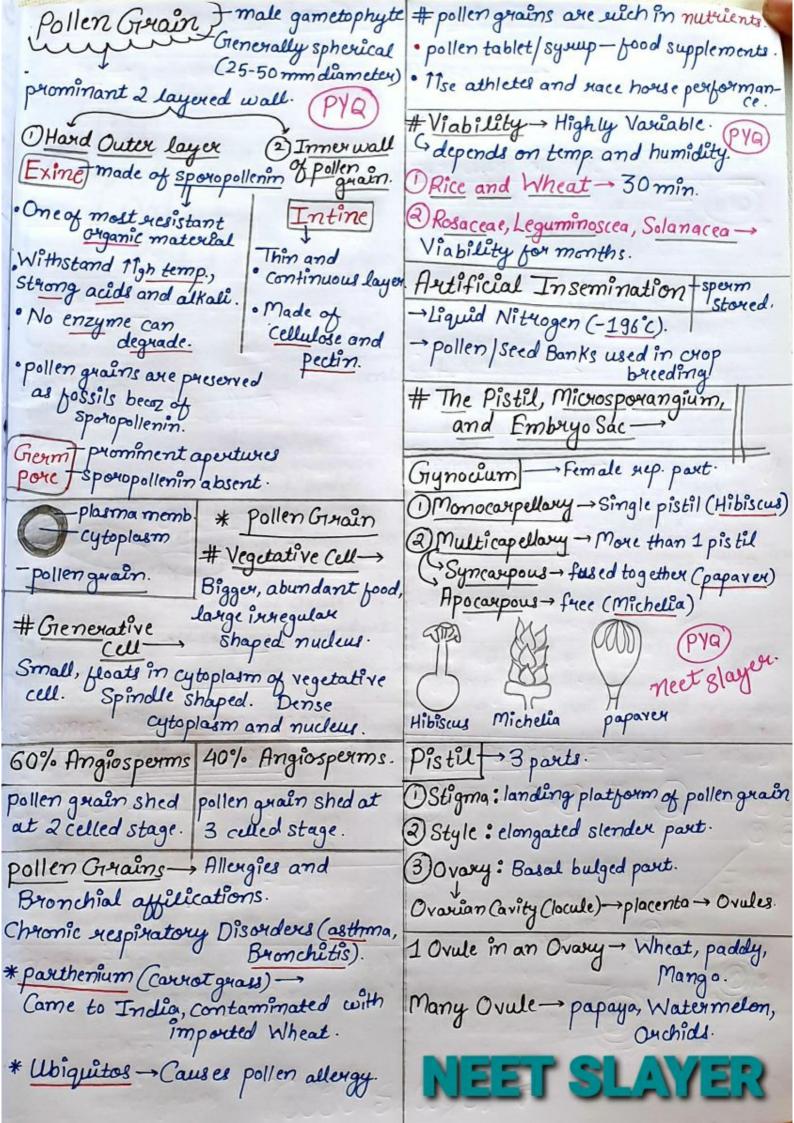
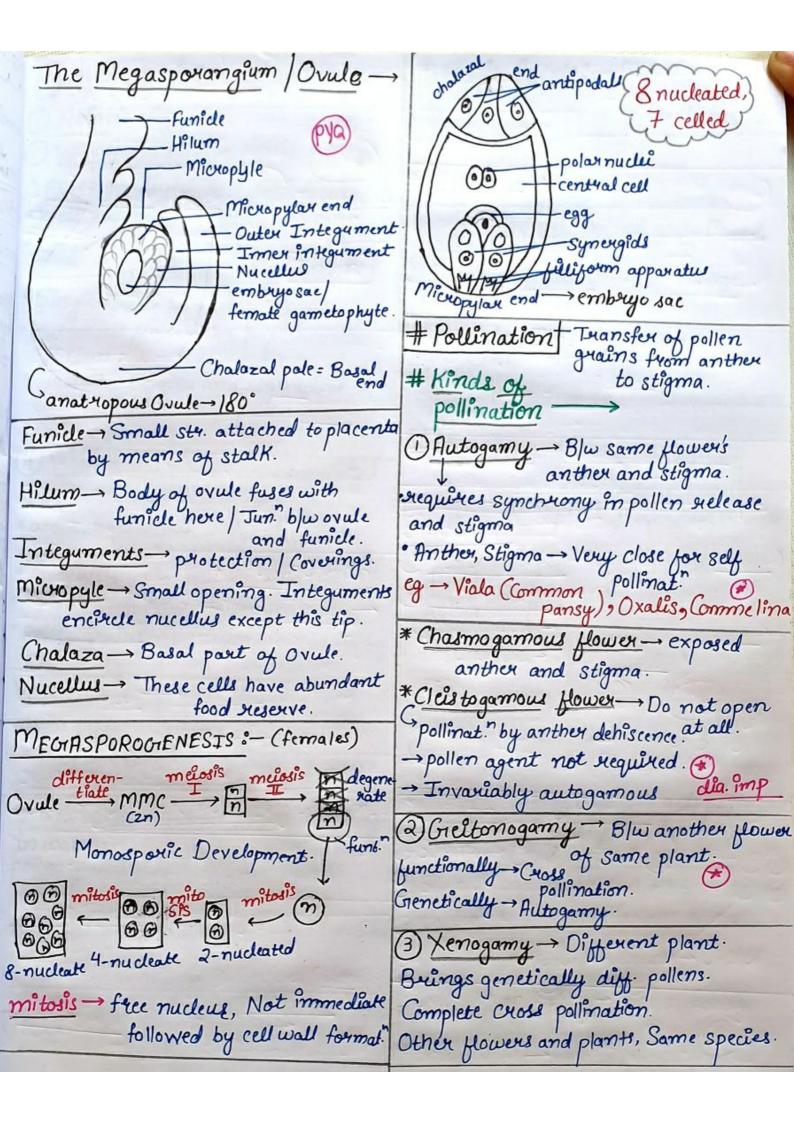
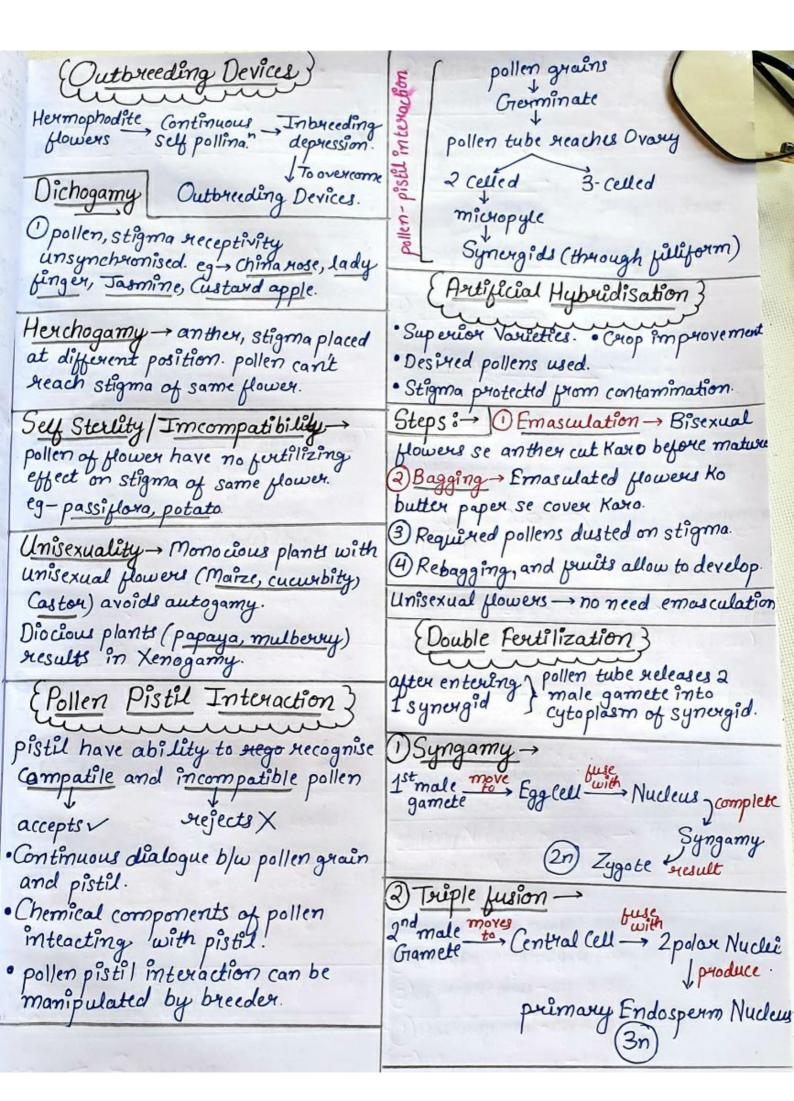
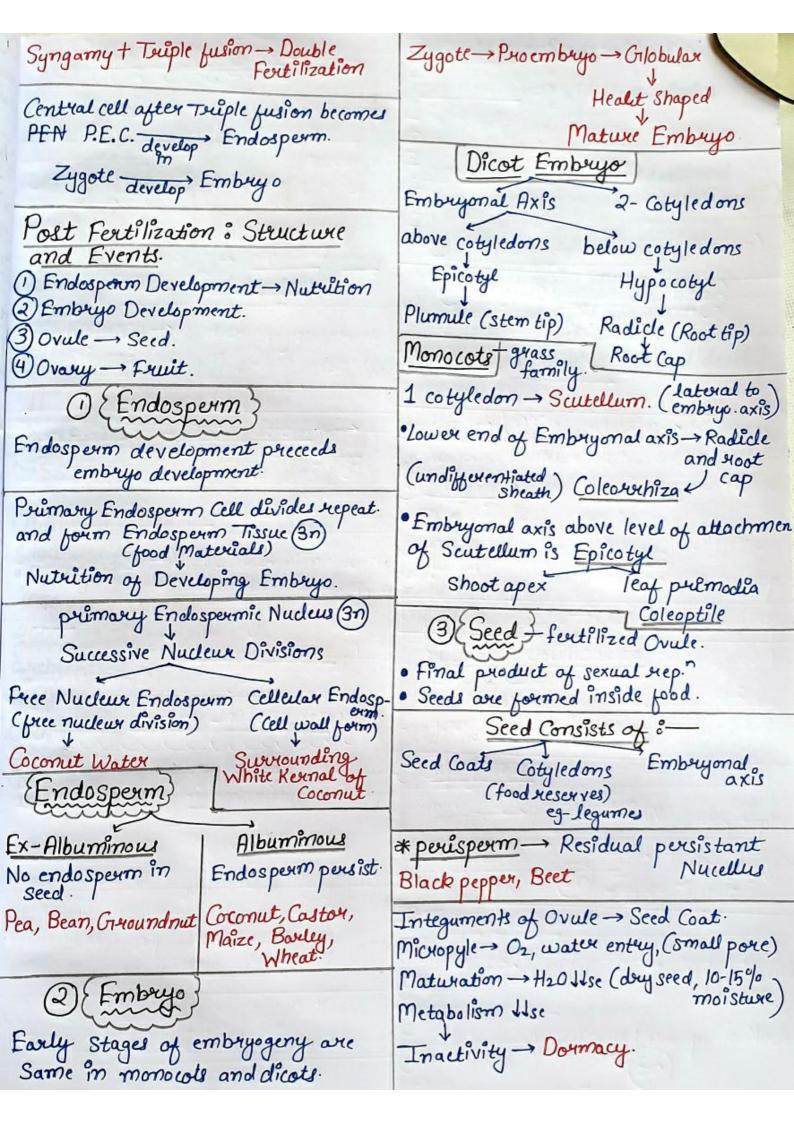
SEXUAL RERODUCTION IN FLOWERING Dehiscence PLANTS ... flowers - Objects of aesthetic, ornamental, social, religional and Ruptwing of anther. cultural value. Line of dehiscence - Stomeum. · Symbols for conveying human Structure of Microsponangium feelings, Love V, affection, happiness ... Sweended by 4 walls - Pro out DEpidermis protection and anther, Dendothedum dehiscence of anther, to release pollen. In Tapetum - innermost Gnowishel developing pollen grain. · Biologist → Flowers are morphological and embryological marvels of sexual Floriculture - growing and marketing flowers. Cells of tapetum -dense cytoplasm, Bisexual stigma and generally have more than one nucleus. flower filament nectiferaus area Thallamus Ovary Sepals Sporogenous Tissue - group of compactly microspore Tetrad microspore Tetrad -anther mature, microspore develop Pollen grains-released during dehiscence of anther. * Male rep. str. - Androcum (whorl of stamens). * Female rep? str. -> Gunocum. * each cell of sporogenous tissue is capable of giving ruse to tetrad. * each one is potential/microspore mother cell. * Female sep? str. -> Gynocium. Stamen, Microsporangium and * MICROSPOROGIENESIS: - (Males) Pollen grain. Stament (long and stalk) Anther (terminal, bilobed ste.) meiocyte proximal end of filament → attached to thallamus / petal of flower. Intine exine The state of + Exine Anther 3 Bilobed, Dithecous (2 theca), 4 microsporangia (2 in each lobe) plasma mem porce germ porce Pollen sac nect slayer pollen grains





2) Biotic Agents: → Majority. Agents of Pollination: 1) By animals - Bees, Butterfly, beetles, ① Abiobic Agents: → (uncertain) wasps, ants, moth, bird, bats... among insects - Bees dominant. (1) Wind Pollination (Anemophily) 2) Large Animall-primates, lemus, · pollens - light and non-sticky. anboneal, nodents, Reptiles (gecko lizand, garden lizands). · Well exposed stamens. Large feathery stigma (to easily trap air borne pollens). 3) Insect pollinated flowers - Large, Colowful, fragnant, such nector. · Single Ovule in each Ovary.
· Numerous flowers in infloroscence 4) Small flowers -> Cluster into inflorescence → Conspicious. eg-Coun cob · Tassels → Stigma and style wave in wind to trap pollen. 5) Animale attract by - Colows, fragrance, nectar. · Quitt common in grasses. 6) Flowers -> Secrete foul odown provide nectour, pollen grains as newarde animal coated anther pollen stigma (ii) Water Pollination (Hydrophily) • quite rare (limited to 30 genera, mostly monocots).
• algal, bryophytes, pteridophytes.
• eg-Vallisneria and Hydrilla (water) · eg → Zostera (movime sca grasses) pollen grains - protected from water by mucilaginous covering. * Saje Places (Rewards) -> to lay eggs. Tallest flower-> Amorphophallus (6 jects) Vallisneria - female flower - long Stalk. Pollen grains - surface of water They are carried passively by water currents. Moth and Yucca plant - can't complete life cycle without each other. Moth eggs locule of Ovary - gets pollinated as seeds start developing, larvae of moth comes out. Sea Grasses - female flower submerge pollen grains → long rubbon, coviled passively înside water. Pollen Nector Robbers - They consume pollen or Nectar, and inturn do not pollinate flower. Not all aquatic plants do water pollina. Water Hyacint and Water lily pollinated by insects or wind. 1) Entamophily - by insects 2 Ornithophily - by birds Wind and water pollinated flowers C No Colour, No nectar (3) Chireptophily-by bats 4) Malacophily-by snall, slugs (5) Myrmecophily - by ants neet Slayer.







Apomixis + Seeds without pertilization Form of asexual rep." that mimics sexual rep." Asteraceae, Grasses. (2n) egg cell formed w/o reductional division develop into Embryo ("/o fertili") Polyembryony >> >1 embryo in Seed. each ovule contain many embryo. · Some Nuclear Cells surrounding Embryo Sac Start dividing, and protude into Embryo Sac and develop into Embryo's. Many Citrus and Mango Varieties. I took 8 howes, to prepare these notes for you. Дчора ♥.. Like, Share, Subsoube. NEET SLAYER

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link in description.