

THE END

COMMON SECOND TERM SUMMATIVE EXAMINATION- 2024

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Standard - VII

Time : 2.00 hrs

SCIENCE

Marks: 60

I. Choose the correct answer:-

Any
20/12/24

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 _____ thermometer to measure the human body temperature.
- 12) _____ is used to measure the electric current.
- 13) Spoiling of food is a _____ change
- 14) Mature Red blood cell do not contain a _____
- 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 |
| 17) Normal temperature of human body | - | 100°C |
| 18) Boiling point of water | - | 37°C |
| 19) Fuse | - | used to open or close a circuit |
| 20) Switch | - | safety device used in electric circuit |

IV. Give short answer: (Write any 10)

10×2=20

- 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 : _____
 b) Length: Meter Scale :: Current : _____

- 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 = _____ K b) 20°C = _____ °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.
 b) Electron flow is in the same direction to conventional current flow
 c) Fishes are aquatic vertebrates.
 d) In a parallel circuit, the electric components are divided into branches.
 e) Heart beat is periodic change.
 38) a) Distinguish physical and chemical changes.
 b) Mention any two exothermic reactions.
 39) Differentiate Plantae and Animalia.
