

Reg.No. _____



Karunya UNIVERSITY

(Karunya Institute of Technology & Sciences)
(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

End Semester Examination – Nov/Dec – 2016

Code : **14ME3025** Semester : **2016-17 ODD**
Sub. Name : **MANUFACTURING SYSTEM AND SIMULATION** Duration : **3hrs**
Max. marks : **100**

ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)

Q. No.	Sub Div.	Questions	Course Outcome	Marks
1.	a.	Describe briefly about Manufacturing system and types.. (OR)	1	20
2.	a.	Explain transfer lines and sequencing with a examples.	1	20
3.	a.	Explain the process of assembly lines in manufacturing (OR)	2	20
4.	a.	Enumerate the step by step process in flexible manufacturing system.	2	20
5.	a.	Discuss in detail about group technology with a layout. (OR)	2	20
6.	a.	Explain the various distribution techniques.	3	20
7.	a.	Explain the techniques for generating Random numbers. (OR)	3	20
8.	a.	Write the different concepts in discrete event simulations <u>Compulsory:</u>	3	20
9.	a.	What are the steps in two server queuing simulation?	3	20

ALL THE BEST