



ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER

FINAL EXAMS SESSION 2025 – 26

CLASS – VIII

SUBJECT – SCIENCE

TIME : 3 HRS.

M.M:80

General Instructions:–

- (a) All questions are compulsory.
- (b) Section – A contains ten multiple choice questions of 1 mark each.
- (c) Section – B contains ten one word answer questions of 1 mark each.
- (d) Section – C contains ten short answer questions of 3 marks each.
- (e) Section – D contains five long answer questions of 5 marks each. Attempt any four
- (f) Section – E contains two diagrams of 5 marks each.

SECTION – A

1. Choose the correct option:

(a) Which one of the following solutions will not conduct electricity?

- (i) lemon juice
- (ii) vinegar
- (iii) tap water
- (iv) vegetable oil

(b) The outermost layer of earth is called

- (i) mantle
- (ii) outer core
- (iii) crust
- (iv) inner core

(c) Deficiency of iodine in our diet leads to a condition called_____.

- (i) Diabetes insipidus
- (ii) Goitre
- (iii) Gigantism
- (iv) Infertility

(d) Consider the list of terms given below:

- (i) Seismic Zone.
- (ii) Fault Zone.
- (iii) Mantle
- (iv) Inner Core

(e) The boundaries of the earth's plate are known as

- (a) Plate boundaries
- (b) Valcanoes
- (c) Tectonic plates
- (d) None of these

(f) When the ciliary muscles contract, the eye lens become thick and its focal length.

- (a) Increases
- (b) Decreases
- (c) First increase then decrease
- (d) none of these

(g) If two forces act in the opposite directions on an object, the net force acting on it is the:

- (i) sum of two forces
- (ii) multiplication two forces
- (iii) differences of two forces
- (iv) division of two forces

(h) SI unit of force is_____.

- (i) newton (ii) pascal (iii) coulomb (iv) kilogram

(i) Larynx is called_____.

- (i) Voice box (ii) Music box (iii) Respiratory organ (iv) None of these

(j) Part of the eye which controls the light entering is called _____.

- (i) iris (ii) cornea (iii) lens (iv) retina

(k) If you hold a pen in your right hand and stand in front of the mirror, the pen will be in the left hand in the image. This phenomenon is called_____.

- (i) Literal inversion (ii) Dispersion (iii) Reflection (iv) Inversion

SECTION – B

2. Give the answer of the following statement in one word.

- (a) Name the type of lens in the human eye.
- (b) Name the outermost covering of the eye.
- (c) What is force?
- (d) What kind of reflection takes place from the surfaces of shining objects?
- (e) Name the instrument for measuring the intensity of earthquake.
- (f) Name the scientist who discovered charges.
- (g) Name the point of the eye where the image is formed?
- (h) How many chromosomes do human beings have?
- (i) What is a charged object?
- (j) Name the device that is used for the identification of the nature of charge.

SECTION – C

3. Short answer questions:

- (a) Write two common applications of chemical effect of electric current.
- (b) Define Puberty.
- (c) What is a force ? What are the effects of force?
- (d) List three characteristics of the image formed by a plain mirror.
- (e) Why is it not safe for an electrician to carry out electrical repairs outdoors during heavy downpour?
- (f) What is mensuration? When does mensuration occur?

- (g) The elephant weighs 10,000 N and stands on one foot of area 100 cm². How much pressure would it exert on the ground?
- (h) What physical exercises are important to do during adolescence?
- (i) What is an electroscope? Explain its uses.
- (j) State the laws of reflection.

SECTION – D

4. Long answer questions: (Attempt any four)

- (a) How does lightning take place when two charged clouds come close to each other?
- (b) What is myopia? How is it caused and how is it corrected?
- (c) What is electroplating? Explain the process of electroplating.
- (d) Explain why:
- (i) Snow shoes stop you from sinking.
 - (ii) Foundation of high-rise buildings are kept wide.
- (e) What are hormones? Give examples.

SECTION – E

5. Draw a well labelled diagram of.

- (a)
- (b)