

Easy Science Book 4 Exam Paper

Time: 2 hrs.

Name Roll No.....

Date Obtained marks

Q1.Choose the correct answer.

1: Animals obtain their energy by:

- a. Photosynthesis
- b. Consuming other organisms
- c. Absorbing sunlight
- d. Producing their own food

2: Plants can make their own food through the process of:

- a. Respiration
- b. Digestion
- c. Photosynthesis
- d. Fermentation

3: Pollination can be carried out by:

- a. Water
- b. Wind
- c. Animals
- d. All of the above

4: Which of the following is necessary for seed germination?

- a. Light
- b. Water
- c. Soil
- d. All of the above

5: Seed dispersal helps in:

- a. Absorbing water
- b. Making food
- c. Spreading seeds to new locations
- d. Producing flowers

- 6: Which of the following is a similarity between vertebrates and invertebrates?
- a. Both have a backbone
 - b. Both have a nervous system
 - c. Both have a circulatory system
 - d. Both have a digestive system
- 7: Abiotic factors in an ecosystem include:
- a. Animals
 - b. Humans
 - c. Water
 - d. Plants
- 8: A shadow is formed when:
- a. Light passes through an object
 - b. Light is absorbed by an object
 - c. Light is blocked by an object
 - d. Light is reflected by an object
- 9: Which state of matter has neither a definite shape nor a definite volume?
- a. Solid
 - b. Liquid
 - c. Gas
 - d. Plasma
- 10: Which planet is the largest in the Solar System?
- a. Earth
 - b. Mars
 - c. Jupiter
 - d. Venus

Q2.Fill in the Blanks with correct answers.

- 1: The_____ is responsible for breaking down food in the mouth.
- 2: The_____ supports the body and protects internal organs.
- 3: _____ is a common viral illness that affects the respiratory system.
- 4: _____ is a non-contagious disease that involves uncontrolled cell growth.
- 5: A lunar eclipse happens when the _____ comes between the Sun and the Moon.
- 6: A solar eclipse happens when the _____ comes between the Earth and the Sun.

- 7: _____ is a method of removing impurities from water.
- 8: _____ water can cause diseases and health problems.
- 9: Natural gas, oil, and coal are examples of _____.
- 10: Soil serves as home for many kinds of living things such as worms and _____.

Q3.State whether the statements is True or False.

- i. Water covers about 50% of the Earth's surface, including oceans, seas, rivers, lakes, and ponds. _____
- ii. A lever is a bar that rotates on a point called a fulcrum. _____
- iii. Digital thermometers use mercury to measure temperature.

- iv. Fats provide energy, support cell growth, protect organs, and keep the body warm. _____
- v. Hepatitis is an infection of the heart that can spread through contact with infected blood. _____
- vi. The process of turning a liquid into a solid by cooling is known as freezing.

Q4.Match the column.

Column A	Column B
Plants close their stomata	To reduce water loss in dry conditions
Hibernation	Bears and groundhogs sleep during winter to save energy
Burrowing	Moles, prairie dogs, and rabbits dig burrows to escape predators
Migration	Geese and swans migrate to warmer climates during winter
Primary consumer	Deer hunted by predators
Secondary consumer	Tiger hunts and eats other animals
Prey	Humans consume chicken
Predator	Chicken feeds on corn

Q5. Write down four differences between Vertebrates and Invertebrates.

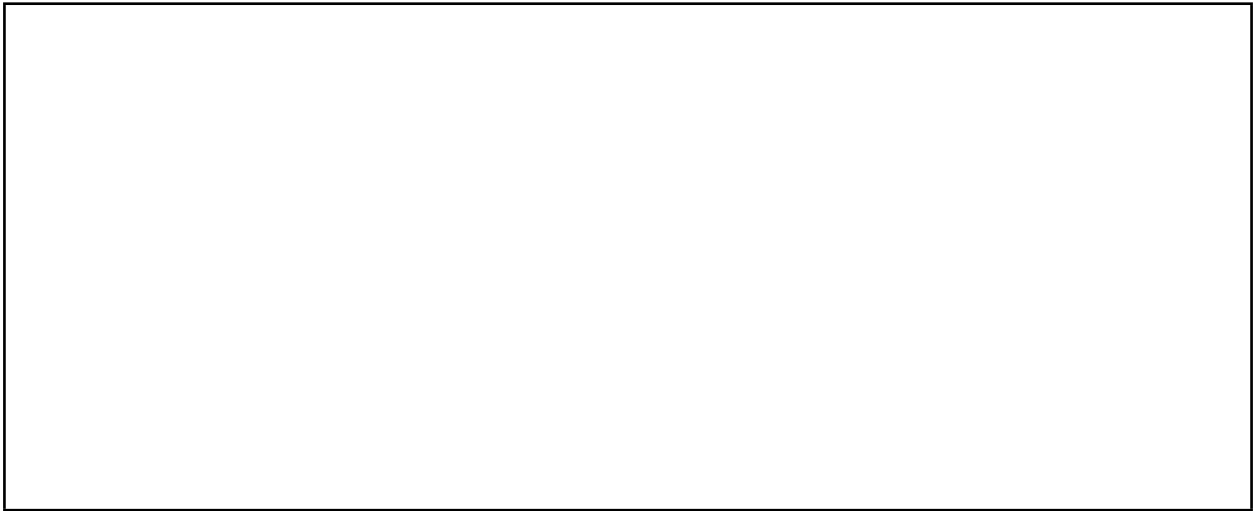
Vertebrates	Invertebrates

Q6. Look at the pictures and name the weather.

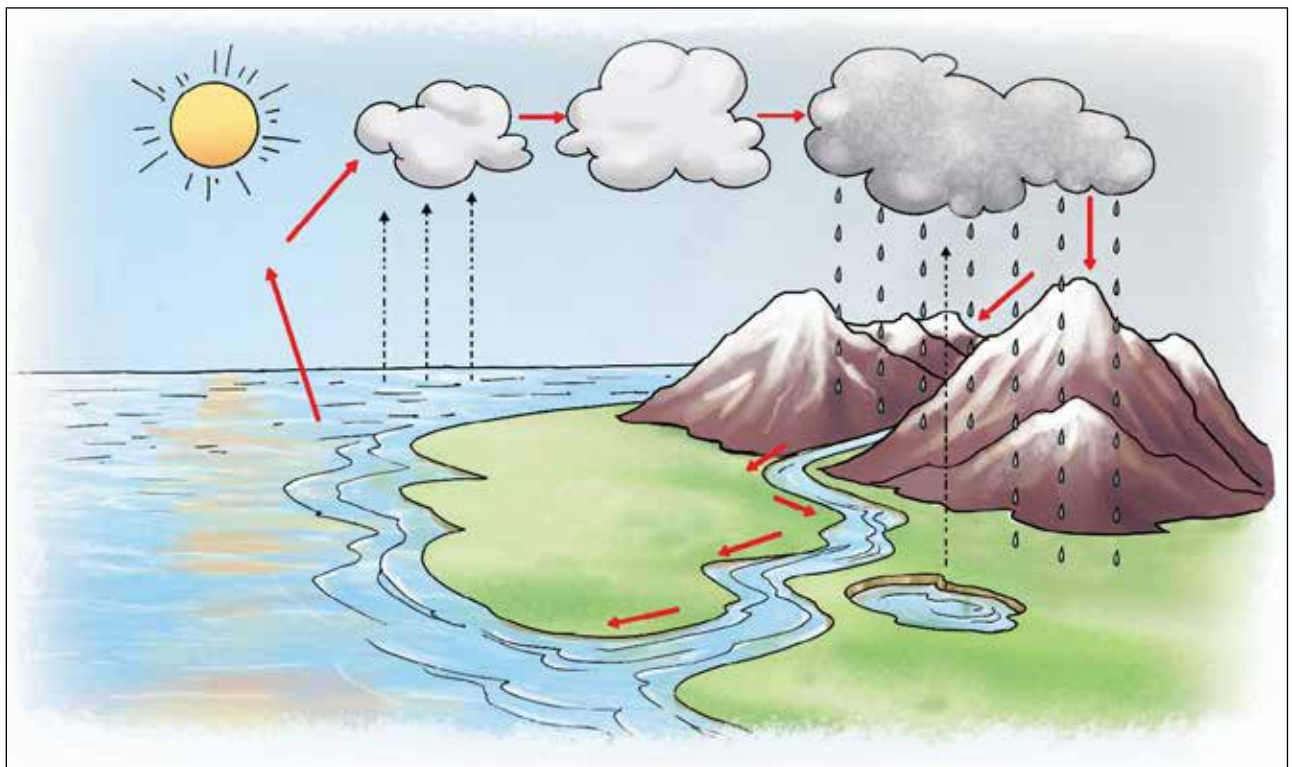


1. _____
2. _____
3. _____
4. _____

Q7. Draw and label the parts of a flower.



Q8. Label the following diagram of the water cycle.



Q7. Give short answers for the following questions.

1. What are cold-blooded animals and warm-blooded animals?
2. Name two contagious and two non-contagious diseases.
3. What are some similarities between vertebrates and invertebrates?
4. Define hibernation and migration.
5. What are the three states of matter, and how are they different?

Q8. Give detailed answers for the following questions.

1. Describe the human digestive system and the functions of its organs.
2. Explain energy transformation with examples.
3. Describe how the different types of simple machines make our work easier.
4. Explain the different phases of the Moon and why they occur
5. What are the eight planets in our solar system, listed from closest to farthest from the Sun?

Acknowledgements

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