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(B)	Choose correct alternative.	(x) What is mutation?
	(v) True breeding for a specific heriditary character is called	(xi) Mentioned two plant varieties improved by polyploidy.
	(a) Heterozygous (b) Homozygous	(xii) Define Heterosis.
	(c) Both (d) None of the above $\frac{1}{2}$	
	(vi) The distance to be maintained between	2. Discuss in detail pureline selection. Comment on
	the seed crop and the contaminant is called	its procedure, field technique and advantages and limitations.
	(a) Safe distance (b) Isolation distance	OR
	(c) Linear distance (d) None of the	Discuss in brief :-
	above $\frac{1}{2}$	(a) Achievements of clonal selection. 6
	(vii) Clonal selection is found in	
	(a) Rice (b) Maize	(b) Acclamatization.
	(c) Sugarcane (d) Wheat $\frac{1}{2}$	3. Explain :
	(viii) Polyploidy shows set of	3. Explain :—
	chromosomes.	(a) Advantages and limitations of hybridization.
	(a) n (b) 2n	. 4
	(c) 4n (d) None of the	(b) Double cross hybrids. 4
	above. $\frac{1}{2}$	(c) Classification of mutation. 4
(C)	Answer the following questions in one sentence.	OR
	(ix) What is synthetic seed?	(p) Achievements through induced mutations. 4
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6.	Com	ment on :	
	(a)	Self incompatibility.	4
	(b)	Seed village concept.	4
	(c)	Hybrid seed production by emasculation.	4
		OR	
	(m)	Factors affecting seed production.	4
	(n)	Improvement of pollination in seed production of legumes.	on 4
	(0)	Insect pest and disease incidence.	4
7.	Expl	ain :	
	(a)	Harvesting and threshing of Rice.	4
	(b)	Seed plot technique of potato.	4
	(c)	Agronomic management in Groundnut.	4
		OR	
	(m)	Seed production procedure in mustard.	4
	(n)	Production of hybrid potato seeds.	4
	(o)	Harvesting and threshing of Bajara.	4

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