



ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER

HALF YEARLY EXAM SESSION 2025 – 26

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 02 diagrams, carrying 5 marks each.

SECTION – A

1. Choose the correct option.

- (a) We can change milk into curd by adding a small quantity of curd into warm milk, this change is a/an change.
 - (i) Reversible
 - (ii) Irreversible
 - (iii) Periodic
 - (iv) Non- periodic
- (b) Which one of the following nutrients gives us energy?
 - (i) Proteins
 - (ii) Carbohydrates
 - (iii) Minerals
 - (iv) Vitamins
- (c) Which bacteria fix nitrogen in the soil.
 - (i) Nitrosomonas
 - (ii) Azotobacter
 - (iii) Rhizobium
 - (iv) Mycoplasma
- (d) Which of the following substances is opaque?
 - (i) Glass
 - (ii) Wood
 - (iii) Oily paper
 - (iv) Water
- (e) What type of plant is a rose plant?
 - (i) Climber
 - (ii) Herb
 - (iii) Shrub
 - (iv) Tree
- (f) The loss of water through the stomata is called:
 - (i) transpiration
 - (ii) transplantation
 - (iii) transition
 - (iv) transportation
- (g) Which one of the following is an artificial source of light?
 - (i) Sun
 - (ii) Firefly
 - (iii) Jellyfish
 - (iv) Matchstick
- (h) The image of the object formed by a pinhole camera is :
 - (i) magnified
 - (ii) small
 - (iii) highly magnified
 - (iv) same size of object
- (i) Riya finds that the iron gate of her home had rusted. This is a/an :
 - (i) temporary change
 - (ii) irreversible change
 - (iii) artificial change
 - (iv) reversible change
- (j) Where is the image of the object formed in the pinhole camera?
 - (i) On the inner surface of inner box.
 - (ii) At the pinhole.
 - (iii) At the translucent screen in the box.
 - (iv) On the upper surface of box.

SECTION – B

2. One word answer.

- (a) Name a plant that have a reticulate venation.
- (b) Name a simple form of carbohydrates.
- (c) Name a male reproductive part of a flower.
- (d) Name a term used for an object that gives out its own light.
- (e) What type of plants are tomato and mustard?
- (f) Name the type of change in which new substances are formed.
- (g) Which disease is caused due to lack of vitamin D?
- (h) Name the flat, green portion of the leaf.
- (i) Name the material that do not allow any light to pass through them.
- (j) Name the flower which have both stamen and pistil.

SECTION - C

3. Short answer question. (Do any 10)

- (a) What do you mean by unisexual flowers? Give two examples.
- (b) Give two examples of irreversible changes that occur due to heat.
- (c) Why do we find more climbers in a thick forest?
- (d) Why is the gap left between the rails in the railway tracks?
- (e) Why should we avoid eating fat-rich foods?
- (f) Write three functions of a flower.
- (g) What change do you observe in keeping milk in a refrigerator?
- (h) What are the advantages of transpiration in plants?
- (i) Is the burning of a candle, a chemical or a physical change? Explain with a reason.
- (j) What is the difference between making food by leaves and making food in the kitchen?
- (k) How are we able to see through glass?
- (l) What happens when an aluminum rod is heated?

SECTION – D

4. Long question answers. (Do any 4)

- (a) How are physical changes different from chemical changes?
- (b) What are deficiency diseases? Name any two diseases and write their causes.
- (c) Differentiate between an image and shadow.
- (d) With the help of an activity show that roots absorb water for the plants.
- (e) What is the effect of heating or cooling on water that brings changes in its state?

SECTION – E

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

- (a) Diagram
- (b) Diagram