

Class 4 Environmental Studies (EVS) Question Paper

Time: 3 Hours

Maximum Marks: 100

General Instructions

- All questions are compulsory.
- Read every question carefully.
- Give complete answers wherever required.
- Draw neat and labelled diagrams where asked.
- Write examples wherever necessary.

Section A – Multiple Choice Questions $10 \times 1 = 10$ Marks

1. Meena keeps a plant in a dark room for several days. Its leaves become pale and weak. What is the most likely reason?
a) It gets too much water b) It does not get enough sunlight
c) It has too much soil d) It gets too much fresh air
2. Which of the following shows that a seed is beginning to germinate?
a) It becomes hard b) A small root and shoot appear
c) It changes into a flower d) It loses all its water
3. A cow, goat and buffalo are commonly kept by people mainly because they:
a) live only in forests b) provide useful products such as milk
c) can fly d) eat only fruits
4. Which adaptation helps a camel survive in a desert?
a) Broad webbed feet b) Thick layer of fat in its hump and ability to survive with little water
c) Gills for breathing d) Thick feathers
5. Which of these is the safest way to store drinking water at home?
a) In an uncovered bucket b) In a clean, covered container
c) In an open bowl d) Near the dustbin
6. A family uses a cloth bag instead of taking a new plastic bag every time they shop. This helps to:
a) increase plastic waste b) reduce waste
c) waste water d) increase air pollution
7. Which person is most likely to help us when a water pipe in our house is leaking?
a) Carpenter b) Plumber c) Potter d) Tailor
8. Why do houses in places with heavy rainfall often have sloping roofs?
a) To collect more dust b) To allow rainwater to flow down easily
c) To make the house darker d) To keep birds inside
9. Which means of transport is most suitable for travelling a very long distance quickly?
a) Bicycle b) Bullock cart c) Aeroplane d) Handcart

10. Ravi sees a wetland filled with plastic waste. What could happen if the waste is not removed?

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| a) The water and animals may be harmed | b) The water will become cleaner |
| c) More fish will automatically appear | d) Plants will grow faster |

Section B – Very Short Answer Questions $10 \times 2 = 20$ Marks

11. Write two differences between a living thing and a non-living thing.
12. Why do plants need sunlight? Write two reasons.
13. What is germination? Name one condition necessary for germination.
14. Write two ways in which animals are useful to people.
15. Why should we not disturb wild animals in their natural habitats?
16. Give two examples of foods that provide us with proteins. Why are proteins important?
17. Write two methods of making drinking water safer.
18. Why do people in different regions build different types of houses?
19. Write two advantages of using public transport.
20. What is biodegradable waste? Give one example.

Section C – Short Answer Questions $8 \times 3 = 24$ Marks

21. Explain how a plant gets water from the soil and carries it to its leaves.
22. Rohan planted two similar seeds. He kept one in moist soil and the other in completely dry soil. After a few days, only one seed germinated.
 - Which seed germinated?
 - Why?
 - What does this experiment teach us?
23. How are domestic animals different from wild animals? Give two examples of each.
24. A child eats only chips, sweets and soft drinks every day.
 - Is this a healthy diet?
 - Why or why not?
 - Suggest three healthier foods.
25. Explain three ways in which water is used in your daily life. Why should we avoid wasting it?
26. Why are forests important for both animals and people? Give three reasons.
27. What is the difference between weather and season? Give one example to explain your answer.
28. Explain three safety rules that children should follow while travelling on a road.

Section D – Application and Reasoning

6 × 4 = 24 Marks

29. Read the situation and answer:

A farmer notices that insects are eating his crops. He wants to protect his crops but does not want to harm useful insects such as bees and butterflies.

- Why should useful insects be protected?
- Suggest two safer ways to protect the crops.
- What might happen if all insects disappear from the farm?

30. Read the situation and answer:

Anita's family leaves the tap running while brushing their teeth. They also wash their car using a hose for a long time.

- What is wrong with these practices?
- Suggest two ways the family can save water.
- Why is saving water important even when there seems to be plenty of water?

31. A village has a pond that people use for washing clothes, bathing animals and collecting water. Over time, the pond becomes dirty.

- What problems can dirty pond water cause?
- Name two things the villagers should do to protect the pond.
- How can clean water improve the health of the village?

32. A city street has many trees. Some people want to cut them down to make the road wider.

- Give two benefits of the trees.
- What problems may occur if too many trees are cut?
- Suggest one way to widen the road while protecting as many trees as possible.

33. During winter, a family living in a cold mountain area wears woollen clothes and uses thick blankets.

- Why are woollen clothes useful in winter?
- Why might people living in a hot region not need the same type of clothing?
- Give two examples of how people adapt to the climate where they live.

34. A school produces a large amount of paper waste every day. The principal wants to reduce it.

Suggest four practical steps the school can take to reduce, reuse or recycle paper.

Section E – Long Answer Questions

4 × 5 = 20 Marks

35. Plants and Our Lives

Plants are very important to us.

- a) Write three things we get from plants.
- b) Explain two ways plants help the environment.
- c) What can children do to protect plants?

36. Food and Health

A healthy child needs a balanced diet.

- a) What is a balanced diet?
- b) Why do we need carbohydrates?
- c) Why are proteins important?
- d) Name two foods rich in vitamins and minerals.
- e) Write one unhealthy eating habit that children should avoid.

37. Water and Conservation

Water is necessary for all living things.

- a) Name four important uses of water.
- b) What is rainwater harvesting?
- c) How can rainwater harvesting help people?
- d) Write two ways your family can save water.

38. Our Environment

Imagine that the amount of garbage in your neighbourhood is increasing every month.

- a) What problems can this create?
- b) What is the difference between wet waste and dry waste?
- c) Give two examples of each.
- d) Explain how segregation of waste can help the environment.

39. Case Study – A Visit to a Village

A group of students visits a village. They see fields, a pond, cattle, a small health centre and houses with courtyards. The villagers grow crops and keep animals. Some families collect rainwater in tanks.

Answer the following:

- a) Why are ponds important in villages?
- b) How can cattle help farming families?
- c) Why might rainwater collection be useful in the village?
- d) Name one occupation commonly connected with farming.
- e) Give one reason why village houses may be different from city houses.
- f) Suggest one way the students can help keep the village environment clean.

40. Case Study – Making the School Greener

A school wants to become more environmentally friendly. Students suggest planting trees, reducing plastic use, saving electricity and collecting rainwater.

Answer the following:

- a) How will planting trees help the school?
- b) Give two ways students can reduce plastic use.
- c) Why should electricity be saved?
- d) How can the school collect and use rainwater?
- e) Suggest one activity students can conduct to spread environmental awareness.
- f) Which of these actions would you start first and why?