

7114

## COMMON SECOND TERM SUMMATIVE EXAMINATION- 2024

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Standard - VII

Time : 2.00 hrs

SCIENCE

Marks: 60

I. Choose the correct answer:-

10×1=10

- 1) International unit of measuring temperature is \_\_\_\_\_  
a) Kelvin                      b) Fahrenheit                      c) Joule                      d) Celcius
- 2) Freezing point of water is \_\_\_\_\_  
a) 32°C                      b) 0°C                      c) 42°C                      d) 100°C
- 3) The Chemical change is \_\_\_\_\_  
a) Water to clouds                      b) growth of a tree  
c) Cow dung to bio-gas                      d) Ice-cream to molten ice-cream
- 4) \_\_\_\_\_ is an example of periodic change  
a) Earthquake                      b) Formation of rainbow in sky  
c) Occurrence of tides in seas                      d) Showering of rain
- 5) \_\_\_\_\_ helps in cell division  
a) Endoplasmic reticulum                      b) Golgi complex  
c) Centriole                      d) Nucleus
- 6) Which part of the cell is called the brain of the cell?  
a) Lysosome                      b) Ribosome                      c) Mitochondria                      d) Nucleus
- 7) The largest division of the living world is \_\_\_\_\_  
a) order                      b) kingdom                      c) phylum                      d) family
- 8) The binomial name of pigeon is \_\_\_\_\_  
a) Homosapiens                      b) Rattus rattus                      c) Mangifera indica                      d) columbo livia
- 9) Tux paint software is used to \_\_\_\_\_  
a) paint                      b) program                      c) scan                      d) pdf
- 10) Tux Math software helps in learning the \_\_\_\_\_  
a) Painting                      b) Arithmetic                      c) Programming                      d) Graphics

II. Fill in the blanks:-

5×1=5

- 11) Doctor uses 37°C thermometer to measure the human body temperature.
- 12) Solar energy is used to measure the electric current.
- 13) Spoiling of food is a chemical change
- 14) Mature Red blood cell do not contain a myoglobin
- 15) Carolus Linnaeus is known as the father of \_\_\_\_\_

(2)

VII SCIENCE

5×1=5

III. Match the following:-

- |                                      |   |  |    |
|--------------------------------------|---|--|----|
| 16) Clinical thermometer             | - | A form of energy                       | 20 |
| 17) Normal temperature of human body | - | 100°C                                  | 19 |
| 18) Boiling point of water           | - | 37°C                                   | 17 |
| 19) Fuse                             | - | used to open or close a circuit        | 16 |
| 20) Switch                           | - | safety device used in electric circuit | 19 |

IV. Give short answer: (Write any 10)

- 21) What is the use of kink in clinical thermometer?
- 22) The body temperature of Ramu is 99°F. Is he suffering from fever? If so, why?
- 23) Analog:  
 a) Water: Pipe :: Electric current: Solar energy  
 b) Length: Meter Scale :: Current: Electricity
- 24) Name few insulators?
- 25) State two examples of periodic changes.
- 26) What type of change is colouring of a paper?
- 27) Why the cell is very important for us?
- 28) Write correct sequence from cell to organism?
- 29) What are the functions of cell wall in plant cell?
- 30) Write the binomial name of (a) Human (b) Paddy
- 31) What is Tux Paint?
- 32) Convert the given temperature:  
 a) 0°C = 300 K      b) 20°C = 40 °F

V. Give long answer:- (any four)

4×5=20

- 33) Draw the diagram of a clinical thermometer and label its parts.
- 34) Explain the construction and working of an Telephone.
- 35) State the similarities and differences between the Laboratory thermometer and the clinical thermometer.
- 36) Draw plant cell and mark the parts?
- 37) True (or) False - If false give the correct answer  
 a) Only plant cells have chloroplasts. F  
 b) Electron flow is in the same direction to conventional current flow F  
 c) Fishes are aquatic vertebrates. T  
 d) In a parallel circuit, the electric components are divided into branches. T  
 e) Heart beat is periodic change. F
- 38) a) Distinguish physical and chemical changes.  
 b) Mention any two exothermic reactions.
- 39) Differentiate Plantae and Animalia.

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