



विद्या सर्वार्थ साधिका

# ANANDALAYA

## PERIODIC TEST -1

Class: VI

Subject: Science

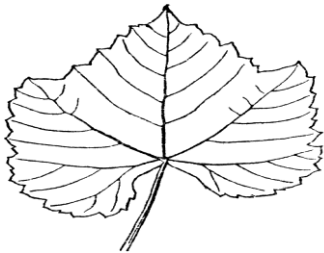
Date : 16-07-2025

MM : 40

Time: 1 Hr. 30 min.

### General Instructions:

1. There are 21 questions in this question paper. All questions are compulsory.
2. Q. No.1 to 12 are objective-type questions and carry 1 mark each.
3. Q. No.13 to 15 are short answer type questions and carry 2 marks each.
4. Q. No.16 to 19 are also short answer type questions and carry 3 marks each.
5. Q. No.20 and 21 are long answer questions and carry 5 marks each.

1. Science can answer questions about \_\_\_\_\_. (1)  
(A) planets and galaxies only  
(B) insects and atoms only  
(C) human inventions and discoveries only  
(D) exploration of all natural phenomena around us
  2. If your pen stops writing, what is the best way to find out the reason? (1)  
(A) Test all possible reasons by the scientific method.  
(B) Throw it away and use a similar pen.  
(C) Keep it aside and use a different pen.  
(D) Assume the ink is clogged and use a different pen.
  3. Which of these adaptations would not be useful for a desert plant? (1)  
(A) Long and deep roots  
(B) Thick and waxy leaves  
(C) Large and thin leaves  
(D) Ability to store water in stems and leaves
  4. If you were studying biodiversity in a park, which of these would be appropriate ways to record your observations? (1)  
(i) Taking photographs  
(ii) Writing descriptions  
(iii) Drawing sketches  
(iv) Collecting samples of all the plants  
(A) (i), (ii), (iii), (iv)  
(B) (ii), (iii), (iv)  
(C) (i), (ii), (iii)  
(D) (i), (iii), (iv)
  5. Identify the appropriate characteristic feature of an herb: (1)  
(A) It is very tall and woody  
(B) It has a thin stem  
(C) It has many thick branches  
(D) It lives for three years
  6. Observe the figure and identify the type of venation and root system from the given options: (1)  
(A) Reticulate Venation; Fibrous root  
(B) Parallel Venation; Tap root  
(C) Reticulate Venation; Tap root  
(D) Parallel Venation; Fibrous root
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7. \_\_\_\_\_ is a good source of protein. (1)  
(A) Cheese  
(B) Rice  
(C) Sugarcane  
(D) Almonds
8. Iodine deficiency can cause \_\_\_\_\_. (1)  
(A) Rickets  
(B) Goitre  
(C) Anaemia  
(D) Scurvy
9. Which of the following is not a millet? (1)  
(A) Jowar  
(B) Bajra  
(C) Ragi  
(D) Wheat

For question numbers 10 to 12, two statements are given-one labelled Assertion and the other labelled Reason. Select the correct answer to these questions from the codes (A), (B), (C) and (D) as given below.

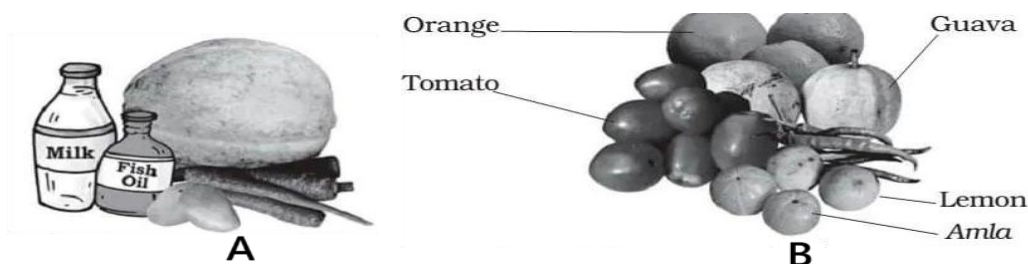
(A) Both A and R are true and R is the correct explanation of A.

(B) Both A and R are true but R is NOT the correct explanation of A.

(C) A is true but R is false

(D) A is false and R is also false.

10. A: We start exploring our surroundings and asking questions right from our childhood. (1)  
R: The most important thing is to have 'speed' to discover new things.
11. A: Creepers are plants that have weak stems which cannot stand upright. (1)  
R: Pumpkin and watermelon are examples of creepers.
12. A: Water is an essential part of our diet. (1)  
R: Water helps the body absorb nutrients from food.
13. 'Curiosity is important in Science'. Justify the given statement by writing any two scientific reasons. (2)
14. What is a balanced diet? Why is it important for our health? (2)
15. Ritesh placed the rabbit, cow and sheep in the same animal group based on common features. (2)  
List any two of their common features.
16. Explain the steps of the scientific method, using the example of a plant that isn't growing well. (3)
17. The sources of vitamins are given in figures A and B. (3)



(a) Identify the major vitamins present in the sources given in the figures A and B.

(b) Write any two major functions of these vitamins in our body.

18. (a) Draw the diagram of the taproot and fibrous root system. (3)  
(b) Write any one major difference between them with an example each.
19. A child of your age is experiencing stunted growth, frequent illnesses and lethargy. List the possible reasons for these symptoms, considering the child's diet. (3)
20. Observe the picture and answer the questions given below: (5)  
(a) What scientific tool is the student using in the picture?  
(b) Name two other scientific tools that you have seen in your school science laboratory.  
(c) What do you think the child might be observing through this tool?  
(d) If you were the child in the image, what curious questions would you ask about what you are observing? (any two)
21. (a) Define the term 'biodiversity'. (5)  
(b) Describe any two causes that lead to the loss of biodiversity around us.  
(c) Suggest any two major measures to preserve our nation's biodiversity.

