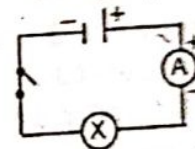


B COMMON SECOND SUMMATIVE EXAMINATION - 2023**Standard - VII****Time: 2.00 hrs****SCIENCE****Marks:60****10x1=10****I Choose the correct answer.**

- International unit of measuring temperature is _____
a) Kelvin b) Fahrenheit c) Celsius d) Joule
- The body temperature of a healthy man is _____
a) 0°C b) 37°C c) 98°C d) 100°C
- 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
- When a woolen yarn is knitted to get a sweater, the change can be classified as
a) physical change b) chemical change
c) endothermic change d) exothermic change
- _____ helps in cell division.
a) Endoplasmic reticulum b) Golgi complex
c) Centriole d) Nucleus
- Which part of the cell is called the brain of the cell?
a) Lysosome b) Ribosome c) Mitochondria d) Nucleus
- Who proposed the five Kingdom of Classification.
a) Aristotle b) Linnaeus c) Whittakar d) Plato
- The binomial name of pigeon is _____
a) Home Sapiens b) Rattus rattus c) Mangifera indica d) Columbo livia
- In the circuit diagram below, 10 units of electric charge move past point x every second what is the current in the circuit.
a) 10A b) 1A c) 10V d) 1V



- Tux Math software helps in learning the _____
a) Painting b) Arithmetic c) Progammimg d) Graphics

5x1=5**II Fill the blanks**

- At room temperature Mercury is in _____ state.
- _____ is used to measure the electric current.
- Spoiling of food is a _____ change.
- Mature Red blood cell do not contain a _____
- Carolus Linnaeus is known as the Father of _____

5x1=5**III Match the following:**

- | | | |
|--------------|---|-----------|
| 16. Monera | - | Moulds |
| 17. Protista | - | Bacteria |
| 18. Fungi | - | Neem |
| 19. Plantae | - | Butterfly |
| 20. Animalia | - | Euglena |

10x2=20**IV Give short answer; Write any 10**

- Write the units which are used to measure the temperature?
- The body temperature of Ramu is 99°C is he suffering from fever? If so, why?
- Analogy
a) Water : Pipe :: Electric current :
b) Length : metre scale :: Current :

(2)

24. a) State two examples of periodic changes.
b) What type of change is colouring of a paper?
25. What are the functions of cell wall in plant cell?
26. What is classification?
27. Write the binomial name of
a) Human b) Paddy
28. What is Tux paint?
29. What is the use of Ranger?
30. What are the main things in a nucleus
31. Classify the following terms into cells, tissues, organs and write in the tabular column given below.
Neuron, RBC, hand, muscle, heart, brain, egg, leaf.

Cell	Tissue	Organ

32. Convert the given temperature
a) $0^{\circ}\text{C} = \underline{\hspace{2cm}} \text{K}$ b) $20^{\circ}\text{C} = \underline{\hspace{2cm}} ^{\circ}\text{F}$

V Give long answer any four.

4x5=20

33. State the similarities and differences between the laboratory thermometer and the clinical thermometer.
34. a) Name some devices that run using heat effect of electric current.
b) Differentiate parallel and Serial Circuits.
35. Draw plant cell and mark the parts.
36. Classify the following changes as physical and chemical changes.
Rusting of a iron nail, digestion of food, boiling egg, crushing a can, blinking of eye lids.
37. Match the change of state
- | | | |
|--------------|---|-----------------|
| Melting | - | Liquid of State |
| Vaporization | - | Solid to Liquid |
| Freezing | - | Gas to Liquid |
| Condensation | - | Solid to Gas |
| Sublimation | - | Liquid to Solid |
38. Explain the type of cell with example.
39. 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 in to branches.
e) Heart beat is periodic change.

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