

Tsi6S

Tenkasi District

Second Summative Assessment, December - 2024



20-12-24

Standard 6**SCIENCE**

Time: 2.00 Hours

Marks: 60

6x1=6

I. Choose the correct answer.

- 1) The unit of heat is
 - a) newton
 - b) Joule
 - c) Volt
 - d) Celsius
- 2) Electricity is produced in
 - a) Transformer
 - b) power station
 - c) electric wire
 - d) television
- 3) Formation of curd from milk is
 - a) a reversible change
 - b) a fast change
 - c) an irreversible change
 - d) an undesirable change
- 4) The constituent of air that support combustion is
 - a) Nitrogen
 - b) Carbon dioxide
 - c) oxygen
 - d) water vapour
- 5) Most organelles in an eukaryote cell is found in the
 - a) cell wall
 - b) cytoplasm
 - c) nucleus
 - d) vacuole
- 6) Main organ of respiration in human body is
 - a) Stomach
 - b) Spleen
 - c) Heart
 - d) Lungs

II. Fill in the blank

5x1=5

- 7) The SI unit of temperature is
- 8) is the device used to close or open an electric circuit?
- 9) Change that are harmful to us are (desirable/undesirable)
- 10) gas turns lime water milky
- 11) The egg of an ostrich is the single cell

III. Match the following :

5x1=5

- 12) VGA - Input device
- 13) Bluetooth - Connecting cable
- 14) Printer - LDMI
- 15) Keyboard - Wireless connection
- 16) HDMI - Output device

IV. True or False, if false:

5x1=5

- 17) Thermal expansion is always a nuisance
- 18) Secondary cell can be used only once
- 19) Digestion of food is a physical change
- 20) Nerve cell is the longest cell
- 21) The other name of food pipe is alimentary canal

V. Analogy:

5x1=5

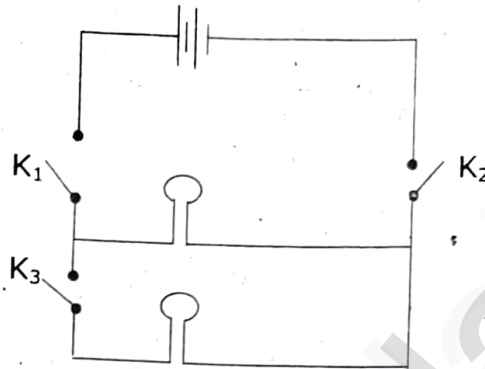
- 22) Heat: Joule : : Temperature :
- 23) Curding of Milk : Irreversible charge: : formation of clouds : charge
- 24) Photosynthesis : : : Respiration : Oxygen
- 25) Prokaryote : Bacteria : : Eukaryote :
- 26) Enzymes : Digestive glands : : : Endocrine glands

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VI. Answer any 7 questions.**7x2=14**

- 27) Make a list of electrical equipments at home which we get heat from.
 28) In the given circuit diagram which of the given switch(s) should be closed so that only the bulb A glows



- 29) What is a solution
 30) What will happen if you breathe through mouth?
 31) Give any three examples of eukaryotic cell?
 32) Why cells are called building blocks of life?
 33) Define the term "Trachea"
 34) Name the important parts of the eye
 35) What are the three types of blood vessels?
 36) Name the parts of a computer?

VII. Answer in detail.**4x5=20**

- 37) a) Explain thermal expansion with suitable examples
(OR)
 b) Write short notes on conductors and insulators.
- 38) a) Give one example for each case that happens around you.
 a) Show and fast change
 b) Reversible and Irreversible change
 c) Physical and chemical change
 d) Desirable and undesirable change
(OR)
 b) How do plants and animals maintain the balance of oxygen and carbon dioxide in air?
- 39) a) Tabulate any five cell organelles and their function.
(OR)
 b) List and the function of Endocrine system and Nervous system
- 40) a) Bring out any two differences between input and output devices
(OR)
 b) Draw a computer and label its parts

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