



INDIAN SCHOOL SOHAR
TERM-1 EXAMINATION 2018-19
SUBJECT-SCIENCE

CLASS-VIII

DATE-18.09.18

MAXIMUM MARK-80

TIME-3HRS

General Instructions:

- a) The question paper has two sections. You are to attempt both the sections.
- b) All questions are compulsory.
- c) All questions of Section-A and B are to be attempted separately.
- d) There is an internal choice in 3 questions of three marks each and 2 question of five marks each in Section A and 1 question in Section B.
- e) Question numbers 1 and 2 in Section- A are one mark question. They are to be answered in one word or in one sentence.
- f) Question numbers 3 to 5 in Section- A are two marks questions. These are to be answered in 30 words each.
- g) Question numbers 6 to 15 in Section-A are three marks questions. These are to be answered in about 50 words each.
- h) Question numbers 16 to 21 in Section- A are 5 marks questions. These are to be answered in 70 words each.
- i) Question numbers 22 to 27 in Section- B are based on practical skills. Each question is a two-marks question. These are to be answered in brief.

SECTION-A

- | | |
|---|---|
| 1. Mention the two molecular arrangements commonly found in plastics. | 1 |
| 2. Define ecosystem. | 1 |
| 3. Plastics are poor conductors. Give two applications based on the mentioned property. | 2 |
| 4. Differentiate between rapid and spontaneous combustion. Two point each. | 2 |
| 5. What was the objective of PROJECT TIGER? Why was it necessary? | 2 |
| 6. State three advantages of using manure by farmers. | 3 |

OR

What is drip irrigation? Write two advantages of modern irrigation methods.

- | | |
|---|---|
| 7. Microorganisms can be beneficial for us. Give three reasons in support of the statement. | 3 |
| 8. Give two uses of the following-(i) Polyester (ii) PET (iii) Acrylic | 3 |

OR

Give one reason for the following-

- | | |
|--|---|
| (a) Nylon is used to make parachutes. | |
| (b) Bakelite is used to make electrical fittings. | |
| (c) We are advised to carry cotton or jute bags for shopping. | |
| 9. What is displacement reaction? Give appropriate example for your answer. | 3 |
| 10. Coal is industrially processed to obtain useful products. Name the products and state one use of each. | 3 |

OR

Write three tips advised by the PCRA of India for fuel conservation.

- | | |
|--|---|
| 11. What is fuel? All substances cannot be used as fuel, give two reasons. | 3 |
| 12. Differentiate between- | 3 |
| (a) Flora and Fauna | |
| (b) Endemic and Extinct species. | |
| (c) Global warming and droughts | |

13. Amoeba and WBC are both cells .Point out one similarity and two differences in both. 3
14. What is the significance of reproduction? Show the various stages of the life cycle of frog. 3
15. Hydra are aquatic animals. How do these animals reproduce? 3
16. Fill in the gaps- 5

Diseases	Causes	Mode of Transmission	General preventive measure
Malaria		Mosquito	
Cholera		Water/food	
Chicken pox		Air/contact	
Hepatitis		Water	
Tuberculosis		Air	

17. Malleability and ductility are physical properties of matter. Define the terms. With the help of examples show the reaction of metals with (i) Oxygen (ii) Water and (iii) Acids 5
18. Write the uses of the following-(a) Diesel (b) Kerosene(c) Paraffin wax (d) Bitumen (e) LPG 5

OR

What is conservation? How does the government contribute towards conservation? How can you help in the conservation of forests in India?

19. Tabulate the region and characteristics of a candle flame and support your answer with a neat diagram. 5
20. In a sequential order write the formation of the baby and define the terms- 5
(a) Fertilization (b) Zygote (c) Foetus.
21. With the help of a neat diagram explain the method by which amoeba reproduces. 5

OR

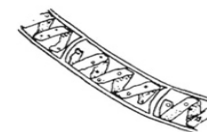
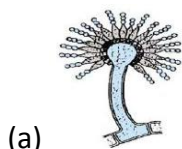
Give one importance of the following in agriculture-(a) Tilling (b) Seed drill (c) Rhizobium (d) Irrigation (e) Silos

SECTION-B

22. Identify the image and mention the group to which it belongs- 2



OR



23. What does 4R stand for? 2
24. Separate the following into good conductor and bad conductors-copper, coal, sulphur, aluminium. 2
25. Paper cups filled with water does not catch fire easily why? 2
26. A candle flame produces black deposit on a surface. What is this black deposit called and why is it formed? 2
27. Give the name of the image given below and label any three parts in the given diagram- 2

