

Roll No.

CODE : S7SC2

KENDRIYA VIDYALAYA SANGATHAN, PATNA REGION

SESSION ENDING EXAMINATION, 2017-18

CLASS - VII

2610

SCIENCE

Sl. No.

TIME - 2 : 30 HOURS]

[MAX. MARKS - 80

General Instructions :

- (i) All questions are compulsory.
- (ii) Question paper comprises of 32 questions.
- (iii) Question numbers 1 to 4 are very short answer type questions. Each carries 1 mark.
- (iv) Question numbers 5 to 18 are very short answer type questions. Each carries 2 marks.
- (v) Question numbers 19 to 29 are very short answer type questions. Each carries 3 marks.
- (vi) Question numbers 30 to 32 are long answer type questions. Each carries 5 marks.

1. Name any two effects of electric current.
2. What kind of image is formed by convex mirror ?
3. Give an example of food chain formed in a forest.
4. What is the function of bar screens in a waste water treatment plant ?
5. Name four animals that yield wool.
6. Define the following terms :

(a) Rearing

(b) Sericulture

[Turn Over

7. Name the kind of weather the following places have :
 - (a) Jammu and Kashmir
 - (b) Kerla
8. Write any four adaptations in Polar bear.
9. What is the range of Laboratory thermometer ? Give its use
10. Sketch the cross section of soil and label the various layers.
11. List the difference between clayey soil and sandy soil.
12. In places of hot climate it is advised that the outer walls of houses be painted white. Explain
13. Name the respiratory organ of following animals :
 - (a) Earthworm
 - (b) Cockroach
 - (c) Frog
 - (d) Fish
14. How are food and water transported in plants ?
15. Describe various ways by which seeds are dispersed.
16. Sketch the Reproductive part of a flower.
17. What is Uniform motion ?
18. The distance between two stations is 240 km a train takes 4 hours to cover this distance calculate the speed of the train.
19. Explain the difference between Self-pollination and Cross-pollination.
20. Two vehicles A and B are moving in a straight line. Vehicle A is moving faster than B. Show their motion on distance-time graph.
21. An electrician is carrying out some repairs in your house. He wants to replace a fuse by a piece of wire. Would you agree ? Give reasons for your response.

22. Fill in the blanks :
- (a) Longer line in the symbol for a cell represents it's terminal.
 - (b) The combination of two or more cell is called a
 - (c) The safety device based on the heating effect of electric current is called
23. State two differences between Convex and Concave lens.
24. Draw the image of a burning candle in a plane mirror. Write the characteristics of image formed by a plane mirror.
25. You have been asked to maintain a garden. How will you minimize the use of water ?
26. Explain how forests prevent flood.
27. Explain why there is no waste in a forest ?
28. What is sludge explain how it is treated ?
29. Outline your role as an active citizen in relation to sanitation.
30. Match the items in column I with those in column II.
- | Column I | Column II |
|-----------------|-------------------|
| (a) Yeast | (i) Earthworm |
| (b) Diaphragm | (ii) Gills |
| (c) Skin | (iii) Alcohol |
| (d) Leaves | (iv) Chest cavity |
| (e) Fish | (v) Stomata |
31. Draw the Human Excretory System and label the parts.
32. Explain the factors responsible for depletion of water table.

