



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

SEVENTH SEMESTER B. TECH (ELECTRONICS AND INSTRUMENTATION)

PROCTORED ONLINE END SEMESTER EXAMINATION Dec. 21/Jan. 22

SUBJECT: FARM AUTOMATION (ICE-4307)

TIME: 75 Mins

DATE: 29/12/2021

MAX MARKS 20

Note: Answer All questions.

1	A	Explain variable rate seeding with the help of a block diagram.	4
	B	What is MOSAICC? Explain briefly.	3
	C	Illustrate how remote sensing can play an important role in precision farming.	2
2	A	What are the main components of the MOSAICC platform? Explain with block diagram.	5
	B	Describe the different methods of irrigation scheduling.	3
	C	What is regenerative agriculture? What are its principals and why is it important?	3