

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

Class – IV
 Subject – Science

Name - _____ class/Sec _____

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

Question no. 1, 2 and 3, each question is of 1 mark.

Question no. 4 to 13 carry 2 marks each and to be answered in 20-30 words.

Question no. 14 to 23 carry 3 marks each and to be answered in 30-40 words.

Question no. 24 to 26 carry 5 marks each and to be answered in 80-100 words.

Section - A

Q1. Choose the correct option :

- (i) Coffee plants store its waste in its _____.
- (a) Seeds (b) Trunk (c) Leaves (d) Pores
- (ii) _____ acts like a filter in the nose.
- (a) Mucus (b) Intestine (c) Saliva (d) Windpipe
- (iii) A mineral that helps in making blood in the body, _____.
- (a) Iron (b) Iodine (c) Calcium (d) Fats
- (iv) Germs called _____ make holes in our teeth.
- (a) Acids (b) Bacteria (c) Gums (d) Cavities
- (v) _____ make the house strong.
- (a) Pillars (b) Frames (c) Plastering (d) Cement

Q2. Match the columns.

- | | |
|------------------------------|-----------|
| (i) Designs the house | mirror |
| (ii) Planets revolve on | opaque |
| (iii) Rocks with a long tail | architect |
| (iv) Glass and air | comets |
| (v) Reflects light | orbit |

Q3. Write TRUE/ FALSE.

- (i) Watervapour is different from gas like oxygen, hydrogen.
- (ii) Mammals feed on their mother's milk.
- (iii) Iodine is found in seafood.
- (iv) When a liquid cools, it forms gaseous.
- (v) Exercise makes the bones and muscles weak.

Section – B

Q4. How can you show, the stem of a plant always grow towards light.

Q5. Why do we cook food (write any two reasons) ?

Q6. Why do we see the same side of the moon ?

Q7. How do we see things which have no light?

Q8. Write one function of these organs -

- (i) Liver
- (ii) Stomach.

Q9. Draw and label the 'Respiratory System' of human being.

Q10. Why do big cities have multi-storey buildings (give two reasons ?

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

Q12. Why are we able to smell an incense stick (agarbati) in the next room ?

Q13. Why is gas stored in thick-walled cylinders as a liquid ?

Section - C

Q14. Draw and label 'how fish breathe through gills'

Q15. Write the job of the following teeth.

- (i) Canines
- (ii) Pre molars
- (iii) Incisors

Q16. Give an activity to show 'light is being reflected by a mirror'.

Q17. Write any three healthy habits.

Q18. What is evaporation and condensation ? Give one example of each.

Q19. Give an activity to show acids eat away calcium.

Q20. What is called ?

- (i) Cross-ventilation (ii) Slum (iii) Foundation

Q21. How can we take care of our –

- (i) Eyes (ii) Ears (iii) Hands and feet.

Q22. Write any three jobs of man-made satellites.

Q23. Draw the following diagrams-

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

Section - D

Q24. What are called nutrients ? Write the use of each of the following in our body.

- (i) Vitamins (ii) Calcium (iii) Proteins (iv) Water

Q25. What are planets ? Name the following.

- (i) Group of stars
(ii) Planet that has most number of rings.
(iii) Instrument, helps to see far away things
(iv) Planet that has most number of satellites.

Q26. What is an eclipse ? Draw and label the two types of eclipse.

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