PM SHRI KENDRIYA VIDYALAYA SITAPUR (FIRST SHIFT)

Session Ending Examination - 2024-25

Class – VI **Subject - Science** **M.M. – 60** **Time – 2 Hrs. 30 min.**

Section - A **Multiple Choice Question** **(12×1= 12M)**

Q1 . What is a reference point ?

a) A Random point
(c) A fixed object or location
b) The start of measurement
(d) The end of measurement

Q2 . Which of the following is not a planet of sun ?

a) Jupiter b) Pluto (c) Neptune (d) Saturn

Q3. Which of the following object does not belong to the same group ?

a) Aluminium foil.
(c) Copper wire
b) Steel Tumbler.
(d) Plastic cup

Q4 . Which of following does not grow ?

a) Tree (b) Eraser (c) Baby (d) Butterfly

Q5. What is the typical range of a laboratory thermometer ?

a) -10 °C to 50°C.
(c) -10 °C to 100°C
b) -10 °C to 110°C.
(d) - 10 °C to 150°C

Q6. Which type of thermometer was used during over 19 pandemic for non contact measurement ?

a) Digital thermometer
(c) Mercury thermometer
b) Infrared thermometer
(d) Alcohol thermometer

Q7. Threshing is done by

a) Beating
(c) Bullocks
b) Machines
(d) All of these

Q8. Which of the following substance are commonly separate using the churning method ?

a) Oil from water
(c) cream from milk
b) Sand from water
(d) Oxygen from air

Q9 which of the following best describe condensation ?

a) The conversion of water into its vapour state .
b) The process of water changing from a liquid into gaseous state .
c) The formation of cloud from tiny water droplet
d) The conversion of water vapour into its liquid state .

Q10. Which one is not hard to touch ?

a) Ice (b) Water (c) Wax d) Stone

Q11. Which of the following is not a member of our solar system ?

a) Sirius b) Asteroids. (c) Comets d) Pluto

Q12. Which of the following gas do not used in breathing ?

a) Carbon dioxide (b) Oxygen (c)Nitrogen (d) None of these

Section - B Fill in the blank with appropriate word (1×3= 3M)

Q13. 1 meter is equal to …… centimeters .

Q14. The normal temperature of a healthy human body is taken to be ……. ° C

Q15 . Material which are difficult to compress or scratch are …….

Section – C One word / one sentence type (1×5= 5M)

Q16 . What is the SI unit of length ?

Q17. Name the material which is transparent and is not visible .

Q18. What is the SI unit of temperature ?

Q19. What is germination ?

Q20. What are insectivorous plant ?

Section – D Assertion - Reason Question (1×1 = 1M)

Q21. **Assertion (A) :** Digital thermometers are replacing Mercury thermometers.

Reason (R) : Mercury is a toxic substance and digital thermometer provide easier to read displays.

a) Both (A) and (R) are true and (R) is correct explanation of the (A) .
b) Both (A) and (R) are correct but (R) is not the correct explanation of the (A) .
c) (A) is true but (R) is false .
d) (A) is false but (R) is true .

Section - E True / false (1×3= 3M)

Q22. Clinical thermometer are used for measuring the temperature of boiling water . **(T/F)**

Q23. Air is considered matter because it has mass and occupied space. **(T/F)**

Q24. Linear motion can be observed in a car driving on a straight road. **(T/F)**

Section - F Match the Column

Q25 Match the following item given in given in column a with that in column b **(3M)**

Colum A.	Column B
(a Moving air	(i) Water harvesting
(b Saving water	(ii) Soil
(c) Sunlight	(iii) Breath

(d) Disintegration (iv) Rock

(e) Oxygen (v) Wind

(f) Hand axes (vi) source of energy

Section - G Passage/case based questions. (1×3=3M)

Water is an essential part of life on Earth. It exists in three states: solid, liquid, and gas. The most familiar form of water is liquid, which we use for drinking, washing, and cooking. However, water can change its state under different conditions of temperature. When frozen, water becomes solid ice. When heated, it turns into water vapor, a gas that we can't see but feel as steam.

Q26 (a).What are the three states in which water exists?

Q26 (b) What happens to water when it is frozen?

Q26 (c) How do we feel water when it turns into vapor?

Section – H Short Answer Questions. (2 × 6 = 12M)

Q27 . Suppose the distance between your school and home is 1.5 km .Express it in meters .

Q28. What are opaque materials ? Give two example of opaque object.

Q29. Can we measure the body temperature of a person without touching the body ? What device don't be used for this ?

Q30. What is water cycle ?

Q31. Why is Venus called the twin planet ?

Q32. What is respiration ?

Section – I Long Answer Questions.

Q33. Would it be a good idea to use paper like material for making cooking utensils ? (**4M**)

Q34. Give characteristic of living organism in details . (**5M**)

Q35. What is the mixtures ? Explain the method of separation . (**5M**)

Q36. Define motion. Name any three type of motion . (**4M**)