

Tissue Culture

micropropagation.

formation of huge no. of platelets in plants.

Property of Totipotency.

↓ ↓ ↓
Total potential.

The property of making a single cell to produce a single plant.

Zygote
↓

Embryo.

Advantages

less time require

Huge no. of platelets can be produce

and disease free varieties can be produce.

Explant.

↳ Meristematic

↳ disease-free.

Shoot-open

Root-open

H.W

- i) Crossing over is the process in which DNA is exchanged between the homologous chromosomes during Meiosis
 - ii) The progeny formed due to sexual reproduction has characteristics from mother as well as father
2. Reproduction ensures their continuity of existence on Earth.
They ~~Reproduction~~ transfer their genetic information
Continue their population.