

LNP With paper layout one page could have been avoided. pls. be cautious.

No. of printed pages/questions 3/27

O. P. JINDAL SCHOOL, SAVITRINAGAR

29/9

Half Yearly Examination(2018 – 2019)

Class : VII

MM : 80

Subject : Science

Time:3 Hrs

Name: _____

Class/Section: _____

Roll No: _____

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

General Instructions: All questions are compulsory.

- Font ?
- There are four sections- A,B,C,D
 - Question no.1 and 2 are MCQ type, carry one mark each. 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. What is the symbol of sodium?

- (a) S (b) Na (c) Sn (d) Si

2. What is the boiling point of water?

- (a) 100⁰ F (b) 130⁰ F (c) 200⁰ F (d) 212⁰ F

Section: B

3. Write two rules that we follow when we write unit.
4. Why bread starts tasting sweet when we chew it for a while ?
5. Why roof gets blown off during a storm ?
6. What is residual soil ? How is it formed?
7. Why we use plastic for making the handle of utensils?
8. What is sheep shearing ? How many times is a sheep generally shorn in India.

(1)

P.T.O.

↓

?

9. Find the valency of these elements. :

(i) C

(ii) Li

10. What is food web ? Give one example.

11. What are the problems with having open rainwater drains? Mention any two.

Section:C

12. What is a balanced equation ? Give one example.

13. What are wetlands? How it works?

14. Write three properties of good quality wool.

15. Mention the difference between transfer of heat by conduction ,by convection and that by radiation.

16. A car takes 30 minutes to cover a distance of 25 km. Calculate its speed in km/hr and m/s.

17. What are symbionts ? Explain with an example.

18. Convert Celsius to Fahrenheit.

(i) 20°C

(ii) 50°C

19. What is crossbreeding ? Why is the crossbreeding of sheep necessary in India ? Name two exotic breeds with which crossbreeding is done in our country.

20. What are compound radicals ? Write any two compounds containing compound radicals.

21. What do you mean by sericulture ? Write one difference between raw silk and spun silk.

Section:D

22. How does a cyclone develop? Describe its three impact briefly. .

OR

How does a thunderstorm develop ? Write three safety measures one can take to protect oneself from thunderstorm.

(2)

P.T.O.

23. What do you mean by deforestation? Mention any four impacts of deforestation on our environment.

24. What do you understand by treating waste? What happens during the primary and secondary stage of sewage treatment.

OR

Mention one way of overcoming the problem of the lack of sewage system in villages.

Draw a well labeled diagram a biogas plant.

25. What is special about a ruminant's stomach ? How does it help the animal digest vegetable matter ?

OR

Write an activity to show that sunlight is necessary for photosynthesis.

26. What is worm cast ? Draw a well labeled diagram of different horizons of soil.

27. When is a moving body said to be in uniform motion ? Plot a distance time graph for a body travelling at a speed of 3 m/s.

(3)

9
B