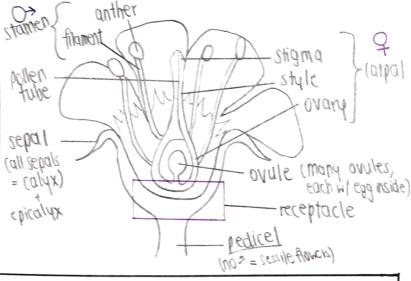


Louxasa		Sexual
Prd of genetically identical offspring from 1 parent mitosis (cell div.)	What No of parents Process	Prot of genetically dissimilar offspring + fusion of nuclei to form zugote 2 parents Meiosis
Only I parent involved beneficial qualities passed down to offspring	Advantages	can be more adapted to env. changes baneficial qualities from both parents
Less varia, less adaptable to env.	Disadvantages	2 patents reg.



Types of flowers

Superior ovary — ovary on receptade Interior — tereptade enclares ovary

bisexual — Flower has both stamen & pistil Unisexual — Either stamen or petil

Monoecious — Plant we both gendered flowers

Dioecious — Gendered flowers on reparate plants

hadrally symmetrical—

Sepals — modified leaves that enclose & protect office flux parts

Petals — Modified leaves that are brightly (all-comb) coloured to attract insect-pollinators & landing platform for I.

Stamenty Anther -> 2 lobes -> 2 mollenvacs

Generative & pollen tube (P+) Pollen grain or vegetative (many)

Nuclew

Contains vascular bundle to bring suc- 20.0., H20 2 minsalts to anther

ovary
ovule
ovule
micropyle
definitive
nucleus
funicle placenta ovum

CADDSI AREI

CARPEL/pofil

Stigma secretes sugary fluid to stimulat p.g. to grow style — Holds stigma in suitab position 4 connect...

Ordy - contains one or mon

ovum + definitive nucleus

Self – pollina ⁿ		X- pollinan
P.g. → state or diff. flw on state plant	what?	1-g. → bitt-plant of some species
Bisexual flowers have anthers & stigna maturing at duff same fimes Stigma below anthers	Charactenstics	Male & female flower on diff-plant Aut- & stig. module diff-filmes A & stg. of bitexual flow far away from e-o-
lopt:: closed petals) I posent heeded Pereficial qualities possed Pereficial on external factors High chance of pollina?	Advantages	Pereficial qualities from both points Mote varieties of offspray (genetic variability) I have of survival of species in env. charges More viable reeds to withstand env. charges
Test pollen kerongy wasted to attact Test varietes > less adaptable to May lead to weaker & smaller offspory	Oisadvantages	2 patents External factors Lower chance of pollinat

Pollination -> P.g. transferred from A-> Stg. 50 8x4 can be brought tyt.

Insect-pollinated

- Flowers, are large, brightly colouted L sweet smelling
- . Nector often present w nector
- stomen protitide a penallous (Wange)
- Pollen fairly abundant, p. 9. large, heavy, sticky w/ nough stc. to stick to insect bodies
- stigning small, compact & sticky teather, protrade

Wind-pollinated

- Flowers small, dull, scentless, pexals
- . Nector k quides absent
- stomen protoutes, pendulals to shaw in wind 'a those but p.g.
- Pallen abundant, p.g. small, dry, smooth, light/buoyant Rheia Tay | More free notes at tick.ninja

FERTILISATION

1 mature stigma secretes sugary fluid to stimu pg. 5 ger

More pollen & chargy wousted leg-nector)

- @ Pt. grows out of p.g. & elangate, cytoplasm, generative & p.t. nuclei passinto p.t.
- 3 Enzymes secreted to digest surr. to sue of stg. Lityle (pt. p.t. enters ovule thru micropyle, then disintegrates
- @ Gen-nucleus divides into 2 male gametes
- (5) Win orde tip of papt, absorbs sap, swells & bursts, DOUBLE fertilisor!
- -Fuse w ovum to firm zygote -Zygote > Embryo of feed w rotyledon - feed leaves for food storage
 - plumule shoot radicle - not
- Fuse wil definitive nucleus to form endo. n. 3n finh

- Endo no divides to form endo. tissue for food stora