Roll-46, Akash Kinkar Pandey, Dept-CSE BIOLOGY Father of genetics is gregor Mendell. Mendell chose forden l'ea (l'um Sativum) for his pioneer engerment, this is because: i) Pea is an annual plant, ii) Both self and cross pollination is possible. 111) After crossing, numerous progenies are obtained. Wrinkled Round Yellow X I favental Igeneration Law of Rryy Rryy Dominance Rryy Law of seggregation gamete formation L> Law of independent assortment

Behybrid Cross

R	RY	Ry	ed.	ry
RY	R. B. Yy	BR Ty	Rryy Round yottow	Rojed y
RY	RIZ 14	RRyy	Round	Round of
6 A	Round	Roy	rr 14 wrinked yellow	winked
ry	Round Jelfow Rryy	Round green Rryy	wrinked yellow rryy	winked green rryy
	The same of		The second second	,

Phenotype Ratio = 9:3:3:1 Yenotype Ratio = 1:2:2:4:1:2:1