

O. P. JINDAL SCHOOL, SAVITRI NAGAR
Half-Yearly Examination (2018 – 2019)

Class – VI
Subject – Science

MM : 80
Time : 3 Hrs

Name - _____ class/Sec _____ Roll No. _____

(Fifteen Minutes Extra will be given for reading the Question Paper)

All Questions are compulsory.

There are four sections – A, B, C, D

Question no. 1, 2 are MCQ type, each question is of 1 mark and choose the correct option

Question no. 3 to 11 carry 2 marks each and to be answered in 10-20 words.

Question no. 12 to 21 carry 3 marks each and to be answered in 30-40 words.

Question no. 22 to 27 carry 5 marks each and to be answered in 80-100 words.

Section - A

1. Which of these is a compound ?
 (a) Oxygen (b) Hydrogen (c) Water (d) Carbon
2. Which of these are two parts of a measurement.
 (a) Number and unit (b) Pace and Time (c) Length and unit (d) Mass and Second

Section – B

3. Differentiate between pure and impure substances with one example each.
4. Name the types of carbohydrates. Which one is more complex?
5. What is tissue ? What is formed when same kind of tissues combine ?
6. Draw food chain.
7. Why did people feel the need to measure length?
8. Why does a bulb not glow, if there is a breakage in wires?
9. What are conductors? Name two.
10. Why are the bubbles formed when water is boiled ?
11. Why do we breathe through nose rather than mouth?

Section - C

12. Lack of which nutrients cause the following diseases.

- | | | |
|--------------|-----------------|-------------------|
| (i) Scurvy | (ii) Anaemia | (iii) Beriberi |
| (iv) Rickets | (v) Poor Vision | (vi) Excess bleed |

13. Write the job of the following in our body-

- | | | |
|-----------|---------------|---------------|
| (i) Water | (ii) Vitamins | (iii) Glucose |
|-----------|---------------|---------------|

14. What is classification ? Why do we need it ? (Give two reasons).

15. Classify the following materials in two ways

(i) Paper

(ii) Copper

(iii) Plastic.

16. What is stimulus? Give an activity to show plants respond to stimuli.

17. Write three differences between adaptation and response with suitable examples.

18. Give an activity to show, how we measure a curved line with the help of a divider.

19. Explain the following:

(i) Motion is relative

(ii) Rotational motion

(iii) Two motions at the same time

20. Give an activity to show whether or not a material conducts electricity.

21. Draw oxygen-carbon dioxide balance in air.

Section - D

22. Write four differences between metals and non-metals. Give two examples of each.

OR

What is charge? Draw and explain the charge carried in an atom of carbon.

23. Define the following-

(i) Respond

(ii) Heterotrophs

(iii) Life Span

(iv) Stomata

(v) Reproduction

24. What is adaptation? Explain one adaptation of each-

(i) Penguin

(ii) Camel

(iii) Fish

(iv) Conifers

OR

(i) Write two differences between xerophytes and hydrophytes.

(ii) Write three differences between herbivores & carnivores.

25. What is periodic motion ? Draw and explain any two periodic motion.

26. What is a switch ? How would you make a simple switch and show how it works ?

27. (i) Give two reasons, "Composition of air is not strictly fixed".

(ii) Write three uses of air.

OR

(i) How are soot and smoke formed in the air ?

(ii) Write an activity to show oxygen-nitrogen proportion in air.

XXXXXXXXXX