

CBSE Class 6 Science Sample Paper SA 2

CLASS: VI
SUBJECT: SCIENCE

MAXIMUM MARKS: 60
TIME DURATIONS: 2 ½Hrs

General Instructions:

- This Question Paper has two sections – Section – A and Section – B
- All Questions are compulsory; however internal choice is given
- Question No.1 to 5 are very short answer Questions and each question carries 1 Mark
- Question No.6 to 10 are short answer Questions and each question carries 2 Marks
- Question No.11 to 15 are also short answer Questions and each question carries 3 Marks
- Question No.16 to 19 are long answer Questions and each question carries 5 Marks
- Section – B Q.No. 20 to 29 contains 10 multiple choice questions each Question carries 1 Mark.

(Section – A)

1. Name the gas used by green plants to make their own food.
2. Encircle the odd one out in waste management
Reduce, Burn, Recycle, Reuse
3. Name the device that breaks or completes the circuit.
4. Name the surroundings in which an animal and plant lives.
5. What is the total number of bones in human skeleton?
6. Name the animals that show movements in the following ways
 - a) Flies with the help of forelimbs modified into wings.
 - b) Uses muscular foot
7. Write the scientific terms for the following
 - a) The process of loss of water from plants in the form of water vapour.
 - b) Changes in the surroundings that make us respond to them
8. Give one example for the following
 - a) Rectilinear Motion
 - b) A combination of two or more motions
9. Match the following

I	II	
Agricultural waste	Metallic scrap	()
Industrial waste	Crop residue	()
Commercial waste	Paper	()
Domestic waste	Plastic Wrappers	()
10. While measuring the length of a book, the reading of the scale at one end is 3.0 cm and at the other end is 22.4cm. What is the length of the book?
11. Distinguish between an opaque and transparent object.

12. Why do some water pipes burst in winters?
13. Draw a simple closed circuit with the help of a bulb, two cells, connecting wires and a key. Also mark the direction of current.
14. Give reasons.
- Mountaineers carry oxygen cylinders with them.
 - We should always breathe through our nose and not through our mouth.
15. What can we do minimize the use of plastics and deal with garbage? Give any three reasons.
16. What is a joint? Name the part of the body where immovable joints are present? Which jaw is a movable jaw?
Draw and explain ball and socket joint also write where this type of joint is present in our body?
17. a). Draw a diagram to show the composition of air.
b). Why fine bubbles appear on heating water?
c). During an accident of fire, why one is advised to wrap a woolen blanket over a burning object ?
18. a). Write any two Properties of magnets.
b). Complete the following
- | A | B |
|----------------|------------|
| i). N _____ N | |
| ii) N _____ | Attraction |
| iii) S _____ N | |
| iv) _____ S | Repulsion |
- c). How can the properties of a magnet be lost?
Or
- What is a compass?
 - How do you find the direction of your classroom using a compass?
 - How can you magnetize a small iron pin?
19. Generally, when we go to picnic or visits, we carry lot of cooked food and other eatable items. On our return, we throw food wastes, polythene bags and wrappers of food in nearby places or water bodies such as ponds.
On the basis of the above information answer the following questions.
- What is the harm of this activity ?
 - How does it affect the water bodies and the surroundings
 - What can you do to prevent this situation?

(SECTION-B)

Multiple choice Questions

20. Animal with a backbone
- Dog
 - Earthworm
 - Cockroach
 - All of these
21. Example of aquatic animal that does not have a streamlined body
- Squid
 - Fish
 - Octopus
 - both Squid and octopus.

22. A Pendulum of the clock shows
a). Rectilinear motion b).Periodic motion c). Non-periodic motion
d).Rotational motion
23. An example of an object which is not a source of light
a).Torch light b). Firefly c).Sun d).Moon
- 24.A Freely suspended magnet will come to rest in
a).North -South direction b). North -East direction
c).East - west direction d). South -West direction
25. An universal Solvent is
a). Oil b).Alcohol c).Water d).Glycerine
26. An example of an abiotic component
a).Animals b). Plants c).Bacteria d).Air
27. This is a non-biodegradable waste
a). Paper b). Plastic c).Vegetable peel d).All of these
28. In a torch the energy conversion takes place as
a).Chemical -----> Electrical -----> Light
b).Electrical ----->Light ----->Chemical
c).Light -----> Electrical ----->Chemical
d).Chemical ----->Light ----->Electrical
29. Oxygen is used for
a). Burning b).Put off fire c).Respiration d).Both burning and respiration.

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