

Class VI

Maximum mark-60

Science

Time 2.30 hrs

General Instructions

All Questions are compulsory

- The question paper comprises of two sections A and B.
- In SECTION-A , 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 17 are also short answer Questions and each question carries 3 Marks
- Question No.18 to 20 are long answer Questions and each question carries 5 Marks
- In SECTION-B, Question No.21 to 29 is multiple choice Questions and each question carries 1 Mark

SECTION A

Answer the following question in one word or in one sentence 5x1=5

1. How will you separate husk from wheat or paddy
2. What is composting?
3. Write any two changes which are irreversible.
4. Why are metal wires used to carry electricity?
5. Name the gas that is essential for plants to produce its food?

Answer the following in two or three sentences:-

5X2=10

6. What is winnowing ? Where is it used?
7. Write the difference between cartilage and bone?
8. What is the use of electric switch in an electric circuit?
9. Write any two properties of magnet
10. Draw the different shapes of the magnet.

Answer the following in brief:-

7X3=21

11. What is a habitat? Write any two adaptations of water plants.
12. Differentiate between reversible and irreversible changes with examples.
13. How will you change a iron piece into a magnet.
14. What are the special features of red worm and what activities of yours will affect its survival?
15. Write the composition of air . How will you prove that air occupies space.
16. Name the insulators that are very helpful to carry our daily activities.
17. How will you segregate the garbage that is produced in your home and what steps you have taken for environment friendly disposal of the waste.

Answer the following in detail :-

3x5=15

18. Write the adaptations of desert plants and animals for their survival.
19. How do these animals move a) fish b) Earthworm c) Snail d) snake .
Explain any one?
20. What are the different methods we use to separate the components in a mixture? Explain with examples.

SECTION B

Multiple choice questions:

9x1=9

21. Immobile joints are found in
 - a) Lower jaw
 - b) fingers
 - c) Hands
 - d) Hip bones
22. Tea dust is separated from tea by
 - a) Sedimentation
 - b) Filtration

- c) Churning
- d) None of these

23. On heating metal rim

- a) Expands
- b) Contracts
- c) Depends how much it is heated
- d) Depends as the type of metal

24. Respiration in fish occurs by

- a) Lung
- b) gills
- c) both a & b
- d) None of these.

25. Which of the following material is a conductor

- a) aluminium
- b) Copper
- c) Iron
- d) All the above

26. Freely suspended bar magnet rest in

- a) North –south direction
- b) East –west direction
- c) Upside down
- d) None of these

26. 78 % of _____ the air is constituted by

- a) Nitrogen
- b) Oxygen
- c) Carbon dioxide
- d) Hydrogen

28. Envelope of air that surrounds the earth is known as

- a) Biosphere
- b) Atmosphere
- c) Environment

d) Ecosystem

29. The filling of low lying area with garbage is called

a. soil fill

b. garbage fill

c. land fill

d. none of the above.