



NEET Biology

Short Notes

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Dear Students

NEET 2019 aspirants look for **quick charts, important examples, and memory maps** everywhere. Keeping the same in mind, we have compiled an article to help you quickly revise important examples from the **Chapter Reproduction in Organism**.

What this post aims to do:

Help you start learning Important Examples.
Let's start.

Asexual Reproduction

- **Fission:** Bacteria, Amoeba
- **Budding:** Yeast, Hydra
- **Spores:** Fungi, Bacteria (*Clostridium* & *Bacillus*)
- **Fragmentation:** *Spirogyra* (Algae), Worms (ribbon-worms -Nemertinea and flatworms -Turbellaria).
- **Regeneration:** *Planaria*
- **Gemmules** (Internal Buds): Sponges

Natural Vegetative reproduction

- **By Roots:** Dahlia, Sweet Potato, Asparagus
- **By Stems:**
 - **Underground stem -**
 - ❖ Rhizome (Banana, Ginger, Turmeric)
 - ❖ Corm (*Gladiolus*, *Colocasia*)
 - ❖ Bulb (Garlic, onion, etc.)
 - ❖ Tuber (Potato)
 - **By Creeping stem**
 - ❖ Runners (Grass),
 - ❖ Stolons (Strawberry, *Vallisneria*)
 - ❖ Offset (e.g. *Eichhornia*).
 - **By Aerial shoots**
 - ❖ Sugarcane, *Opuntia*
- **By Leaves:** Bryophyllum, Begonia, Walking fern (*Adiantum*)
- **By Bulbils:** *Agave*, *Oxalis*, *Ananas*, Lily.

Artificial Vegetative Reproduction

- **Cuttings**
 - ❖ **Leaf-cutting:** *Sansevieria*
 - ❖ **Stem cutting:** Rose, *Bougainvillea*
 - ❖ **Root cuttings:** Blackberry and Raspberry
- **Layering**
 - ❖ **Tip layering:** Blackberry & Raspberry
 - ❖ **Mound layering:** Gooseberry & Currant
 - ❖ **Air layering:** Litchi & Pomegranate
- **Grafting:** Orange, Rose, Apple, Mango, Pear

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