

THE KAVERY ENGINEERING COLLEGE*(An Autonomous Institution)*

UG/PG DEGREE END SEMESTER THEORY EXAMINATIONS, APRIL/MAY 2026

*Second Semester**Agricultural Engineering*

UAIT24201 - PRINCIPLES AND PRACTICES OF CROP PRODUCTION

*Regulations - 2024**Duration : 3 Hrs**Maximum : 100 Marks***PART - A (ANSWER ALL QUESTIONS) (Marks 10*2=20)**

<i>Q.No</i>	<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
1.	Define the term Agriculture.	L1	1	2
2.	What is meant by precipitation?	L2	1	2
3.	What is role of cropping system in crop production?	L1	2	2
4.	List our any four major millets.	L1	2	2
5.	What do you mean by Soil Contamination?	L2	3	2
6.	Why nutrient iron is necessary for a crop?	L2	3	2
7.	List out the historical oil seeds in India.	L1	4	2
8.	Name the importance of green manure.	L1	4	2
9.	What are citrus fruits? Give some examples.	L2	5	2
10.	Compare between hot beds and cold frame.	L2	5	2

PART - B (ANSWER ALL QUESTIONS) (Marks 5*16 = 80)

<i>Q.No</i>	<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
11.	a Explain in detail about the climate factors affecting crop production.	L2	1	16
	Or			
	b Discuss in detail about environmental modification and crop adaptation.	L3	1	16
12.	a Outline the following (i) Mono cropping (ii) Crop rotation.	L2	2	16
	Or			
	b How will you prepare nursery in the field to attain good yield?	L2	2	16
13.	a Illustrate the various step adopted in Fertigation processes.	L2	3	16
	Or			
	b Discuss in detail about classification of weeds and explain two in detail.	L2	3	16
14.	a Explain about any two cereal crops.	L2	4	16
	Or			
	b Describe in detail about green manure crops.	L2	4	16
15.	a Explain in detail about vegetable crop production.	L2	5	16
	Or			
	b What do you mean green house cultivation? Why it is considered important.	L2	5	16