

**A Choose the correct option.**

1. Which of the following is not necessary for a seed to grow?
a. Fertiliser b. Air c. Water d. Warmth
2. Which fruit has seeds outside it?
a. Orange b. Mango c. Strawberry d. Cherry
3. Which out of these came from South America?
a. Tomato, Cabbage, Pea b. Tomato, Potato, Green chilly
c. Potato, Coffee, Lady finger d. Green chilly, Onion, Garlic
4. Which out of these seeds, we can not eat?
a. Chickpea b. Apricot seed c. Wheat d. Barley
5. Plants that hunt _____.
a. Sundew b. Pitcher plant c. Venus fly trap d. Eucalyptus
6. What is the other name of Bhindi?
a. Okra b. Zucchini c. Aubergine d. Fig
7. Seeds of coconut plant are dispersed by
a. Wind b. Water c. Animals d. Bursting
8. Which of the following is not an agent of dispersal?
a. Animals b. Plants c. Water d. Wind
9. Which of the following is not a seed?
a. Chana b. Rajma c. Cumin d. Lemon
10. What is the other word for sprouting?
a. Split b. Germinate c. Break d. Become big

B Write 'T' for True and 'F' for False statements.

1. Seeds are of different shapes, sizes, colours and textures. _____
2. Some plants may grow without seeds. _____
3. On soaking a seed, it expands in size. _____
4. Seeds kept in the refrigerator do not sprout. _____
5. Maple seeds disperse through water. _____
6. Dispersal of seed is essential so that the baby plant gets enough space, air and light. _____

C Match the following.

Column A	Column B	Ans.
1. South America	a. cabbage, pea	1. ____
2. Seeds	b. okra	2. ____
3. Africa	c. mango, orange, banana	3. ____
4. Europe	d. sprout	4. ____
5. Great travellers	e. tomato, potato, green chilli	5. ____
6. India	f. coffee bean, green Bhindi	6. ____
7. Bhindi	g. flying seeds	7. ____

D Answer these questions.

1. What are the conditions a seed need to sprout (germinate)?

Ans. _____

2. What is there inside a seed?

Ans. _____

3. How do plants reproduce?

Ans. _____

4. How do the soya bean seeds spread?

Ans. _____

5. Why doctors sometimes advice sick people to eat sprouts?

Ans. _____

6. What are the various uses of Velcro?

Ans. _____

E Group them under suitable headings:

Mango, Litchi, Guava, Banana, Orange, Grapes, Gooseberry, Papaya,
Pineapple, Dates, Watermelon, Coconut, Apple, Tamarind, Fig

No.	Fruits with single seed	Fruits with many seed	Seedless fruits
1.			
2.			
3.			
4.			
5.			

Answer

A.

- | | |
|---------------------------------|-----------------|
| 1. Warmth | 2. Strawberry |
| 3. Tomato, Potato, Green chilly | 4. Apricot seed |
| 5. Eucalyptus | 6. Okra |
| 7. Water | 8. Plants |
| 9. Lemon | 10. Germinate |

B.

1. True 2. True 3. True 4. True 5. False 6. True

C.

1. e 2. d 3. f 4. a 5. g 6. c 7. b

D.

1. To sprout them, first these are soaked in water and then wrapped in a wet cloth and hung up so that they get proper water and air.
2. Inside the seed, there are cotyledons and embryos.
3. In sexual reproduction, the male and the female gametes fuse to form seeds that eventually develop into new plants.
4. When the soya-bean pods are ripe, they burst and seeds are thrown out.
5. Doctor has advised me to eat sprouts because they are very nutritious.
6. Velcro is used to secure a variety of items such as clothing, shoes, bags, belts, and more.

E.

1. Fruits with single seed:- Mango, Litchi, Gooseberry, Dates, Tamarind.
2. Fruits with many seed:- Guava, Orange, Papaya, Watermelon, Apple.
3. Seedless fruits:- Banana, Grapes, Pineapple, Coconut, Fig