



विद्या सर्वार्थ साधिका

ANANDALAYA  
PERIODIC TEST – 1  
Class: VI

Subject: Science  
Date : 20-07-2024

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.

1. Which of the following characteristics is not found in plants? (1)  
(A) Reproduction (B) Locomotion (C) Respiration (D) Growth
2. While doing an activity in the class, the teacher asked Raj to give a translucent material. Which among the following material will Raj pick and give to his teacher? (1)  
(A) Glass tumbler (B) Mirror (C) Muslin cloth (D) Aluminium foil
3. Roots of plants help in preventing \_\_\_\_\_. (1)  
(A) drought (B) floods (C) rainfall (D) snowfall
4. Cotton seed oil and water are \_\_\_\_\_. (1)  
(A) Solids (B) gases (C) miscible (D) immiscible
5. List the major landforms? (Any two) (1)
6. Fill in the blanks with appropriate words: (1)  
(a) \_\_\_\_\_ solution is used to test the presence of starch in a food item.  
(b) During the testing of starch in a food sample, when yellow coloured solution changes to \_\_\_\_\_ colour confirms the presence of starch.
7. Choose the odd one out. (1)  
(a) Water, Wood, Wall, Green board  
(b) Feather, Iron nail, Paper, Pencil shavings
8. Junk food is not a healthy food. Justify the statement by giving an example. (1)
9. Why do some materials lose their shine with the passage of time? (1)

For question numbers 10 to 12, 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) 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 but (R) is true.

10. Javed found a bag containing the following materials: Mirror, Paper stained with oil, Magnet, Glass spectacles. (1)  
Assertion (A): Javed grouped mirror and magnet as opaque materials.  
Reason (R) : Opaque materials do not allow light to pass through them.
11. Assertion (A): Deficiency diseases are caused due to lack of taste in our diet. (1)  
Reason (R) : Deficiency diseases can be prevented by taking a balanced diet.
12. You might have observed the preparation of ghee from butter and cream at home. Ghee is separated from the residue by the process of decantation and filtration. (1)  
Assertion (A): During the preparation of ghee from butter and cream, the insoluble solid particles remain at the bottom of the container and ghee floats on the top.  
Reason (R) : The process of separating clear liquid without disturbing the solid particles is called decantation. In filtration the mixture is allowed to pass through a strainer.
13. What are dietary fibres? Explain their importance in our body. (2)
14. On a bright sunny day, Shikha was playing hide and seek with her brother. She hid herself behind a glass door. Do you think her brother will be able to locate her? If yes, why? If no, why not? (2)
15. Write any two sources of (a) Vitamin C and (b) Carbohydrate. (2)
16. Mohan was feeling thirsty but he found a pot of water at home which was muddy and unfit for drinking. How will Mohan make this water fit for drinking? He has following materials handy in the kitchen: (3)  
Alum, tub, muslin cloth, gas stove, thread, pan and lid
17. Honey, mustard oil, glucose, sawdust, sugar, petals of flowers are some of the substances given to Sabina. She wants to know whether these substances are soluble in water or not. Help her to classify them as soluble and insoluble substances. (3)
18. Give three examples of non-living things, which show any two characteristics of living things. (3)
19. (a) List at least four purposes for which you require water in your daily life. (3)  
(b) List any two common sources from where people get water?
20. Chalk, iron nail, wood, candle and aluminium foil usually look different from each other. Give two properties by which you can differentiate the above materials from one another. (5)
21. (a) Ravi and Shireen are arguing whether milk contains proteins or not. How will you help them to identify the presence of protein in the milk? (5)  
(b) From the following, who needs a carbohydrate and fat-rich diet and why?  
(i) A labour (ii) An office clerk (iii) A player