Seed Dispersal

A. Choose the Correct Answer:

- 1. What is seed dispersal?
 - A) The process of seeds forming new flowers
 - B) The movement of seeds away from the parent plant
 - C) The growth of seeds into plants
 - D) The removal of seeds from the soil
- 2. Which of the following is a method of seed dispersal by wind?
 - A) Coconut floating on water
 - B) Cotton seeds with hair-like structures
 - C) Seeds sticking to animal fur
 - D) Seeds eaten by birds
- 3. Which type of seed dispersal occurs when seeds are carried away by animals?
 - A) Wind dispersal
 - B) Water dispersal
 - C) Animal dispersal
 - D) Explosion dispersal

B. Fill in the Blanks:

1.			is	the	proces	ss by	which	ch s	seeds	are	scattere	ed a	away	from	the	pare	nt
	plar	nt.															
_	_										1.						

2. Seeds with lightweight, wing-like structures are dispersed by ______.

3. Seeds like coconut, which have a hard, fibrous covering, are dispersed by .

C. Case Study:

Rohan and his friends went on a nature walk.

- They saw dandelion seeds being carried away by the wind.
- They noticed that some plants had seeds with hooks that stuck to their clothes and animal fur.
- Near the river, they observed coconut seeds floating on the water.
- Their teacher explained that these are different methods of seed dispersal, helping plants grow in new areas.

Case Study Questions:

- 1. How were the dandelion seeds dispersed?
- 2. What method of dispersal did the seeds with hooks use?
- 3. Why did the coconut seeds float on water?
- 4. How does seed dispersal help plants?

D. Short Answer Questions:

- 1. What is seed dispersal?
- 2. Name two methods of seed dispersal.
- 3. How are seeds dispersed by water?

E. Long Answer Questions:

- 1. Explain the different methods of seed dispersal with examples.
- 2. Why is seed dispersal important for plants? Describe in detail.
- 3. How do animals help in seed dispersal? Give examples.