**Atomic Energy Education Society**

**Atomic Energy Central School No. 03, Mumbai**

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 **PT- I Examination (2024-25)**

**Class: VI Duration: 1 ½ hours**

**Subject: Science Total Marks: 40**

**General instructions:**

1. **Question paper consist of 05sections: A, B, C, D and E (19 questions).**
2. **Section A consist of 07 questions of 01 mark each.**
3. **Section B consist of 06 questions of 02 marks each.**
4. **Section C consist of 04 questions of 03 marks each.**
5. **Section D consist of 01questions of 04 marks each.**
6. **Section E consist 0f 01 Questions of 05 mark each.**

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**Section- A**

**(07 × 01 = 07marks)**

1. Which nutrient is needed for growth and repair of the body?

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

1. Which of the following is a source of dietary fiber?

a) Meat b) Milk c) Rice d) Vegetables

1. Which of the following materials is transparent?

a) Wood b) Glass c) Plastic d) Metal

1. Which of these is a method to separate heavier and lighter components of a mixture?

a) Sieving b) Filtration c) Hand picking d) Winnowing

 5. Assertion (A): Separation of stones from rice is one of the separation method.

 Reason (R): The above separation method is handpicking method of separation.

 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.

 6. Which of the following is soluble in water?

 a) salt. b) Sand c) Chalk powder. d) mud

 7. Assertion (A): Deficiency of calcium causes rickets .

Reason(R) : In our diet milk and milk products are the major source of calcium.

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.

**Section- B**

1. **× 02 = 12 marks)**

8. Name two food items that are rich in proteins.

9. What is the purpose of sieving in separating substances?

10. Give two examples of materials that are opaque.

11. What is meant by saturated solution?

12. Define deficiency diseases.

13. What is sedimentation?

**Section – C (04× 03 = 12marks)**

14. Describe the process of winnowing and give one example of where it is used.

15. What are the various functions of protein? Write any three.

16. Write any three properties of materials.

17. A) What Is balanced diet.

 B) What are the symptoms of scurvy?

 **Section- D (01× 04 = 04marks)**

18. Ram and Sham, both friends, opened a new grocery shop. They bought many materials from the main market. Shyam arranged all items systematically based on their similarities and differences. Ram did not arranged the items. He just put them randomly according to the available space in his shop.

A) What is the significance of grouping items?

B) Suppose you are a grocer, how will you arrange items in your shop?

C) Who do you think will be able to locate things in their shop easily-Ram or Shyam? Why?

  **Section-E (01×05= 05 marks)**

19. What are the main components of food and why are they important for our body?

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