



विद्या सर्वार्थ साधिका

ANANDALAYA

PERIODIC TEST - 2

Class : VI

Subject: Science

Date : 24-09-2022

MM : 50

Time: 2 hours.

General Instructions:

1. There are 23 questions in this question paper. All questions are compulsory.
2. Q. No. 1 to 11 are objective type questions and carry 1 mark each.
3. Q. No. 12 to 14 are short answer questions and carry 2 mark each.
4. Q. No. 15 to 20 are also short answer questions and carry 3 marks each.
5. Q. No. 21 to 23 are long answer question and carry 5 marks.

1. Among the following fibres, which is the natural one? (1)
(A) Terylene (B) Polyester (C) Glass fibre (D) Linen
2. Pick the odd one out from the given objects based on its utility. (1)
(A) Toys (B) Newspaper (C) Calendar (D) Mug
3. Which of the following is not a property of materials? (1)
(A) Hardness (B) Appearance (C) Solubility (D) Weight
4. The method used to separate the good grains from the chaff is _____. (1)
(A) Threshing (B) Winnowing (C) Hand picking (D) Sieving
5. Among the list of changes given below, identify the option showing reversible change. (1)
(A) The melting of ice candy (C) Ripening of a mango
(B) Souring of milk (D) Dissolving sugar in water
6. The stalk of a plant leaf is called _____. (1)
(A) Pistil (B) Petiole (C) Peduncle (D) Pedicle
7. Standard units (SI) are used for measuring the length of many things. Which standard unit is used for measuring cloth? (1)
8. A child is on a moving swing. Which type of motion is exhibited by the child and why? (1)
9. Write any two characteristics of shadows formed by any object. (1)
10. Name the following: (1)
(a) Beads like structures in the ovary of the flower.
(b) Yellow powdery structure produced by anther.
11. Which one is a creeper, water melon or money plant? Why? (1)
12. Explain the process of making yarn from fibre. (2)

13. Anshu was helping his mother with some household work. When they were filling and storing rice, they found a few stones larger than the size of rice in it. Name the process and explain how would he remove stones form rice grains. (2)
14. In the following changes, pick up the ones which are the examples of chemical changes and physical changes? (2)
- Rusting of iron
 - Water turning into water vapour
 - Cooking of food
 - Burning of candle
15. Mathew and Tom are college friends. It was Mathew’s birthday and both of them went out to buy a new shirt for Mathews. But neither of them could agree upon choosing the material of the shirt. It was summer season and Tom advised his friend to choose a shirt of a particular material. (3)
- In your opinion, what kind of material should they select? Why is it the right material?
 - What other qualities would you prefer while selecting the shirt on your birthday?
16. Gita and Priti were looking for objects made of different materials in their science activity room. Please help them to fill up the given table with three examples of each material. (3)

Materials	Objects
(i) Leather	
(ii) Plastic	
(iii) Steel	

17. Matter undergoes changes. Some changes can be reversed and some changes are irreversible. Classify the following changes into reversible and irreversible changes. (3)
- Iron is melted into a spade
 - Melting of candle
 - An egg is boiled into solid form
 - Steaming of potato
 - Dough rolled into roti
 - Cooling of milk
18. Alok was in his science lab trying out different activities using a thread. He tied a stone to a thread and whirled it, holding the other end tight in his hand. (3)
- Which path is followed by the stone while it is in motion?
 - Why is the motion called so?
 - Does the distance between the finger and the stone change during this motion?
 - Write another example for this type of motion.
19. (a) Write an activity to prove that light travels in a straight line. (3)
- (b) Write one difference between image and shadow.

20. Write a scientific reason for each of the given statement: (3)
- (a) Materials float or sink when put in water.
 - (b) Shopkeepers place toffees and biscuits in glass containers.
 - (c) Gold is preferred to make ornaments.
21. (a) Differentiate among transparent, translucent and opaque objects giving one example for each of the objects. (5)
- (b) A red coloured toy is placed on a transparent glass sheet. What will be the colour and shape of the shadow formed?
22. Pankti wants to demonstrate separation of substances present in a mixture of sand, salt and water. Guide her by suggesting the appropriate steps of separation methods for each substance present in the mixture. Define each method that Pankti uses for separation of substances from this mixture. (5)
23. (a) How would you identify the root types in plants on the basis of the leaf venation? (5)
- (b) Name the root types and draw the labelled diagram of a leaf showing reticulate venation.
- (c) Identify the parts labelled from 1 to 4 in the below given diagram of a flower.

