



विद्या सर्वार्थ साधिका

ANANDALAYA
PERIODIC TEST -1
Class : VI

Subject: Science
Date : 18-07-2023

MM : 30
Time: 1 Hr. 30 min.

General Instructions:

1. There are 17 questions in this question paper. All questions are compulsory.
2. Q. No. 1 to 10 are objective type questions and carry 1 mark each.
3. Q. No. 11 to 13 are short answer type questions and carry 2 marks each.
4. Q. No. 14 to 16 are also short answer type questions and carry 3 marks each.
5. Q. No. 17 is a long answer question and carries 5 marks.

1. The primary function of proteins is to _____. (1)
(A) give more energy (B) give more warmth
(C) provide dietary fibres (D) repair our body
2. When iodine is put on the potato to test for starch, the colour turns to _____. (1)
(A) blue-black (B) blue
(C) grey- black (D) grey
3. The source of vitamin A and carbohydrates is _____. (1)
(A) grapes (B) mango
(C) soyabeans (D) sweet potato
4. When Vaseline is rubbed on a plain paper it becomes _____. (1)
(A) transparent (B) opaque
(C) translucent (D) nothing happens
5. Stones and mud which flow along with the river _____. (1)
(A) dissolve and settle down (B) does not dissolve and settle down
(C) dissolve and float (D) does not dissolve and float
6. The change in position of an object can be determined through its _____. (1)
(A) fast movement (B) slow movement
(C) distance (D) time

For question numbers 7 and 8, 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 Assertion and Reason are true and Reason is the correct explanation of Assertion.
- (B) Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
- (C) Assertion is true but Reason is false
- (D) Assertion is false and Reason is also false.

7. Assertion: When a golfer hits the ball, it rolls on the ground before it goes into the hole. (1)
Reason: The golf ball performs only rotatory motion before it goes into the hole.

8. Assertion: Gold is used to make jewellery. (1)
Reason: Gold is very costly.
9. What is meant by periodic motion? (1)
10. Write one use of sorting materials into groups. (1)
11. The movement of the pendulum and strings of playing guitar show periodic motion. (2)
Identify and define the motions exhibited by these two objects other than periodic motion.
12. Give reason: (2)
(a) Fats give us more energy than carbohydrates, but eating more fat is considered to be unhealthy.
(b) Roughage does not provide any nutrient to our body, yet it is essential component of our food.
13. (a) Name the vitamin produced by our body. (2)
(b) What is required to make the above vitamin in our body?
(c) Write the importance of the vitamin identified in (a) above.
(d) Name another source of the vitamin identified in (a) above.
14. (a) What is a rectilinear or linear motion? Write one example for rectilinear or linear motion (3)
in nature.
(b) Differentiate between circular and rotatory motion. Represent both the types of motions with the help of diagrams.
15. (a) How can you find whether a twig has lustre or a copper wire has lustre? (3)
(b) After sometime, metals lose their lustre. Why?
(c) Name two properties of a material that is used for making cooking utensils.
16. Give reason: (3)
(a) The shopkeeper always store sweets and savouries in the glass bottles.
(b) We use ground glass or translucent glass in washrooms.
(c) Some objects float in water while others sink.
17. Write the materials required, procedure, observation and the conclusion for the activity to test (5)
the presence of major food component present in boiled dal.