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Course B.Voc, Program Agriculture
Subject: Seed, Soil and Fertilizer Management, Code: AGB-21302
Semester III

Time: 03 Hours**Max Marks: 70****Instructions to the Students:**

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of short answer type. All questions are compulsory. Each question carries 2 marks.
3. Section B comprises 8 long answer type questions out of which students must attempt any 5. Each question carries 10 marks.
4. Do not write anything on the question paper.

Q.No.	SECTION –A (SHORT ANSWER TYPE QUESTIONS)	Marks
1. a	Name any two types of seeds.	(2)
b	Write one difference between foundation and certified seeds.	(2)
c	What is germination of seed?	(2)
d	What is humus substance?	(2)
e	Write 2 differences between fertilizer and manure.	(2)
f	What is soil health card?	(2)
g	Give an example of Genetically modified seed.	(2)
h	What are the two physical properties of soil?	(2)
i	What is soil taxonomy?	(2)
j	What is soil profile?	(2)
SECTION –B (LONG ANSWER TYPE QUESTIONS)		
2.	Explain seed testing and the methods used for it.	(10)
3.	What is soil genesis? Explain the factors of soil formation.	(10)

4. Write a note on Genetically modified seeds and its advantages and disadvantages. (10)
5. What is Soil pollution? What are the causes and the preventive measures for it? (10)
6. What is soil organic matter and its importance? (10)
7. What is the nutrient requirements of various crops? Write a note on Integrated nutrient management fertilizers. (10)
8. What are the different types of fertilizers used? What is Soil amendments? (10)
9. What is the economics of the use of fertilizers? (10)

===END OF PAPER===