



# ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER  
FINAL EXAMINATION SESSION 2019 – 20  
CLASS – VII  
SUBJECT: SCIENCE

TIME: 3 HRS  
Name \_\_\_\_\_

M.M:80  
Roll no. \_\_\_\_\_

## General Instruction

- (a) All the questions are compulsory.
- (b) Section A comprises multiple choice questions of one mark each.
- (c) Section B comprises one word answer questions of one mark each.
- (d) Section C comprises short answer questions of three marks each.
- (e) Section D comprises long answer questions of five marks each.
- (f) Section E comprises a diagram of five marks each.

## SECTION – A

### 1. Multiple choice questions.

(a) Bases turn the yellow turmeric paper \_\_\_\_\_.

- (i) green                      (ii) red                      (iii) black                      (iv) orange

(b) During which of the following changes is a new substance formed?

- (i) melting                      (ii) sublimation                      (iii) evaporation                      (iv) rusting

(c) Alcohol is formed in \_\_\_\_\_ respiration.

- (i) aerobic                      (ii) anaerobic                      (iii) cellular                      (iv) none of these

(d) The maximum water is retained by \_\_\_\_\_.

- (i) sandy soil                      (ii) clayey soil                      (iii) silt                      (iv) loamy soil

(e) Which of the following is not a seedless plant?

- (i) banana                      (ii) sugarcane                      (iii) begonia                      (iv) pineapple

(f) Vegetative propagation in a potato takes place through \_\_\_\_\_.

- (i) roots                      (ii) stem tuber                      (iii) rhizome                      (iv) stem bulb

(g) The speed of a moving car is 20 m/s. Calculate its speed in km/h.

- (i) 18                      (ii) 36                      (iii) 54                      (iv) 72

(h) The device used to prevent the flow of excess current is \_\_\_\_\_.

- (i) switch                      (ii) fuse                      (iii) bulb                      (iv) coil

(i) When a person moves closer to a plane mirror, the size of his image will \_\_\_\_\_.

- (i) increase                      (ii) decrease                      (iii) remain the same                      (iv) first increase then decrease

(j) If more rainfall and more rainwater seeps into the ground the water table \_\_\_\_\_.

- (i) falls                      (ii) rises                      (iii) remains the same                      (iv) all of these

## **SECTION – B**

### **2. Give word answers.**

- (a) Name the transport system in plants.
- (b) Which acid is produced in our stomach?
- (c) Name two types of pollination.
- (d) What is the size of the human heart?
- (e) Name the device used by the doctors to hear the heartbeat
- (f) Name any two devices in which electromagnets are used?
- (g) Name an animal which breathes through skin.
- (h) Name the component of blood which helps to fight against diseases.
- (i) What are the two types of spherical mirrors?
- (j) Give two examples of renewable natural resources.

## **SECTION – C**

### **3. Short answer questions.**

- (a) What happens to the ribs and diaphragm during inhalation and exhalation?
- (b) Does the change in chemical properties take place during a chemical change?
- (c) Why is an antacid tablet taken when you suffer from acidity?
- (d) Why is artificial vegetative reproduction method so commonly used nowadays?
- (e) What is the function of septum in the heart? Which part of the heart pumps blood to the lungs?

- (f) What is meant by respiration? What is the respiration which can occur without oxygen called?
- (g) Why does breathing become faster during exercise?
- (h) Define the term spectrum. Which kind of lens can form an inverted image smaller than the object?
- (i) What is meant by resistance of wire? Name one high resistance material.
- (j) What is meant by water table? What happens to the water table during drought?

#### **SECTION – D**

#### **4. Long answer questions. (do any four)**

- (a) How does the exchange of gases take place in lungs?
- (b) What is overloading? Why is a fuse wire necessary in a circuit? How does it work?
- (c) Differentiate between acids and bases. Name any two acids and bases.
- (d) Describe, how are the crystals of copper sulphate prepared?
- (e) Describe an experiment to show that soil contains water.

#### **SECTION – E**

#### **E. Diagrams.**