

General Instructions: All questions are compulsory. Read each question carefully. Write neat and complete answers.

SECTION A – MCQs (20 × 1 = 20)

Choose the correct answer.

1. Which organ helps us to breathe? (a) Heart (b) Lungs (c) Stomach (d) Brain
2. Which of these is a source of clean energy? (a) Coal (b) Petrol (c) Solar energy (d) Diesel
3. Plants prepare their food mainly in the: (a) Root (b) Stem (c) Leaf (d) Flower
4. Which animal gives us wool? (a) Cow (b) Sheep (c) Hen (d) Dog
5. Water changes into vapour due to: (a) Freezing (b) Evaporation (c) Melting (d) Condensation
6. Which is a biodegradable waste? (a) Plastic bottle (b) Glass (c) Vegetable peel (d) Metal can
7. A person who treats sick people is a: (a) Carpenter (b) Doctor (c) Farmer (d) Potter
8. Which part of a plant absorbs water from the soil? (a) Flower (b) Leaf (c) Root (d) Fruit
9. Which disease can spread through contaminated water? (a) Cholera (b) Fracture (c) Asthma (d) Near-sightedness
10. The Earth gets light and heat mainly from the: (a) Moon (b) Sun (c) Stars (d) Clouds
11. Which transport does not cause air pollution? (a) Car (b) Bus (c) Bicycle (d) Truck
12. Which of these is a natural resource? (a) Plastic (b) Water (c) Cement (d) Glass
13. The process of making curd from milk is helped by: (a) Bacteria (b) Stones (c) Sand (d) Insects
14. Which sense organ helps us to hear? (a) Eye (b) Ear (c) Nose (d) Skin
15. A map helps us to: (a) Cook food (b) Find places (c) Grow plants (d) Measure temperature
16. Which is the safest way to cross a busy road? (a) Run across (b) Use a zebra crossing (c) Play on the road (d) Cross anywhere
17. Which food is rich in protein? (a) Pulses (b) Sugar (c) Salt (d) Oil
18. Which of these helps prevent soil erosion? (a) Cutting trees (b) Planting trees (c) Overgrazing (d) Mining
19. A house made of ice is called a: (a) Hut (b) Igloo (c) Tent (d) Stilt house
20. Which practice helps save water? (a) Leaving taps open (b) Repairing leaking taps (c) Wasting water (d) Using a hose unnecessarily

SECTION B – VERY SHORT ANSWERS (10 × 2 = 20)

21. What is a balanced diet?
22. Name any two sources of water.
23. Why do we need clean drinking water?
24. Write two uses of plants.
25. What is recycling?
26. Name two domestic animals and two wild animals.
27. Why should we wash our hands before eating?
28. What is migration? Give one example.
29. Name any two means of public transport.
30. Write two ways to keep your surroundings clean.

SECTION C – SHORT ANSWERS (8 × 3 = 24)

31. Explain the water cycle in three main steps.
32. Why are forests important? Write any three points.
33. Differentiate between biodegradable and non-biodegradable waste with examples.
34. How do plants and animals depend on each other?
35. Write three safety rules that should be followed while travelling on the road.
36. Why is it important to conserve electricity? Give three ways to save it.
37. Explain any three changes that food undergoes during cooking.
38. What are communicable diseases? How can we prevent them?

SECTION D – COMPETENCY-BASED / APPLICATION QUESTIONS (4 × 4 = 16)

39. **Riya notices that a tap in her school keeps dripping throughout the day.**
 - (a) What problem does this cause?
 - (b) Why should the tap be repaired?
 - (c) Suggest two ways students can save water at school.
40. **A family throws vegetable peels, plastic wrappers and old newspapers into the same dustbin.**
 - (a) Which waste can be composted?
 - (b) Which waste should be recycled?
 - (c) Why should waste be separated?
 - (d) Name one item that can be reused.

41. A village has very few trees. During summer, people face extreme heat and water shortage.

- (a) How can trees help the village?
- (b) Why should people plant more trees?
- (c) Mention two ways to protect newly planted trees.

42. A child eats chips and sweets every day and avoids fruits and vegetables.

- (a) Is this a balanced diet? Why?
- (b) Name two healthy foods the child should eat.
- (c) What may happen if the child continues this eating habit?

SECTION E – LONG ANSWERS (4 × 5 = 20)

43. Explain the importance of water in our daily life. Write five ways to conserve water.
44. Describe the journey of food from the time we eat it until the body gets nutrients. Mention the role of the digestive system.
45. What is environmental pollution? Explain three types of pollution and give one way to reduce each type.
46. Explain how people living in different parts of India adapt their houses, clothes, food and occupations according to the climate and surroundings.

SECTION F – OBSERVE, THINK & ANSWER (1 × 5 = 5)

47. Observe your surroundings and answer:
- (a) Name two things made from natural resources. (1)
 - (b) Name two ways in which people use water in your home. (1)
 - (c) Identify one environmental problem you see around you. (1)
 - (d) Suggest two practical solutions to the problem. (2)

SECTION G – MAP / ACTIVITY-BASED QUESTION (1 × 5 = 5)

48. On an outline map of India, **mark and label any five**:
- (a) Arabian Sea (b) Bay of Bengal (c) Himalayas (d) Thar Desert (e) Indian Ocean.

OR Draw and label a simple **water cycle** showing evaporation, condensation and rainfall.