

CBSE Sample Paper Class 6 Science

SUBJECT: SCIENCE

CLASS : VI

MAX. MARKS : 80

DURATION : 2½ HRS

General Instructions:

- (i). All questions are compulsory.
 - (ii). This question paper contains **30** questions divided into four Sections A, B, C and D.
 - (iii). **Section A** comprises **10** Fill in the Blanks Questions and **10** Multiple Choice Questions, each of **1 mark**. **Section B** comprises of 8 questions of **2 marks** each. **Section C** comprises of 8 questions of **3 marks** each and **Section D** comprises of 4 questions of **5 marks** each.
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SECTION – A (1 mark each)

FILL IN THE BLANKS: (10 MARKS)

1. Sea animals like dolphins and whales breathe through _____.
2. One metre is equal to _____ millimetres.
3. All bodies which emit light energy by themselves are called _____ bodies.
4. The path along which the light travels in a given direction is called a _____ of light.
5. _____ device is used to break a circuit.
6. An electric cell has two terminals, one is called _____, while the other is called _____.
7. Sailors use _____ to know the direction.
8. Lack of rains may cause _____.
9. Aquatic organisms take air dissolved in the _____.
10. We produce tons of waste or _____ every day.

MULTIPLE CHOICE QUESTIONS: (10 marks)

11. Which of these adaptations is not shown by a camel for living in deserts?
 - (a) It has a hump on its back.
 - (b) It passes scanty of urine.
 - (c) It perspires a lot.
 - (d) The sole of feet have sort of pads.
12. The stem of a cactus plant is fleshy and swollen to
 - (a) perform photosynthesis
 - (b) retain water
 - (c) release water
 - (d) none of these
13. A kite flying in the sky has motion of the type
 - (a) Linear
 - (b) Random
 - (c) Curvilinear
 - (d) Periodic

4. Which of the following is a non-luminous body?
(a) Moon (b) Sun (c) Bulb (d) Burning candle
15. Which of the following does not allow the electric current to pass through it?
(a) Bakelite rod (b) Copper rod (c) Brass rod (d) Iron rod
16. Naturally occurring stone having properties of magnet is known as _____
(a) hematite (b) bauxite
(c) magnetite/lodestone (d) gemstone
17. A freely suspended magnet points in
(a) North - West direction (b) North - South direction
(c) South - North direction (d) South - West direction
18. _____ is caused by floods:
(a) Cracking (b) Erosion (c) Hardening (d) Drying up
19. Which component of air supports burning ?
(a) Oxygen (b) Nitrogen (c) Carbon dioxide (d) None of these
20. This is the process by which complex substances are broken down into simple ones by the action of microorganisms.
(a) Photosynthesis (b) Digestion (c) Decomposition (d) Evaporation

SECTION – B (2 marks each)

21. What is lateral inversion?
22. What is underground water?
23. What is a windmill? Mention its use.
24. What are the two main categories of habitats ?
25. Give two examples each of periodic and non-periodic motion.
26. How do you define magnetism ?
27. Classify the following as biodegradable and non-biodegradable:
Vegetable peel, leather belt, paper, plastic mug, polythene bag, glass bottle, a piece of apple, tea leaves, discarded switch.
28. Differentiate between: Evaporation and condensation

SECTION – C (3 marks each)

29. How will you convert an iron strip, into a magnet?
30. Why should we recycle paper?
31. Explain the structure of a stamen with help of a well labelled diagram.
32. How can you show that plants response to stimuli ?
33. Name the different types of translatory motion. Explain each in brief.

4. What are the two regions of a shadow? How are they different from one another?
35. What is a switch? Write its function.
36. List all the components of air.

SECTION – D (5 marks each)

37. How will you test whether sunlight is necessary for the preparation of food by plants or not?
38. What are clouds ? Explain the formation of clouds.
39. Plastics are necessary evils. Give three points each in favour of and against the use of plastics.
40. Match the columns.

Column I	Column II
1. Autotrophs	(i) a place with many trees and plants
2. Heterotrophs	(ii) a place where living organisms live
3. Forest	(iii) live in water
4. Habitat	(iv) all animals
5. Aquatic	(v) all green plants

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