

O. P. JINDAL SCHOOL, SAVITRI NAGAR
Half Yearly Examination (2019 – 2020)

Class / Section: V

Subject: Science

Name _____

MM: 80

Time: 2 Hrs.

Roll No.: _____

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

General Instruction: 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, each question is of 2 marks and to be answered in 20-30 words.
- Question no. 13 to 23, each question is of 3 marks and to be answered in 30-40 words.
- Question no. 24, 25 and 26, each question is of 5 marks and to be answered in 80- 100 words.

SECTION-A

Q1. Choose the correct answer:

(1X5)

(i). Instrument used by doctors to listen to the heartbeat

- (a) Microscope (b) Stethoscope (c) Telescope (d) Hand lens

(ii). The bones that make up the spine are

- (a) Tendons (b) Cartilage (c) Ligament (d) Vertebrae

(iii). Which of these spreads through contaminated water

- (a) Flu (b) Dengue (c) Dysentery (d) Beriberi

(iv). Which of these improve fertility of soil

- (a) Pesticides (b) Vaccines (c) Compost (d) Weedicides

(v). The liquid in a car battery is

- (a) Acid (b) Base (c) Salt (d) Indicator

(1)

P.T.O.

Q2. Write true / False :

(1X5)

- (i). Corrosion is a chemical reaction.
- (ii). A change in the state of matter is a chemical change.
- (iii). Children do not grow properly when their diet lacks proteins.
- (iv). Blood cells are flattish and packed tightly.
- (v). Rickets is caused due to deficiency of iodine.

Q3. Match the following:

(1x5)

- | | |
|---|-----------------|
| (i). The liver sends its juice to | Tendons |
| (ii). Urine is carried away from the kidney | Small intestine |
| (iii). Muscles are jointed to bones by | Ureters |
| (iv). The part of eye on which images form | Weathering |
| (v). The breaking down of rocks is called | Retina |

SECTION-B

Answer the following question:

- Q4.** How does oxygen reach different parts of the body? (2)
- Q5.** Name two types of blood vessels and write their function. (2)
- Q6.** Explain hinge joint and give one example where it is found. (2)
- Q7.** What are the types of nerves found in our body? Write their function. (2)
- Q8.** What are involuntary actions? Which part of the brain controls these? (2)
- Q9.** What is a vaccine? Give two examples. (2)
- Q10.** What do you mean by recycling? Name two things that can be recycled. (2)
- Q11.** Define elements. Give two examples. (2)
- Q12.** Draw a well labeled diagram of respiratory system. (2)
- Q13.** What can we use instead of fuels to get the energy we need? Name two. (2)

(2)

P.T.O.

SECTION-C

- Q14. Draw a well labeled diagram of excretory system. (3)
- Q15. Why do muscles work in pairs? (3)
- Q16. Mention three ways to protect ourselves from diseases. (3)
- Q17. How are forests and grasslands helpful? (Write three ways) (3)
- Q18. How do mosquitoes spread diseases? (3)
- Q19. Why does matter not fall apart even though it is made of tiny particles. (3)
- Q20. How does soil form from rocks? (3)
- Q21. Write one difference between physical and chemical change with one example of each. (3)
- Q22. What are antacids? Why do people take antacids? (3)
- Q23. How are petroleum and natural gas formed? (3)

SECTION-D

- Q24. What are indicators? Write an activity to show its use. (5)

OR

- (i). How is salt formed ? Give two examples.
- (ii). Why do yellow patches of turmeric indicator turn reddish brown when we washed with detergent?

- Q25 (i). Why should we be careful about the ways we can use our fuel resources? (5)

(ii). Write three ways by which water gets pollute.

OR

- (i). What do you mean by wild life? What steps have many countries taken to save wild life?(Write any two)
- (ii). Explain step farming.

- Q26 (i). Draw a well labeled diagram of eye. (5)

(ii). What are reflex actions? What controls them?

OR

How do we hear ? Explain with the help of a diagram.