

COMMON SECOND TERM SUMMATIVE EXAMINATION - 2022

STANDARD - VI

Reg. No.

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Time : 2.30 hrs

SCIENCE

Marks : 60

10×1=10

I. Choose the correct answer:

- 1) The unit of heat is _____.
a) newton b) joule c) volt d) celsius
- 2) Electricity is produced in _____.
a) transformer b) power station
c) electric wire d) television
- 3) _____ is a good conductor.
a) Silver b) Wood c) Rubber d) Plastic
- 4) Drying of wet clothes in air is an example of _____.
a) chemical change b) undersirable change
c) irreversible change d) physical change
- 5) _____ is the percentage of nitrogen in air.
a) 78% b) 21% c) 0.03% d) 1%
- 6) Gas exchange takes place in plants using _____.
a) stomata b) chlorophyll c) leaves d) flowers
- 7) The 'control centre' of the eukaryotic cell is _____.
a) cellwall b) nucleus c) vacuoles d) chloroplast
- 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:

5×1=5

- 11) The SI unit of temperature is _____.
- 12) The combination of two or more cells is called a _____.
- 13) _____ is the active component of air.
- 14) The instrument used to observe the cell is _____.
- 15) The _____ is the largest sense organ in our body.

III. Match the following:

5×1=5

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|-------------------------|---|---------------------|
| 16) Boiling water | - | Combustion |
| 17) Gate of the nucleus | - | Cardiac muscle |
| 18) Heart | - | 100°C |
| 19) Oxygen | - | Wireless connection |
| 20) Blue tooth | - | Nucleus membrane |

IV. Answer any 10 short questions only:

- 21) What is temperature?
- 22) Draw the circuit diagram for series connection.
- 23) What is a solution?
- 24) What is atmosphere? Name the five layers of atmosphere.
- 25) **Arrange in a correct sequence:**
 1. Elephant, Cow, Bacteria, Mango, Rose plant
 2. Hen's egg, Ostrich's egg, Insect's egg
- 26) What are the essential components of a cell?
- 27) What are the three types of blood vessels?
- 28) Name the five important sense organs.
- 29) Name the parts of a computer.
- 30) Make sketch of plant cells which you observe under microscope.
- 31) **Complete the analogy:**
 1. Heat : Joule :: Temperature : Kelvin
 2. Spirogyra : Plant cell :: Amoeba : Cell wall
- 32) **Say true or false:**
 1. Pure water is a good conductor of electricity -
 2. Planting trees help in decreasing global warming -

V. Answer in detail: (any 4)

4×5=20

- 33) Write short notes on conductors and insulators.
 - 34) Give one example for each case that happens around you.
 - a) Slow and fast change
 - b) Reversible and irreversible change
 - c) Physical change and chemical change
 - d) Natural and man made change
 - e) Desirable and undesirable change
 - 35) Why is atmosphere essential for life on earth?
 - 36) Draw a neat labelled diagram of a prokaryotic cell.
 - 37) List out the functions of Endocrine system and Nervous system.
 - 38) Bring out any two differences between input and output devices.
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