

**SINDHI HIGH SCHOOL, HEBBAL**

**III - PERIODIC TEST [2022-23]**

**SUBJECT: SCIENCE**

**Class: VI Max Marks: 30**

**Date: 10.02.2023 Reading Time: 8:15 to 8:25 am**

**No of Sides: 03 Writing Time: 8:25 to 9:25 am**

**General Instructions:**

The question paper consists of 15 questions in 5 sections.

All questions are compulsory.

**Section A** consists of 6 objective type questions carrying 1 mark each.

**Section B** consists of 4 Very Short questions carrying 1 & 2 marks each.

**Section C** consists of 3 Short Answer questions carrying 3 marks each.

**Section D** consists of 1 Long Answer question carrying 5 marks.

**Section E** consists of one Case Study Based question carrying 4 marks with subparts.

**SECTION- A**

1) Which of these will notform a shadow?

a) A child b) clear glass c) A tree d) A book (1)

2) Ramu’s grandmother is suffering from diarrhoea. Her doctor advised her to take ‘buttermilk’

with less fat content. Which of the following methods would be most appropriate for Ramu to

prepare it?

a) Filtration b) decantation c) churning d) winnowing (1)

3) Which of these provide energy?

a) Vitamins b) minerals c) carbohydrates d) water (1)

For question numbers 4,5 and 6 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 correct explanation of the assertion.

b) Both A and R are true, but 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.

4) **Assertion**: Farmers separate husk from wheat grains by winnowing.

**Reason**: winnowing is based on the property that grains are heavier than husk. (1)

5) **Assertion**: Proteins are needed by our body for muscle building and repairing worn out tissues.

**Reason**: As rice, wheat, corn and potatoes are rich in proteins. (1)

6) **Assertion** – Substances or objects can be classified on the basis of the amount of light passes

through them.

**Reason** – Mustard oil is taken in a test tube allows the entire light to pass through it. (1)

**SECTION-B**

7) Name 2 naturally occurring luminous objects. (1)

8) Define balanced diet. (1)

9) List any 2 characteristics of a shadow (2)

10) Mention the method used to separate tea leaves from prepared tea. Justify your answer. (2)

**SECTION-C**

11) i) What is a mixture? (1)

ii) Identify the processes shown in pictures below and give one example where each is used.

(2)

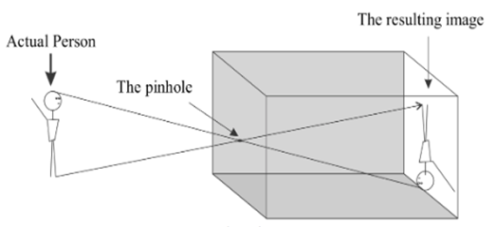
a)  b) 

12) Define sedimentation and decantation with a suitable diagram for each. (3)

13) Water does not provide nutrients, yet it is an important component of food. Give reason. (3)

**SECTION-D**

14) (5)



a) Identify the device.

b) Based on what principle does this device works?

c) Write any 2 use of it.

d) What type of image is formed on the screen?

e) Give example for such phenomenon in nature.

**SECTION-E**

15) **CASE STUDY**

We know that each dish is usually made up of one or more ingredients, which we get from plants or animals. These ingredients contain some components that are needed by our body. These components are called nutrients. The major nutrients in our food are named carbohydrates, proteins, fats, vitamins and minerals. In addition, food contains dietary fibres and water which are also needed by our body.

With some simple methods we can test whether cooked food or a raw ingredient contains one or more of these nutrients.

i) When we add iodine solution on a piece of bread it turns to (1)

a) Blackish-white b) Brownish – black c) Bluish –black d) Violet

ii) This vitamin is essential for normal growth of bones and teeth. (1)

a) Vitamin C b) Vitamin D c) Vitamin A d) Vitamin K

iii) The food item that is rich in iron. (1)

a) Spinach b) Milk c) Fish d) Seafood

iv) Solution of Copper sulphate and caustic soda are used to test the presence of which nutrient?

a) Carbohydrates b) Fats c) Proteins d) Vitamins (1)

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