

B COMMON SECOND TERM SUMMATIVE EXAMINATION - 2023

Standard - VI

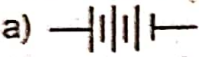
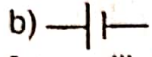

Time: 2.00 hrs

SCIENCE

Marks:60

I Choose the best answer.

10x1=10

- The unit of heat is _____
a) newton b) joule c) volt d) celsius
- Electricity is produced in _____
a) transformer b) power station c) electric wire d) television
- Choose the symbol for battery
a)  b)  c)  d) _____
- Formation of curd from milk is _____
a) a reversible change b) a fast change
c) an irreversible change d) an undesirable change
- Air pollution leading to acid rain is a _____
a) reversible change b) fast change
c) natural change d) human made change
- _____ is the percentage of nitrogen in air
a) 78% b) 21% c) 0.03% d) 1%
- Gas exchange takes place in plants using _____
a) Stomatob) Chlorophyll c) Leaves d) Flowers
- The 'Control centre' of the eukaryotic cell is _____
a) Cell Wall b) Nucleus c) Vacuoles d) Chloroplast
- Circulatory system transports these throughout the body
a) Oxygen b) Nutrient c) Hormones d) All of these
- Which one of the following is an input device?
a) Speaker b) Keyboard c) Monitor d) Printer

II Fill in the blanks

5x1=5

- The hotness of the object is determined by its _____
- Flow of electricity through a closed circuit is _____
- _____ gas turns lime water Milky.
- The _____ is the largest sense organ in our body.
- The term "Cell" was coined by _____

III Match the following:

5x1=5

- | | | |
|-------------------------|---|------------------|
| 16. Control center | - | Cell membrane |
| 17. Food producer. | - | Mitochondria |
| 18. Gate of the nucleus | - | Nucleus |
| 19. Gate of the cell | - | Chloroplasts |
| 20. Energy producer | - | Nuclear membrane |

IV Answer any 10 of the following:

21. What is temperature?

22. Analogy:

a) Heat : Joule :: Temperature : _____

b) ice cube : 0°C :: Boiling water : _____

23. True (or) False:

a) Pure water is a good conductor of electricity.

b) The switch is used to close or open an electric circuit.

24. Circle the odd one out and give reason:

a) Switch, Bulb, Battery, Generator

b) Growth of a child, Blinking of eye, Rusting, Germination of a seed.

25. What kind of change is associated with decaying of plants?

26. Analogy:

a) Curdling of milk : irreversible change : Formation of clouds :: _____ change.

b) Cooking of food : desirable change :: decaying of food :: _____ change.

27. What is atmosphere? Name the five layers of atmosphere?

28. Give any three examples of eukaryotic cell?

29. What are the essential components of a cell?

30. Arrange in correct sequence:

Stomach → Large intestine → oesophagus → pharynx → mouth →

small intestine → Rectum → Anus

31. Name the five important sense organs.

32. Name the parts of a computer?

4x5=20

V Answer any 4 in detail

33. Explain thermal expansion with suitable examples.

34. Tabulate the different components of an electric circuit and their respective symbols.

35. Give one example for each case that happens around you.

a) Slow and fast change

b) Reversible and irreversible change

c) Physical and Chemical change

d) Natural and man-made change

e) Desirable and undesirable change.

36. Why is atmosphere essential for life on earth?

37. Tabulate any five cell organelles and their functions.

38. List out the functions of Endocrine System and nervous system.

39. Match the following:

- | | | |
|--------------|---|---------------------|
| a) VGA | - | Input device |
| b) Bluetooth | - | Connecting cable |
| c) Printer | - | LDMI |
| d) Keyboard | - | Wireless connection |
| e) HDMI | - | Output device |

***/**