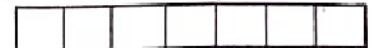


FM

FIRST MID TERM TEST - 2023

CLASS :8

SCIENCE



TIME : 1.30 Hrs.

MARKS :50

- I Choose the best option.** 10 X 1 = 10
- SI unit of temperature is
a) Celsius b) Fahrenheit c) Kelvin d) Ampere
 - Closeness of two or more measured values is called as
a) accuracy b) Precision c) Error d) Approximation
 - The value of atmospheric pressure at sea level is
a) 76 cm of Mercury column b) 760 cm of Mercury column
c) 176 cm of Mercury column d) 7.6 cm of Mercury column
 - The unit of viscosity is a) Nm^2 b) Poise c) Kg mS^{-1} d) No unit
 - The liquid metal used in thermometers is
a) Copper b) Mercury c) Silver d) Gold
 - Pencil lead contains..... a) Graphite b) Diamond c) Aluminium d) Sulphur
 - The Pigment responsible for browning of apples is
a) Hydrated Iron (ii) Oxide b) Melanin c) Starch d) Ozone
 - shows both living and non living characteristics
a) Protozoa b) Virus c) Bacteria d) Fungi
 - Common cold in human is caused by
a) Plasmodium b) Influenza c) Vibrio cholera d) Aphtho virus
 - The first land plants are
a) Bryophytes b) Pteridophytes c) Gymnosperms d) Angiosperms
- II Fill in the blanks.** 5 X 1 = 5
- One mole of a substance contains atoms or molecules.
 - The property of of a liquid surface enables the water droplets to move upward in plants.
 - Water contains and element.
 - is prepared from a mould called Penicillium.
 - Xylem and Phloem are absent in plants.
- III Answer briefly. (Any 10)** 10 X 2 = 20
- What is Measurement?
 - What is electric current?
 - Consider the statements given below and choose the correct option.
Assertion: Water strider slides easily on the surface of water.
Reason : Water strider experiences less buoyant force.
a) Both assertion and reason are true and reason is the correct explanation of assertion.
b) Both assertion and reason are true but reason is not the correct explanation of assertion.
c) Assertion is true, but reason is false d) Both assertion and reason are false
 - Name six common non - metals and write their symbols.
 - Define Alchemy.
 - Match the following.**
Rusting - Decomposition of lime stone
Electrolysis - Photosynthesis
Thermolysis - Brine
Catalysis - Iron
 - What happens when an iron nail is placed in copper sulphate solution?
 - State true or false. If false correct the statement.**
a) Chicken pox is a communicable disease.
b) Female anopheles mosquito is a carrier of dengue virus.
 - Write the four types of bacteria, based on their shape.
 - What are antibiotics?
 - Seeds of gymnosperms plants are naked. Why?
 - Write the differences between algae and fungi
- IV Answer in detail.** 3 X 5 = 15
- a) List out the base quantities with their units. **(OR)**
b) Give the different types of friction and explain each with an example.
 - a) i) Mention any four compounds and their uses.
ii) Why wires cannot be drawn from materials such as stone or wood? **(OR)**
b) Explain the environmental effects of chemical reactions?
 - a) Write a short note on bacteria and its structure.**(OR)**
b) Write the names of medicinal plants and explain their uses.

FM 8 SCIENCE (EM) SINGLE PAGE