



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 cm^2 . 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)