



Strive for Perfection

ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER

HALF YEARLY EXAM SESSION 2024 – 25

CLASS – VI

TIME: 3 HRS

SUBJECT : SCIENCE

M.M:80

GENERAL INSTRUCTIONS:-

- (a) All the questions are compulsory.
- (b) Section – A comprises 10 multiple choice questions, carrying 1 mark each.
- (c) Section – B comprises 10 one word answer questions, carrying 1 mark each.
- (d) Section – C comprises 10 short answer questions, carrying 3 marks each.
- (e) Section – D comprises 04 long answer questions, carrying 5 marks each.
- (f) Section – E comprises 02diagrams, carrying 5 marks each.

SECTION – A

1. Multiple choice questions

- (a) Which one of the following nutrient gives us energy?
(i) Proteins (ii) carbohydrates (iii) Minerals (iv) Vitamins
- (b) A student cuts a paper into four small square pieces. He observes that it is an irreversible change.
What makes this change?
(i) Addition of heat (ii) Change in shape (iii) Increase in size (iv) Difference in colour
- (c) Which of the following is an irreversible change?
(i) Burning of paper (ii) Growth of plant (iii) Cooking of food (iv) All of these
- (d) Rhizobium bacteria fixes ____ in the soil.
(i) oxygen (ii) carbon dioxide (iii) nitrogen (iv) hydrogen
- (e) Ginger that we use in cooking is a modified _____.
(i) stem (ii) root (iii) leaf (iv) fruit
- (f) Minerals are ____ substances.
(i) organic (ii) inorganic (iii) fats (iv) proteins
- (g) The main vein of the leaf is _____.
(i) lamina (ii) stalk (iii) midrib (iv) vein
- (h) Which of the following substances is translucent?
(i) sandpaper (ii) wood (iii) oily paper (iv) water
- (i) The deficiency of Vitamin B leads to _____.
(i) rickets (ii) goitre (iii) beriberi (iv) marasmus
- (j) What type of plant is a rose plant?
(i) Climber (ii) Herb (iii) Shrub (iv) Tree

SECTION – B

2. Very short answer questions.

- (a) Name two plants that have a parallel venation.
- (b) What is obesity.
- (c) Write the full form of PEM.
- (d) Why desert plants have long roots?
- (e) Name two brittle substances.
- (f) What kind of change is the burning of paper?
- (g) Name two non-flowering plants.
- (h) Why does our left side appear right side, when we see our image in a plane mirror?
- (i) What is the male reproductive part of a flower?
- (j) Which vitamin is vital for Hemoglobin?

SECTION – C

3. Short answer questions

- (a) What is a chemical change.
- (b) Can a shadow of an astronaut form on moon? Why/ why not?
- (c) Why do we need to take iodine?
- (d) What happens when we keep milk in refrigerator?
- (e) Is the burning of a candle, a chemical or a physical change? Explain with a reason.
- (f) What change do you observe on burning of paper?
- (g) You find more climbers in a thick forest. Why?
- (h) Give two cooking practices that lead to the loss of nutrients in food material.
- (i) What is the difference between making of food by leaves and making of food in the kitchen?
- (j) What are the advantages of roots in plants?

SECTION – D

4. Long answer questions. (Do any four)

- (a) Physical and chemical changes.
- (b) How is a metal rim fixed around wheel?
- (c) Vitamins and minerals are protective foods, but they are required in small quantities. Why is it so? Give a suitable reason.
- (d) What are the characteristics of a shadow?
- (e) Write the activity to show that roots absorb water for the plant.

SECTION – E

5. Draw the well-labelled diagram of the following.

- (a)
- (b)