

Q.No	Question Content	Question Image	Category	Sub Category	Marks	Type	Difficulty	Correct	Option1	Option2	Option3	Option4
14	If the derivative of the objective function is a polynomial of order N and has roots which are repeated thrice, then _____ many stationary points exist for the objective function.		Glossary III	Glossary III	2	Single Choice	Brilliant	N-2	Continuous	$-\infty$;	N-2	
15	The _____ distribution is sometimes used to describe the time between arrivals.		Glossary IV	Glossary IV	2	Single Choice	Brilliant	fundamental matrix F	fundamental matrix F	transition matrix	Poisson	
16	The _____ indicates the probability that an entity in the Markov process is in a particular state.		Glossary IV	Glossary IV	2	Single Choice	Brilliant	transition matrix	fundamental matrix F	transition matrix	Poisson	
17	The _____ determine(s) the equilibrium of a Markov process.		Glossary IV	Glossary IV	2	Single Choice	Brilliant	Poisson	fundamental matrix F	transition matrix	Poisson	
18	Successful use of the simulation approach requires both knowledge of the problem to be solved and knowledge of _____.		Glossary V	Glossary V	2	Single Choice	Brilliant	computer programming	computer programming	time-consuming, expensive	system simulation	
19	Development of a useful simulation model is often a(n) _____ and _____ task.		Glossary V	Glossary V	2	Single Choice	Brilliant	time-consuming, expensive	computer programming	time-consuming, expensive	system simulation	
20	The model used to train military personnel in urban warfare would be an example of _____.		Glossary V	Glossary V	2	Single Choice	Brilliant	system simulation	computer programming	time-consuming, expensive	system simulation	