

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
<b>School of Agriculture</b> <b>Back Paper Examination Even Semester (Non - Graduating Batches) – June 2024</b> <b>[Programme: B.Sc. (Hons.)Agriculture ] [Semester: I ] [Batch: ]</b>				
Course Title: Principles of Seed Technology		Max Marks: 100		
Course Code: A1UA405B / AGRI2015		Time: 3 Hrs.		
<b>Instructions:</b>	1. All questions are compulsory. 2. Assume missing data suitably, if any. X`			
		K Level	COs	Marks
<b>SECTION-A (15 Marks)</b>		<b>5 Marks each</b>		
1.	When was National Seeds Corporation (NSC) and Indian Society of seed technology (ISST) established and where are both these organizations located?	KL1	CO1	5
2.	When was ICAR-Indian Institute of Seed Science (IISS) and National Seed Research and Training Centre (NSRTC) established and where are both these organizations located?	KL1	CO1	5
3.	Explain the terms: Hypogeal Germination and Epigeal Germination	KL2	CO2	5
<b>SECTION-B (40 Marks)</b>		<b>10 Marks each</b>		
4.	Explain the terms: seed index, test weight, roguing, seed act	KL2	CO2	10
5.	Develop the steps of seed certification	KL3	CO3	10
6.	Outline the methods of seed viability testing	KL3	CO3	10
7.	Assume the reasons of crop variety deterioration	KL4	CO4	10
<b>SECTION-C (45 Marks)</b>		<b>15 Marks each</b>		
8.	State the functions of seed inspectors.	KL4	CO4	15
9.	Interpret the meaning of seed dormancy and mention its types	KL5	CO5	15
10	Interpret the meaning of seed purity and its different types.	KL5	CO5	15