



# BIOLOGY

**BOOKS - VGS PUBLICATION-BRILLIANT**

## SPEED DISPERSAL

### Exercise

1. What happens if seeds are not dispersed?



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2. How are seeds dispersed in caltropis?



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3. Why do most of the coconut trees grow along the seashores?



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4. Do you find any relationship between the weight of the seeds and the dispersal

mechanism? Discuss with suitable examples.



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5. Ravali Said, "dispersal of seed is very important in nature" Is he correct? Why do you support her?



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6. Some seeds like soap nuts have very hard shell. Why is it so?



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7. Now-a-days people want to eat sprouts. List out the reasons why they take sprouts as food.



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8. Collect some seeds sow them in a particular place in your school garden. Observe how many days each type of seed takes to germinate. Tabulate your observation.



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**9.** Collect Tadi seeds and make a model. Display them in your school.



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**10.** How seeds are formed and give birth to new plants?



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**11.** Why are seeds disperse to different distances. How do they disperse?



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**12.** Explain how does the dispersal of seeds through wind take place.



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**13.** Write a note on dispersal of seed by water.



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**14.** Describe how animals help in the dispersal of seeds.



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**15.** Explain how birds are also responsible for the dispersal of seeds.



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**16.** Why do plants produce a large number of seeds?



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**17.** How do squirrels help in dispersal of seeds?



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**18.** Do you agree with the fact that seeds are also traveling by aeroplanes, and ships?



Explain.



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**19.** How many seeds a mustard plant does produce ? How do you feel about it ?



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**20.** Some animals eat fleshy fruits. How do they disperse the seeds of those fruits?



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**21.** Describe how does the dispersal of seeds take place by bursting of fruits that throw the seeds out.



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**22.** Describe how the seeds of fruits tomato, cauliflower, guava, sugar cane transferred across the globe by people.



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23. The part of the flower"Which develops into fruits after fertilization

A. 1. Ovary

B. 2. Ovule

C. Petals

D. Flower

**Answer:**



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24. Ovules develop into

A. fruit

B. seed

C. flower

D. plant

**Answer:**



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25. Dispersal of this seed is by water.

A. 1. Coconut

B. 2. Soap nut

C. 3. Neem

D. 4. Milk weed

**Answer:**



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26. Dispersal of calotropis is through

A. 1. Water

B. 2. Animals

C. 3. Wind

D. 4. Humans

**Answer:**



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27. These seeds are dispersed by animals.

A. 1. Fleshy fruits

B. 2. Coconut

C. 3. Neem

D. 4. Balsam

**Answer:**



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**28.** Neem seed is dispersed to other places by

A. 1. Animals

B. 2. Human beings

C. 3. Birds

D. 4. Water

**Answer:**



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29. Dispersal by bursting of these fruits is done.

A. Neem

B. Coconut

C. Fleshy fruits

D. Bhendi

**Answer:**



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**30.** People transferred these seeds across the globe.

A. 1. Coconut

B. 2. Neem

C. 3. Soap nut

D. 4. Sugarcane

**Answer:**



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31. Among the following dispersal of seed occurs through wind in

A. 1. Coconut

B. 2. Lotus

C. 3. Milkweed

D. 4. Mango

**Answer:**



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**32.** Seeds of lotus travel by

A. Birds

B. Insects

C. Animals

D. Water

**Answer:**



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**33.** These are carried by birds.

A. Maple

B. Milkweed

C. Lotus

D. Neem

**Answer:**



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**34.** On drying the pod explodes releases seeds with great force in

A. Mustard

B. Sugarcane

C. Pears

D. Tomato

**Answer:**



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**35. Native of India.**

A. Potato

B. Sugarcane

C. Cauliflower

D. Pear

**Answer:**



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**36.** Who left the seeds of tomatoes in India.

A. Americans

B. Europeans

C. Japanese

D. All

**Answer:**



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**37.** Among the following this has a single seed.

A. Brinjal

B. Guava

C. Bhendi



D. Mango

**Answer:**



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**38.** Among the following this has a large number of seeds.

A. Mango

B. Neem

C. Coconut

D. Tomato

**Answer:**



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**39.** Seeds of fleshy fruits can be dispersed through

A. Human beings

B. Birds

C. Animals

D. All of these

**Answer:**



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**40.** In mustard plant seeds can be dispersed through

A. Wind

B. Bursting mechanism

C. Water

D. Animals

**Answer:**



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**41.** Seed dispersal is essential for survival of

A. Plants

B. Animals

C. Birds

D. Human beings

**Answer:**



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**42.** Cotton seeds have the following structures.

A. Wing like outer growths

B. Hooks

C. Hairy parts

D. Thorns

**Answer:**



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**43.** Mustard plant produces seeds more than the following

A. 100

B. 1000

C. 10000

D. 100000

**Answer:**



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**44.** Seeds of lotus dispersal through

A. Birds

B. Animals

C. Wind

D. Water

**Answer:**



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**45.** Plants can compete for the following.

A. Air

B. Water

C. Minerals

D. All of these

**Answer:**



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**46.** The following seeds dispersal through human beings

A. Bhendi

B. Coconut

C. Tomato

D. Cotton

**Answer:**



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47. Identify the wrong statement.

A. All the seeds of a fruit should be able to germinate

B. Some seeds germinate but plants die before maturation

C. Some seeds never germinate

D. All seeds do not germinate

**Answer:**



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**48.** Some plants having bursting mechanism of fruits for dispersal of seeds in such plants fruit is called.

- A. Fleshy fruit
- B. Capsule
- C. Light weight fruit
- D. None of these

**Answer:**



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49. Neem fruits are dispersed by

A. Crows

B. Bulbuls

C. Mynas

D. All of these

**Answer:**



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50. These are carried by birds.

A. Maple

B. Milkweed

C. Lotus

D. Neem

**Answer:**



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**51. Assertion (A) :** Seeds germinate and form new plants.

**Reason (R) :** A spore germinates and develops into a new individual.

A. 1. Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'

B. 2. Both 'A' and 'R' are true but 'R' is not the correct explanation of 'A'.

C. 3. 'A' is true but 'R' is false.

D. 4. 'A' is false but 'R' is true

**Answer:**



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**52.** Statement (i) : Flowers pollinated by insects are colourless and small in size.

Statement (ii) : Seeds with spines are dispersed by animals.

A. 1. Statement (i) is correct (ii) is incorrect

B. 2. Statement (ii) is correct (i) is incorrect

C. 3. Both (i) and (ii) are correct

D. 4. Both (i) and (ii) are incorrect

**Answer:**



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**53.** Statement (i) : Moringa seeds are dispersed by wind.

Statement (ii) : Balsam seeds are dispersed by explosion.

Statement (iii) : Coconut seeds are dispersed by water.



A. 1. Statement (i) and (iii) are incorrect  
while (ii) is correct

B. 2. Statement (i) and (ii) are incorrect  
while (iii) is correct

C. 3. All statements are correct

D. 4. All statements are incorrect

**Answer:**



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54. Which of these seeds are dispersed by the wind?

A. 1. Coconut

B. 2. Calotropis

C. 3. Lotus

D. 4. Pedalium (palleru)

**Answer:**



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55. Dispersal of seeds by bursting of fruits happens in

A. 1. Sugarcane

B. 2. Coconut

C. 3. Lotus

D. 4. Ladies finger

**Answer:**



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