

Standard 7
SCIENCE

Time: 2.00 Hrs.

Marks: 60

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

- 1) The body temperature of a healthy man is
 - a) 0°C
 - b) 37°C
 - c) 98°C
 - d) 100°C
- 2) Freezing point of water is
 - a) 32°F
 - b) 0°F
 - c) 42°F
 - d) 100°F
- 3) Small amounts of electrical current are measured in milliampere (mA). How many milliampere are there in 0.25A?
 - a) 2.5 mA
 - b) 25 mA
 - c) 250 mA
 - d) 2500 mA
- 4) _____ is an example of a periodic change.
 - a) Earthquake
 - b) Formation of rainbow in sky
 - c) Occurrence of tides in seas
 - d) Showering of rain
- 5) Which part of the cell is called the brain of the cell?
 - a) Lysosome
 - b) Ribosome
 - c) Mitochondria
 - d) Nucleus
- 6) _____ helps in cell division.
 - a) Endoplasmic reticulum
 - b) Golgi complex
 - c) Centriole
 - 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) Homo sapiens
 - b) Rattus rattus
 - c) Magnifera indica
 - d) Columba livia
- 9) Tux paint software is used to _____.
 - a) Paint
 - b) Program
 - c) Scan
 - d) PDF
- 10) In Tux Math, space cadet option is used for _____.
 - a) Simple addition
 - b) Division
 - c) Drawing
 - d) Multiplication

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

- 11) What is the use of kink in clinical thermometer?
- 12) How much will the temperature of 68°F be in celsius?
- 13) **Fill in the blanks:**
 - i) At room temperature Mercury is in _____ state.
 - ii) -7°C temperature is _____ than 0°C temperature.
- 14) What is the speed of electric current?
- 15) Name few insulators.
- 16) **True? (or) False?**
 - i) In a parallel circuit, the electric components are divided into branches.
 - ii) The representation of the electric current is A.
- 17) State two examples of periodic changes.
- 18) What type of change is colouring of a paper?
- 19) Is solar eclipse a periodic change? Give your reason.

Kindly send me your answer keys to us - padasalai.net@gmail.com

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2

20) **Match:**

- | | | |
|-------------------------|---|-----------------------|
| 1. Transporting channel | - | Lysosome |
| 2. Suicidal bag | - | Endoplasmic reticulum |
| 3. Food producer | - | Mitochondria |
| 4. Power house | - | Chloroplast |

21) **Analogy:**

- i) Adipose : Tissue :: Eye : _____
- ii) Cellwall : Plant cell :: Centriole : _____

22) Why the cell is very important for us?

23) Define an electric current.

24) **Fill in the blanks:**

- i) Spoiling of food is a _____ change.
- ii) Respiration is a _____ change.

25) Write correct sequence from cell to organism.

26) What is classification?

27) Write two examples of Monera.

28) Write the levels of classification.

29) What is the use of Text Tool?

30) What is the shortcut key for save option?

III. Answer the following:**4×5=20**

31) a) Draw the diagram of a clinical thermometer and label its parts.

(OR)

b) Explain the construction and working of an Telephone.

32) a) Explain the construction and working of a dry cell.

(OR)

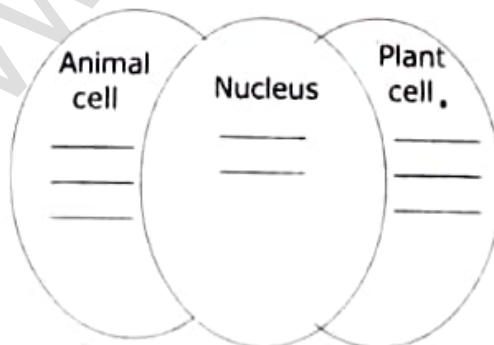
b) i) Distinguish physical and chemical changes.

ii) Mention any two exothermic reactions.

33) a) How the iron blade is fixed into a wooden handle in tools used to dig the soil?

(OR)

b) Compare the plant cell and the animal cell and complete the illustration given below.



34) a) Write short notes on - Binomial Nomenclature.

(OR)

b) Differentiate Plantae and Animalia.