

## Home Assignment

1. Name the information source of making proteins in the cell. State two basic events & characters. reproduction.

DNA (deoxyribonucleic acid)

The two basic events in reproduction are:

- creation of a DNA copy.
- Additional cellular apparatus by the cell involved in the process.

2. Explain vegetative propagation with the help of two examples. List two advantages of vegetative propagation.

- This is a type of asexual reproduction in plants.
- Vegetative parts like leaves, stem, roots give rise to a new plant.
- Vegetative propagation can be artificial or natural.
- Natural vegetative propagation happens through leaves (bryophyllum), stem (~~corion~~ ginger turmeric), runners / stolon (grass runners,

strawberry).

### Advantages.

- It makes possible the production of seedless varieties.
- It produces new individuals, with exactly identical qualities, as the parent plant.