

**O. P. JINDAL SCHOOL , SAVITRI NAGAR**  
**Half-Yearly Examination (2019 - 20)**

Class/Section – IV

Subject – Science

Name - \_\_\_\_\_

MM : 80

Time : 2 Hrs

Roll No. \_\_\_\_\_

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

**General Instructions : All questions are compulsory.****There are four sections A,B,C,D.**

Q 1, 2 and 3 having each question is of 1 mark.

Q 4 to 13 carry 2 marks each and to be answered in 20-30 words.

Q 14 to 23 carry 3 marks each and to be answered in 30-40 words.

Q 24 to 26 carry 5 marks each and to be answered in 80-100 words.

## SECTION - A

**Q1. Choose the correct option :**

(i) Birds breathe through their \_\_\_\_\_ on or above their beak.

- (a) Nostrils                      (b) Eyes                      (c) Wings                      (d) Feathers

(ii) The number of teeth, an adult has is \_\_\_\_\_.

- (a) 28                      (b) 32                      (c) 30                      (d) 36

(iii) Iron helps the body make \_\_\_\_\_.

- (a) Blood                      (b) Bones                      (c) Oxygen                      (d) Calcium

(iv) Holes on the teeth are called \_\_\_\_\_.

- (a) Canines                      (b) Bacteria                      (c) Gums                      (d) Cavities

(v) \_\_\_\_\_ are made to make the house strong.

- (a) Pillars                      (b) Foundation                      (c) Plastering                      (d) Mosaic

**Q2. Match the columns.**

- |                                      |                    |
|--------------------------------------|--------------------|
| (i) Pipes for waste water            | Phases of the Moon |
| (ii) Changing shapes of the Moon     | Sewage lines       |
| (iii) Rocks with long, glowing tails | Sunlight           |
| (iv) Glass and air                   | Comets             |
| (v) Seven colours                    | Transparent        |

**Q3. Write TRUE/ FALSE.**

- (i) Solids have no fixed shape and volume.
- (ii) Mammals feed on their mother's milk.
- (iii) The food we eat does not have water.
- (iv) Water evaporates without being heated.
- (v) Germs hide under long nails.

**Answer The Following.**

**SECTION – B**

Q4. What do plants use to make food ?

Q5. What do carbohydrates do for us ?

Q6. Name it – (i) Brightest Planet (ii) Red Planet

Q7. What is a shadow ?

Q8. What happens when food combines with oxygen ?

Q9. Name any four organs that make up the digestive system.

Q10. Why do big cities have multi-storey buildings ?

Q11. What is posture ? What makes a good posture ?

Q12. How are vapours different from gases ?

Q13. How are vapours different from gases ?.

**SECTION - C**

Q14. Draw and label how fish breathe through gills.

Q15. Draw and label all the types of teeth present in our mouth.

Q16. Show, light travels in straight lines.

Q17. Write the job of vitamins, fats and proteins in our body.

Q18. (i) Why is it easy to transfer liquids from one thing to another ?  
(ii) Why can we smell an incense stick burning in the next room ?

Q19. Write three things that make you happy.

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How does light travel ? Draw and label how light is reflected by a mirror.

OR

Q26. What is an eclipse ? Draw and label solar eclipse.

(ii) Why does the same side of the moon always face us ?

(i) Write any three jobs of man-made satellites

OR

(iv) Write one difference between first four planets and last four planets.

(i) Craters (ii) Planets (iii) Telescope

Q25. Define the following.

(ii) Draw two healthy food and two junk food.

(i) Why do we cook food (write three reasons) ?

OR

Q24. Write any five healthy habits.

**SECTION - D**

(i) Thatched hut, (ii) House on stilts, (iii) Slanting-roof house

Q23. Draw the following diagrams-

Q22. Draw all the phases of the moon and show the new moon.

(i) Eyes (ii) Teeth (iii) Ears.

Q21. How can we take care of our (write one way each) -

Q20. Why do people make different types of houses ( give three reasons ) ?