

ATOMIC ENERGY CENTRAL SCHOOL-5, MUMBAI

SESSION: 2023-24

PERIODIC TEST - 1

CLASS-VI

SUB.: SCIENCE

TIME: 90 MIN.

M.M.:40

SECTION - A

Choose the correct answer from the given options.

[1x20 = 20 M]

Q1. Which of the following is not a nutrient?

- (a) Carbohydrates (b) Fats (c) Water (d) Vitamins

Q2. Starch can be tested by using

- (a) iodine solution (b) caustic soda (c) copper sulphate (d) Fehling's solution

Q3. Which of the following is transparent?

- (a) Wood (b) Stone (c) Glass (d) both (a) and (b)

Q4. Anything that has a mass and occupies space is called

- (a) classification (b) volume (c) matter (d) air

Q5. Which of the following can be compressed easily?

- (a) Stone (b) Iron (c) Steel (d) Cotton

Q6. Purpose of sorting materials into groups is

- (a) to study their properties (b) convenience (c) both (a) and (b) (d) None of above

Q7. Which of the following is soluble in water?

- (a) Salt (b) Sand (c) Chalk powder (d) None of these

Q8. Choose the opaque object from the following

- (a) charcoal (b) air (c) glass (d) water

Q9. Mixtures need to be separated because

- (a) to remove undesirable substances (b) to get desirable substances
(c) to obtain highly pure substances (d) all of the above

Q10. The process of separation of tea leaves by strainer is called

- (a) filtration (b) sedimentation (c) evaporation (d) condensation

Q11. Butter is separated from milk by

- (a) sedimentation (b) filtration (c) churning (d) decantation

Q12. Transparent materials allow the light to pass through them

- (a) partially (b) completely (c) sometimes only (d) not at all

Questions numbers 13 to 15 consists of two statements- Assertion (A) and Reason(R).

Answer these questions by selecting an appropriate option from 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.

Q13. Assertion: A balanced diet makes us healthy.

Reason: A balanced diet contains all the components of food in right proportion.

Q14. Assertion – When the heavier component in a mix settles after water is added to it the process is called sedimentation.

Reason – When the water along with the dust is removed the process called decantation.

Q15. Assertion – some materials are soluble in water whereas some others are in soluble

Reason- different types of materials have different properties.

Read the following paragraph and answer the question number from 16 to 20.

Foods containing fats and carbohydrates are also called ‘energy giving foods’. Proteins are needed for the growth and repair of our body. Foods proteins are often called ‘body building foods’. Vitamins help in protecting our body against diseases. Vitamins are of different kinds known by different names. Our body needs all types of vitamins in small quantities. Vitamin A keeps our skin and eyes healthy. Vitamin C helps body to fight against many diseases. Vitamin D helps our body to use calcium for bones and teeth.

However, in a given raw material, one particular nutrient may be present in much larger quantity than in others. For example, rice has more carbohydrates than other nutrients. Thus, we say that rice is a “carbohydrate Rich” source of food.

Besides these nutrients, our body needs dietary fibres and water. Dietary fibres are also known as Roughage. Roughage is mainly provided by plant products in our foods. Whole grains and pulses, potatoes, fresh fruits and vegetables are main sources of roughage.

Q16.keeps our skin and eyes healthy?

- (a) Vitamin D (b) Vitamin C (c) Vitamin E (d) Vitamin A

Q17. Name the nutrient needed for the growth and repair of the body?

- (a) Carbohydrates (b) Roughage (c) Minerals (d) Proteins

Q18. Which food does not contain Roughage?

- (a) Vegetables (b) Fresh fruits (c) Whole grains (d) Butter

Q19. A mineral required for keeping our bones and teeth healthy.

- (a) Vitamin-C (b) Calcium (c) Iodine (d) Iron

Q20. A person who suffering from bleeding gums, needs to take ----- rich diet.

- (a) Vitamin D (b) Vitamin C (c) Vitamin E (d) Vitamin A

SECTION - B

Answer the following questions.

[2x3 = 6 M]

Q21. Name Any two substances which provide Carbohydrates.

Q22. Write two substances which are made from plastic.

Q23. What is obesity?

SECTION - C

Answer the following questions.

[3x3 = 9 M]

Q24. What are nutrients? Write name of major nutrients.

Q25. Write test for presence of fat.

Q26. Define soluble or insoluble substances with example.

SECTION - D

Answer the following questions.

[5x1 = 5 M]

Q27. Answer the following:

(a) What is threshing?

(b) Explain the method that can be used for separating the following:

(1) Stone and husk

(2) Water and oil

(c) Define evaporation and condensation.
