Total No. of Printed Pages:01

SUBJECT CODE NO:- H-1641
FACULTY OF ENGINEERING AND TECHNOLOGY
ME (CSE/SE)
Performance Analysis & Simulation
(REVISED)

[Time: Three Hours]   **[Max.Marks:80]**

Please check whether you have got the right question paper.
N.B   i.   Attempt any two questions from each section.
           ii.   Assume suitable data, if necessary and state it clearly.

Section A

Q.1	a)	Explain any ten common mistakes observed frequently in performance evaluation.	10
	b)	Explain commonly used performance metrics.	10
Q.2	a)	Explain principle components analysis.	10
	b)	Explain types of workloads.	10
Q.3	a)	Explain basic components of a simulation and modeling of CAN.	10
	b)	Explain operating system components and system architecture with example.	10

Section B

Q.4	a)	Explain the steps involved in a simulation study.	10
	b)	Explain system and its components.	10
Q.5	a)	Explain the properties of random numbers.	10
	b)	Explain hypothesis testing.	10
Q.6	a)	Explain calibration and validation of models.	10
	b)	Explain input output validation using historical data and tuning test.	10

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