



ST. MARGARET SR. SEC. SCHOOL
MID TERM EXAMINATION 2023-24
Sample Paper
SCIENCE
CLASS VI

Time: 2 Hr 30 Min

M.M: 60

GENERAL INSTRUCTIONS:

- All questions are compulsory.
- Section A carries 1 mark each.
- Section B carries 2 marks each.
- Section C carries 3 marks each.
- Section D carries 5 marks each.

SECTION -A

Select the correct option (Q1-16) (MCQ)

- Q1. Which is a standard unit of measurement?
a. Angul (finger) b. Mutthi (fist) c. Step d. Inch
- Q2. Image formed by the pinhole camera is
a. bright b. blurred c. inverted d. straight
- Q3. When the Sun is overhead during mid-afternoon, the shadow is
a. long b. short c. wide d. dark
- Q4. 5 kilometres are equal to
a. 5,00,000 m b. 50,000m c. 500 m d None of these
- Q5. When we put a little oil on paper it becomes
a. soft b. transparent c. translucent d. opaque.
- Q6. _____ is the site for reproduction in plants
a. Leaf b. flower c. sepals d. petals
- Q7. Which of the following nutrient is / are present in the milk?
a. Calcium b. Vitamin D c. both a & b d. Vitamin C
- Q8. An oscillatory motion is always
a. circular b. curvilinear c. linear d. Periodic
- Q9. Which of the following is not a nutrient?
a. Carbohydrates b. vitamins s c. water d. fats
- Q10. Which is the best way to separate water and mustard oil?
a. Sieving b. decantation c. filtration d. distillation
- Q11. Anaemia is a disease of the
a. bones b. pale skin c. blood d. hair
- Q12. Glass is
a. transparent b. translucent c. both a & b d. none of these
- Q13. Gases that do not dissolve in water
a. Oxygen b. carbon dioxide c. Nitrogen d. Neither a nor b

Q14. A plastic sheet coated on a book is usually:
a. luminous b. Translucent c. malleable d. opaque

Q15. A mixture of sand, pebbles and gravel can be separated by:
a. Threshing b. Winnowing c. Sieving d. Handpicking.

Q16. Reticulate venation is found in the leaves of:
a. Peepal b. Rose c. both a & b d. grass

Q17. Read the following passage and answer the following questions.

Seema observed the shadow of a tree at 9 am ,12 noon and at 4 pm and 9 pm on a summer day. Which of the following option is correct?

1. Size of the shadow will be shortest at
a. 9am b.12 noon c. 4 pm d.9 pm
2. The shadow will be longer at
a. 9am and 4 pm b.9am & 9pm c. 9am &12 noon d. 12 noon & 9pm
3. There will be the smallest shadow formed due to Sun in/ at
a. morning b. evening c. noon d. both a& b
4. Changes in the shadow occur like
a. Size changes but shape remains same c. Shape changes but size remains same
b. Both size and shape changes d. neither shape nor size changes

Q18. For question numbers 1 to 4 two statements are given- one labelled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes (a), (b), (c) & (d).

(a) Both (A) and (R) are true and (R) is the correct explanation of the assertion.

(b) Both (A) and (R) are true and (R) is not the correct explanation of the assertion.

(c) (A) is true but (R) is false.

(d) (A) is false but (R) is true.

1. **Assertion (A):** In cars the windshields made of glass are used.
Reason (R): Those substances through which things can be seen clearly are called transparent substances.
2. **Assertion (A) :** Potato is an underground stem that stores food
Reason (R): Potato does not have underground roots to transport water and minerals
3. **Assertion(A):** For the measurements unit international system of units are the system or method used.
Reason (R) : The metre is the SI unit of length.
4. **Assertion(A) :** Dried beans and eggs contain appreciable amounts of phosphorus.
Reason(R) : Milk and dairy products are excellent sources of phosphorus.

Q19. Define Evaporation

Q20. List the following substances as soluble and insoluble in water.
salt , sugar , dust, wax, potassium permanganate , blotting paper.

Q21. State any one difference between petiole and pedicel.

Q22.Why does stone sinks in water?

Q23. Why should we eat sea food?

Q24. Define filtration

Q25. Which nutrient is the source of energy?

Q26. What is the important function of petals?

Q27. The height of a person is 2.65 m. Express it into cm and mm.

Q28. On what principle Pin hole camera works?

Q29. What is solution?

Q30. What type of a measuring device can be used to measure a piece of cloth ?

SECTION -B

Q31. What do you mean by handpicking? Explain with example

Q32. Differentiate between herbs and shrubs.

Q33. A. What is roughage?

B. If a child is suffering from bent legs and thin bones, which deficiency does he have?

Q34. Why do we need standard unit for measurement?

Q35. What is reflection? Can we see a shadow if there is no light? Why or why not?

SECTION -C

Q36. A. Arrange the following in decreasing order:

2km, 2mm, 2cm, 2 m

B. Describe a method to measure a curved line.

1+2

Q37.a. What is mirror?

b. State any two characteristics of image formed by the plane mirror. **1+2**

Q38. Draw a well labelled diagram of sedimentation and decantation .

SECTION -D

Q39. a. Name the outermost part of a flower.

b. Draw a well labelled diagram of a leaf.

c. What are the important functions of a leaf?

1+2+2