



ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER
FINAL EXAMS SESSION 2019 – 20
CLASS – VIII 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 answers 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 diagrams of five marks each.**

SECTION – A

(10x1=10)

1. Metals react with water to form_____.

(a) hydrogen

(b) nitrogen

(c) carbondioxide

(d) oxygen

2. Which of the following is not a stain?

(a) safranin

(b) kerosene

(c) eosin

(d) methylene blue

10. The gas which absorbs harmful radiations of the sun is_____.

(a) nitrogen

(b) oxygen

(c) ozone

(d) CO₂

SECTION – B

(10x1=10)

11. What is the other name of the Great Bear constellation?

12. State any two conditions favourable for life on earth.

13. Define the seismic waves.

14. Why are the bathroom fittings electroplated with nickel and chromium?

15. State the relationship between loudness and amplitude.

16. State the constituents of a solder.

17. What happens in night blindness?

18. Which electroscope is used to detect the nature of charge?

19. State the relationship between light year and kilometer.

20. Which lead of the LED is connected with the positive terminal?

SECTION – C

(10x3=30)

21. State any three characteristic features of Ursa Minor constellation.
22. List any three physical properties of metals.
23. Define the term electroplating. State any two uses of electroplating.
24. Explain the structure of plastids.
25. Differentiate between external and internal fertilization. Give an example of each.
26. State any three harmful effects of drugs.
27. Briefly explain the types of friction.
28. What are the various ways by which we can take care of our eyes?
29. List any three chemical properties of non-metals.
30. Define the term metamorphosis. Draw a diagram to show the life cycle of a frog.

SECTION – D

(4x5=20)

31. State the functions of the following.
(a) choroid (b) retina (c) iris (d) optic nerve
32. State the uses of an artificial satellite.

OR

How will you show that sound needs a medium to propagate.

33. Differentiate between a star and a planet.
34. Draw a ray diagram to show the refraction of light.

SECTION – E

(2x5=10)

Diagrams.