

CBSE Sample Paper class 8 Science SA1 Set 2

SUBJECT: SCIENCE
Class – VIII

TIME: 2¹/₂Hrs.
MAX. MARKS: 60

General Instructions

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- 1) The question paper comprises of two sections A and B . You are to attempt both the sections.

All questions of section A and B are to be attempted separately.

- 2) All questions are compulsory.
- 3) Marks for each question are given in the beginning of question.

SECTION: - A

Very Short type answer type questions (one Marks each)

1. Name two methods for control weed. 1
2. Define fossil fuel. 1
3. Define calorific value of a fuel. 1
4. Name a metal which can be cut by knife. 1
5. What is fauna? 1

Short answer type questions(02 Marks each)

6. Define Endangered animal with two examples. 2
7. Define Micro- organism with two examples. 2
8. What is pseudopodia? Write down two examples. 2
9. Define internal fertilization with two examples. 2
10. Define oviparous animals with two examples. 2

Short Answer type question(3 Marks)

11. Draw labeled diagram of a typical cell. 3
12. Why storage of food grains are essential. Name two structures for storage of grain. 3
13. Define Thermoplastic and Thermosetting material with suitable examples. 3

14. How metal reacts with 3
(a) Oxygen (b) Water and (c) Acids

15. Define Inexhaustible and exhaustible natural resources with suitable examples. 3

Long answer type question (5 Marks)

16. Write any five characteristics of synthetic fibers. 5

OR

Write down five constituent of petroleum refining with their one use.

17. What is fuel? Write down four characteristics of an Ideal fuel? 5

OR

Expand the term PCRA. List four advices given by PCRA while driving.

18. Define the following:- 5

(a) Crude oil

(b) Coke

(c) CNG

(d) LPG

19. Write down five differences between plant and animal cell. 5

OR

Define the function of following:-

(a) Plasma Membrane

(b) Mitochondria

(c) Gene

(d) Vacuole

(e) Plastid

SECTION B

Each question carries one mark. Choose the most appropriate answer from following:-

20. Combine in an agriculture tool for 1
(a) Harvesting
(b) Threshing
(c) Both
21. Acid rain refers to 1
(a) Air pollution
(b) Falling of Acid
(c) Mixture of Sulphur and Nitrogen oxide in air
22. From the following the ideal fuel is 1
(a) Wood
(b) Coal
(c) CNG
23. The longest cell in Human being is 1
(a) Blood cell
(b) Nerve cell
(c) Cheek cell
24. The following is a communicable disease 1
(a) Tetnus
(b) Common cold
(c) Rabies
25. Rayon is known as 1
(a) Artificial silk
(b) Regene rated fiber

(c) Both

26. Name the suffocating and corrosive gas. 1
- (a) Carbon di oxide
 - (b) Sulphur di oxide
 - (c) Oxygen
27. An ecosystem is composed of 1
- (a) Living Component
 - (b) Non- Living component
 - (c) Both
28. Global warming refers to rise of 1
- (a) Global shape
 - (b) Temperature
 - (c) Atmospheric gases
29. The change of shape of Amoeba is due to 1
- (a) Cell
 - (b) Pseudopodia
 - (c) None of these