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CLASS : 5TH A AND B

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SUB : SCIENCE

SUB TEC: NAINA PASWAN

CH -- 2 reproduction in flowering plants and plant growth

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1. ANSWER THESE QUESTIONS:

1. Why is seed dispersal essential ?

Ans : dispersal of seeds is very important for the survival of plant species . If plants grow too closely together , they have to compete for light , water and nutrition from the soil . Seeds dispersal of allows plants to spread out from a wide area and avoid competing with one another for the some resources.

2. What are the favourable conditions needed for the seeds that are dispersed by wind ?



Ans : Atmosphere must be dry because seeds are dispersed in dry condition and seed should be light in weight so that easily carried by wind .

2. Give two examples of dispersal of seeds by water .

Ans : Coconut , Palm , water lily , and water mint are a few example of plants whose seed are dispersed by the water .

3. How do seeds of spear grass and tiger nail disperse ?

Ans : Seeds are dispersed by wind , water and animals including human being these are called agent of dispersal.....seeds of some plants like Burdock, xanthium , Tiger nail and their grass have hooks or spines . They get attached to the body of animal or clothes of human and are carried to other places .

4. Name two plants that scatter their seeds by explosion.

Ans : Pea and beans are two plants whose seeds are disappeared by explosion of their fruits .

2. Multiple choice question (tick the correct option)

1. One of the following is not a part of seedling a .radical

b. apical bud

c. plumule

d. cotyledon

Ans: b : apical bud

2. Transplantation is common for

a. paddy

b. Tomato

c. Chillies

d. all the above

Ans : d. All the above

3. In crafting the lower part is known as

- a. scion
- b. Stock
- c. Taproot
- d. none of these

Ans: b : stock

4. bryophyllum is an example of

- a. leaf giving rise to a new plant
- b. stem giving rise to a new plant
- c. root giving rise to new plant
- d. seed giving rise to new plant

Ans: a : leaf giving rise to a new plant

2. Fill in the blanks :

1. Jasmine is the example for layering.
2. In Bryophyllum , new plants arise from the margin of the leaves .
3. Seedling is also known as baby plant .
4. cotton and modar are examples of wind dispersal .

5. Fruits with fibres or sponge coat are usually dispersed by bird and humanbeing .
6. Plumule give rise to shoot whereas radicle gives rise to root .

3. Write true or false :

1. Sweet potato grows by stem cutting
.....
2. The two parts used in grafting are plumule and radical
3. Leaf can give rise to new plants in bryophyllum.....
4. Flower comes from seed.
5. Transplantation is done in rice and Chillies

ANSWER:

1. F
2. T
3. T
4. F

5. T

4. Match the following columns :

	Seeds/Fruits	Dispersing agent
1.	Coconut	a. Man
2.	Mango	b. Wind
3.	Cotton seed	c. Animal body
4.	Pea	d. Water
5.	Spear grass	e. Explosion

ANSWER:

1. D. 2. A.

3. B.

4. E.

5. C.

**IN H.W. SAME WORK LEARN AND
WRITE FOR REVISION.**