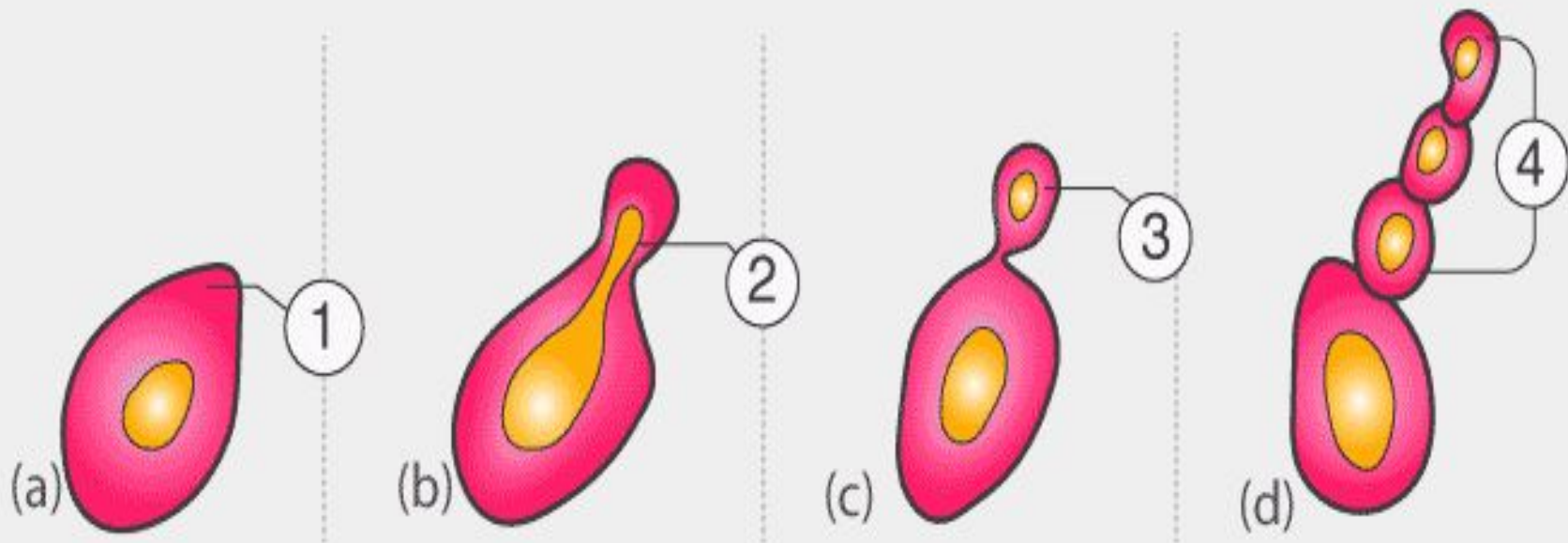




Reproduction :

- Production of young ones like parents.
- Essential Process related to continuity of species.
- To maintain the continuity of life.

REPRODUCTION IN YEAST BY BUDDING



- 1 Yeast Cell | 2 Developing Bud | 3 New Bud | 4 Chain of buds

3) Spore Formation

- Different types
- Flagellated motile zoospore
- Zoosporangia
- Biflagellate zoospores

Eg : Chlamydomonas

4) Fission

- Binary fission

Eg : Amoeba, Paramecium

5) Conidia Formation

Eg : Fungus penicillium

6) Gemmule Formation

Eg : Sponges

Artificial Methods

1) Cutting

Small piece of plant part selected.

Must possess one or more bud.

- Stem cutting

Eg : Rose, Bougainvillea

- Leaf cutting

Eg : Sansev feria

- Root cutting

Eg : Blackberry

A small amount of plant tissue is carefully and aseptically grown to get plantlets.

- Micropropagation :

Modern method to get plants from tissue culture.

Eg : Orchids

Flowers, specialized reproductive structure producing haploid gametes

Accessory whorls :

- Calyx → Sepals
- Corolla → Petals

Essential Whorls :

- Androecium → Stamen
- Gynoecium → Pistil

- Ovule are present in ovary.
- **Uniovulate** - Mango, wheat ,
Rice
- **Multiovulate** - Tomato, Lady's
finger