Seat No:_____ Enrollment No:_____

PARUL UNIVERSITY

COLLEGE OF AGRICULTURE

B.Sc.(Hons.) Summer-2021 - 22 Examination

Instructions 1. All questions are compulsory. 2. Figures to the right indicate full marks. 3. Make suitable assumptions wherever necessary. 4. Start new question on new page. Q.1 Do as Directed. A. Fill in the blanks. (Each of 0.5 marks) 1. Isolation distance for foundation seed in hybrid sorghum is	Semester: 4 Subject Code: 20102252 Subject Name: Principle of seed technology	Date:12/03/2022 Time:10:30am to 1:00pm Total Marks: 50			
1. All questions are compulsory. 2. Figures to the right indicate full marks. 3. Make suitable assumptions wherever necessary. 4. Start new question on new page. Q.1 Do as Directed. A. Fill in the blanks. (Fach of 0.5 marks) 1. Isolation distance for foundation seed in hybrid sorghum is 2. Physical purity of pearl millet certified seed is 3. PPVFR stands for 4. Only——variety is allowed for seed certification. 5. Seed standards of moisture wis in maize is— 6. Certified seed is the progeny of — 7. Ability to germinate into normal seedling is called as—— 8. R line is called as ———————————————————————————————————					
2. Figures to the right indicate full marks. 3. Make suitable assumptions wherever necessary. 4. Starn new question on new page. Q.1 Do as Directed. A. Fill in the blanks. (Each of 0.5 marks) 1. Isolation distance for foundation seed in hybrid sorghum is 2. Physical purity of pearl millet certified seed is 3. PPVFR stands for 4. Only					
3. Make suitable assumptions wherever necessary. 4. Start new question on new page. Q.1 Do as Directed. A. Fill in the blanks. (Each of 0.5 marks) 1. Isolation distance for foundation seed in hybrid sorghum is	* *				
4. Start new question on new page. Q.1 Do as Directed. A. Fill in the blanks. (Each of 0.5 marks) 1. Isolation distance for foundation seed in hybrid sorghum is					
Q.1 Do as Directed. A. Fill in the blanks. (Each of 0.5 marks) 1. Isolation distance for foundation seed in hybrid sorghum is					
A. Fill in the blanks. (Each of 0.5 marks) 1. Isolation distance for foundation seed in hybrid sorghum is					
1. Isolation distance for foundation seed in hybrid sorghum is 2. Physical purity of pearl millet certified seed is 3. PPVFR stands for 4. Only	Q.1 Do as Directed.				
2. Physical purity of pearl millet certified seed is	A. Fill in the blanks. (Each of 0.5 marks)	(05)			
2. Physical purity of pearl millet certified seed is	1. Isolation distance for foundation seed in hyb	rid sorghum is			
4. Only	2. Physical purity of pearl millet certified seed	is			
5. Seed standards of moisture % in maize is————————————————————————————————————	3. PPVFR stands for				
6. Certified seed is the progeny of 7. Ability to germinate into normal seedling is called as 8. R. line is called as 9. Synchronization of male and female parent is called as 10. Germination % of certified seed in wheat is 10. Germination % of certified seed is wheat is 10. Certification is required for 10. Certified seed 10. Certified seed 10. Certified seed 10. All the above 2. Improved seed includes 10. Foundation seed 10. Certified seed 10. All the above 2. Improved seed includes 10. Foundation seed 10. Certified seed 10. All the above 3. In hybrid pigeon pea, isolation distance for foundation seed is 10. So meter 10. Do meter 10. Certified seed Committee is located at 10. New Delhi 10. Mydrabad 10. Hydrabad 10. Hydrabad 10. Amongst the following which is the Sorghum Hybrid 10. Germination percentage for rice in certified seed production is 10. So meter 10. Germination percentage for rice in certified seed production is 10. So meter 10. O. 28% 10. O. 2% 1	4. Onlyvariety is allowed for seed ce	ertification			
7. Ability to germinate into normal seedling is called as 8. R line is called as	5. Seed standards of moisture % in maize is				
8. R line is called as	6. Certified seed is the progeny of				
9. Synchronization of male and female parent is called as	7. Ability to germinate into normal seedling is	called as			
10. Germination % of certified seed in wheat is— B. Multiple choice type questions. (Each of 0.5 mark) 1. Certification is required for a) Certification is required for a) Certified seed b) Breeder seed c) Nucleus seed b) Breeder seed d) All the above 2. Improved seed includes a) Foundation seed c) Breeder seed b) Certified seed c) Breeder seed d) All the above 3. In hybrid pigeon pea, isolation distance for foundation seed is a) 50 meter c) 5 meter b) 100 meter d) 200 meter 4. Central Seed Committee is located at a) New Delhi c) Banglore b) Mumbai c) Banglore b) Mydrabad 5. Amongst the following which is the Sorghum Hybrid a) Ganga-1 b) APRH-1 d) HB-1 6. Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7. Off type for foundation seed in brinjal is a) 0.1% b) 0.05% d) 1% 8. Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 9. Time isolation is allowed in a) Maize c) Paddy b) Soybean 10. Isolation distance required for certified seed production in hybrid rice a) 30 meter c) 100 meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	8. R line is called as				
B. Multiple choice type questions. (Each of 0.5 mark) 1. Certification is required for a) Certified seed b) Breeder seed d) All the above 2. Improved seed includes a) Foundation seed c) Breeder seed b) Certified seed d) All the above 3. In hybrid pigeon pea, isolation distance for foundation seed is a) 50 meter b) 100 meter c) 5 meter b) 100 meter d) 200 meter 4. Central Seed Committee is located at a) New Delhi b) Mumbai c) Banglore b) Mumbai c) CSH-1 b) APRH-1 d) HB-1 6. Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7. Off type for foundation seed in brinjal is a) 0.1% b) 0.05% d) 1% 8. Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 9. Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10. Isolation distance required for certified seed production in hybrid rice a) 30 meter b) 200 meter d) 400 meter	9. Synchronization of male and female parent is	s called as			
1.Certification is required for a) Certified seed b) Breeder seed d) All the above 2.Improved seed includes a) Foundation seed c) Breeder seed b) Certified seed d) All the above 3. In hybrid pigeon pea, isolation distance for foundation seed is a) 50 meter c) 5meter b) 100 meter d) 200 meter 4. Central Seed Committee is located at a) New Delhi c) Banglore b) Mumbai d) Hydrabad 5.Amongst the following which is the Sorghum Hybrid a) Ganga-1 b) APRH-1 d) HB-1 6.Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7.Off type for foundation seed in brinjal is a) 0.1% b) 0.05% d) 1% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 b) 2 d) 5 9.Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter b) 200 meter d) 400 meter l) Home the production is hybrid rice a) 30meter c) 100 meter d) 400 meter l) Home the production is hybrid rice a) 30meter c) 100 meter d) 400 meter l) Fougeny of foundation seed is called as a) Nucleus seed b) Foundation seed	10. Germination % of certified seed in wheat is-				
a) Certified seed b) Breeder seed d) All the above 2.Improved seed includes a) Foundation seed c) Breeder seed b) Certified seed d) All the above 3. In hybrid pigeon pea, isolation distance for foundation seed is a) 50 meter c) 5 meter b) 100 meter d) 200 meter 4. Central Seed Committee is located at a) New Delhi c) Banglore b) Mumbai d) Hydrabad 5.Amongst the following which is the Sorghum Hybrid a) Ganga-1 b) APRH-1 d) HB-1 6.Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7.Off type for foundation seed in brinjal is a) 0.1% b) 0.05% d) 1% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 b) 2 d) 5 9.Time isolation is allowed in a) Maize b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30 meter b) 200 meter d) 400 meter b) 200 meter d) 400 meter	B. Multiple choice type questions . (Each of 0.5 mar	(10)			
b) Breeder seed d) All the above 2.Improved seed includes a) Foundation seed c) Breeder seed b) Certified seed d) All the above 3. In hybrid pigeon pea, isolation distance for foundation seed is a) 50 meter c) 5 meter b) 100 meter d) 200 meter 4. Central Seed Committee is located at a) New Delhi c) Banglore b) Mumbai d) Hydrabad 5. Amongst the following which is the Sorghum Hybrid a) Ganga-1 c) CSH-1 b) APRH -1 d) HB-1 6. Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7. Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8. Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9. Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10. Isolation distance required for certified seed production in hybrid rice a) 30 meter c) 100 meter b) 200 meter d) 400 meter	1.Certification is required for				
2.Improved seed includes a) Foundation seed c) Breeder seed b) Certified seed d) All the above 3. In hybrid pigeon pea, isolation distance for foundation seed is a) 50 meter c) 5meter b) 100 meter d) 200 meter 4. Central Seed Committee is located at a) New Delhi c) Banglore b) Mumbai d) Hydrabad 5.Amongst the following which is the Sorghum Hybrid a) Ganga-1 c) CSH-1 b) APRH -1 d) HB-1 6.Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7.Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9.Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30 meter c) 100 meter b) 200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	a) Certified seed	c) Nucleus seed			
a) Foundation seed b) Certified seed d) All the above 3. In hybrid pigeon pea, isolation distance for foundation seed is a) 50 meter b) 100 meter d) 200 meter 4. Central Seed Committee is located at a) New Delhi c) Banglore b) Mumbai d) Hydrabad 5. Amongst the following which is the Sorghum Hybrid a) Ganga-1 c) CSH-1 b) APRH-1 d) HB-1 6. Germination percentage for rice in certified seed production is a) 80% b) 90% c) 85% b) 90% 7. Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8. Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 b) 2 d) 5 9. Time isolation is allowed in a) Maize b) Soybean d) Sorghum 10. Isolation distance required for certified seed production in hybrid rice a) 30 meter c) 100 meter b) 200 meter b) 200 meter d) 400 meter b) Foundation seed b) Foundation seed	b) Breeder seed	d) All the above			
b) Certified seed 3. In hybrid pigeon pea, isolation distance for foundation seed is a) 50 meter c) 5meter b) 100 meter d) 200 meter 4. Central Seed Committee is located at a) New Delhi c) Banglore b) Mumbai d) Hydrabad 5. Amongst the following which is the Sorghum Hybrid a) Ganga-1 c) CSH-1 b) APRH -1 d) HB-1 6. Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7. Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8. Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9. Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10. Isolation distance required for certified seed production in hybrid rice a) 30 meter c) 100 meter b) 200 meter c) 100 meter d) 400 meter b) Foundation seed is called as a) Nucleus seed b) Foundation seed	2.Improved seed includes				
3. In hybrid pigeon pea, isolation distance for foundation seed is a) 50 meter c) 5meter b) 100 meter d) 200 meter 4. Central Seed Committee is located at a) New Delhi c) Banglore b) Mumbai d) Hydrabad 5. Amongst the following which is the Sorghum Hybrid a) Ganga-1 c) CSH-1 b) APRH -1 d) HB-1 6. Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7. Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8. Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9. Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10. Isolation distance required for certified seed production in hybrid rice a) 30 meter c) 100 meter b) 200 meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	a) Foundation seed	c) Breeder seed			
a) 50 meter c) 5meter b) 100 meter d) 200 meter 4. Central Seed Committee is located at a) New Delhi c) Banglore b) Mumbai d) Hydrabad 5. Amongst the following which is the Sorghum Hybrid a) Ganga-1 c) CSH-1 b) APRH -1 d) HB-1 6. Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7. Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8. Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9. Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10. Isolation distance required for certified seed production in hybrid rice a) 30 meter c) 100 meter b) 200 meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	b) Certified seed	d) All the above			
b) 100 meter 4. Central Seed Committee is located at a) New Delhi b) Mumbai c) Banglore b) Mumbai d) Hydrabad 5. Amongst the following which is the Sorghum Hybrid a) Ganga-1 c) CSH-1 b) APRH -1 d) HB-1 6. Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7. Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8. Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9. Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10. Isolation distance required for certified seed production in hybrid rice a) 30 meter c) 100 meter b) 200 meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed					
4. Central Seed Committee is located at a) New Delhi b) Mumbai c) Banglore d) Hydrabad 5. Amongst the following which is the Sorghum Hybrid a) Ganga-1 c) CSH-1 b) APRH -1 d) HB-1 6. Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7. Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8. Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9. Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10. Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b) 200 meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	•				
a) New Delhi c) Banglore b) Mumbai d) Hydrabad 5.Amongst the following which is the Sorghum Hybrid a) Ganga-1 c) CSH-1 b) APRH -1 d) HB-1 6.Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7.Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9.Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30 meter c) 100 meter b) 200 meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed		d) 200 meter			
b) Mumbai d) Hydrabad 5.Amongst the following which is the Sorghum Hybrid a) Ganga-1 c) CSH-1 b) APRH -1 d) HB-1 6.Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7.Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9.Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 3 0 meter c) 100 meter b) 200 meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed					
5. Amongst the following which is the Sorghum Hybrid a) Ganga-1 b) APRH -1 d) HB-1 6. Germination percentage for rice in certified seed production is a) 80% b) 90% c) 85% b) 90% d) 75% 7. Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8. Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9. Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10. Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b) 200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	•	·			
a) Ganga-1 b) APRH -1 d) HB-1 6.Germination percentage for rice in certified seed production is a) 80% b) 90% c) 85% b) 90% d) 75% 7.Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9.Time isolation is allowed in a) Maize b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b) 200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	· ·				
b) APRH -1 6.Germination percentage for rice in certified seed production is a) 80% c) 85% b) 90% d) 75% 7.Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9.Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b)200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed					
6.Germination percentage for rice in certified seed production is a) 80% b) 90% d) 75% 7.Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9.Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b) 200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed		· ·			
a) 80% c) 85% b) 90% d) 75% 7. Off type for foundation seed in brinjal is a) 0.1% c) 0.2% b) 0.05% d) 1% 8. Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9. Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10. Isolation distance required for certified seed production in hybrid rice a) 30 meter c) 100 meter b) 200 meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	•	•			
b) 90% 7.Off type for foundation seed in brinjal is a) 0.1% b) 0.05% c) 0.2% b) 0.05% d) 1% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9.Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b)200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	-	-			
7.Off type for foundation seed in brinjal is a) 0.1% b) 0.05% d) 1% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9.Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b) 200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	·	·			
a) 0.1% b) 0.05% d) 1% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 c) 4 b) 2 d) 5 9.Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b) 200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed		d) 75%			
b) 0.05% 8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3 b) 2 c) 4 b) 2 d) 5 9.Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b)200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	* *	\ 0.20/			
8.Minimum number of inspections required in double cross hybrid seed production of pearl millet a) 3	·	,			
a) 3 c) 4 b) 2 d) 5 9.Time isolation is allowed in a) Maize c) Paddy b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b)200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	· · · · · · · · · · · · · · · · · · ·				
b) 2 9.Time isolation is allowed in a) Maize b) Soybean c) Paddy d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b)200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed	• •				
9.Time isolation is allowed in a) Maize b) Soybean 10.Isolation distance required for certified seed production in hybrid rice a) 30meter b)200meter c) 100 meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed		·			
a) Maize b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter b)200meter c) 100 meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed		d) 5			
b) Soybean d) Sorghum 10.Isolation distance required for certified seed production in hybrid rice a) 30meter c) 100 meter b)200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed		a) Doddy			
10.Isolation distance required for certified seed production in hybrid rice a) 30meter b)200meter c) 100 meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed		· · · · · · · · · · · · · · · · · · ·			
a) 30meter c) 100 meter b)200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed					
b)200meter d) 400 meter 11. Progeny of foundation seed is called as a) Nucleus seed b) Foundation seed					
11. Progeny of foundation seed is called asa) Nucleus seedb) Foundation seed	·				
a) Nucleus seed b) Foundation seed	· · · · · · · · · · · · · · · · · · ·	u) 400 meter			
·		h) Foundation seed			
		· ·			

	12	ISTA stands for			
	12.	a) Indian standard time agency	b)	Indian seed testing agency	
		c) International seed testing association		None of above	
	13.	Physical purity required in chick pea variety			
		a) 98%	b)	100%	
		c) 95%	d)	90%	
	14	Nucleus seed production is carried out by			
		a) Farmer	b)) NSC	
		c) Certification Agency	d)) Breeder	
	15.				
		a) Golden yellow) White	
		c) Blue	d)) Red	
	16.	1			
		a) Loose smut	,) Cover smut	
	1.7	c) Powdery mildew	d)) All the above	
	17	Seed drying is important to maintain its	1 \	\ DI ' 1 '	
		a) Genetic purity		Physical purity	
	10	c) Seed viability and vigour	a,	None of the above	
	18.	GOT is done to verify a) Physical purity	h'	Constitution	
		c) Germination	d)	o) Genetic purity l) Moisture	
	19	Certified seed of Maize should have minimum	,	•	
	1)	a) 70%		b) 80%	
		c) 60%		1) 90%	
	20.	A line is called as	۵,	2070	
	_0.	a) Male sterile line	b) Restorer line	
		c) Maintainer line		None of the above	
Q.2	Do	as Directed.			
A	. Def	ine the following. (Any five)			(05)
	1.S	eed Inspection			
		enetic purity			
		olation distance			
		eed Treatment			
		ingle cross			
		eed Technology			
D	7.S				(05)
Б		swer the following. (Any Five) Vrite the formula for Real value of seed			(05)
		Write in which crop time isolation is allowed.			
		rite types of seed processing.			
		rite types of seed processing. Vrite objective of seed technology			
		/rite classes of seed			
		which year Seed Act came into operation throu	igh th	he country in India.	
		hat is seed marketing.	U	•	
Q.3	Wr	ite short notes. (Any five)			(10)
		eed drying.			
		rocedure of seed production in wheat variety.			
		equirement of seed marketing.			
		uties of seed certification officer			
	5.M	laintenance and production of nucleus seed in se	elf po	ollinated crop.	
		haracters of good quality seed			
Q.4		empt any Three/Long Questions/Example			(15)
		eed certification process			
		lachinary and building required in seed processi	ng		
		Vrite factors affecting seed marketing	1		
	4. W	rite procedure of hybrid seed production in pad	dy.		