - Urinary Bladder - Kidney

(24) What are the three type of blood vessels?

(25) Name the important part of the eye.

(26) Name the five important sense organs.

(27) Name the parts of a computer.

(28) Match the following.

- a) Heat - 0°C
- b) Temperature - Kelvin
- c) Thermal Equilibrium - No heat flow
- d) Ice cube - Joule

(29) Can you produce electricity from lemon?

(30) Define a slow change.

(31) What is temperature?

(32) Arrange in sequence.

A cell - A device - Electrical energy - is called - into - chemical - energy - that converts.

(33) True or False.

- a) Planting trees helps in decreasing global warming .
- b) The composition of air is always exactly the same.

(34) What are the essential components of a cell .

(35) Define the term "Trachea".

IV Answer in detail (ANY 3).**3 x 5 = 15**

(36) Distinguish between heat and temperature .

(37) Draw the circuit diagram for series connection.

(38) Can deforestation be considered a desirable change? Explain.

(39) What is atmosphere? Name the five layer of atmosphere.

(40) Distinguish between prokaryotic and eukaryotic cells.