Sanjay Ghodawat University, Kolhapur

2020-21

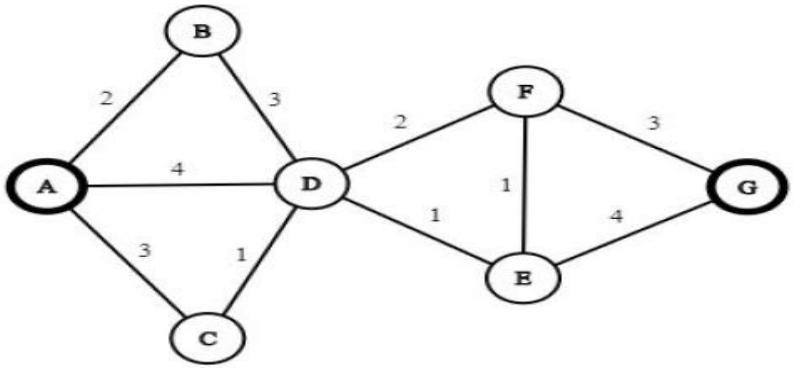
Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program: 2020-21 T.Y.B.Tech.	**School of Technology**	**Department: Computer Science & Engineering**
Course Code: CST 3143	**Course Title: Intelligent Systems**	**Semester: VI**
Day and Date:	**ReEnd Semester Examination (ESE)**	**Time:2 Hrs. Max Marks:50**

Instructions: 1) All Questions are Compulsory.
2) Figures to the right indicates full marks

		Marks	Bloom's Level	CO
Q.1	**Answer/Solve the following (any Two)**			
a)	Explain Uninformed Search technique using Breadth First Search& Depth First Search in detail.	8	L3	CO2
b)	Explain how the sequence of nodes explored by using A* informed search algorithm for the given graph.	8	L3	CO2



c)	Write a note on Heuristic Function in Artificial Intelligence Problem solving Search space strategy.	8	L2	CO1
Q.2	**Answer/Solve the following (any two) –**			
a)	Construct Unification techniques used for reasoning?	8	L3	CO3
b)	Discuss Probability and Conditional probability in Uncertainty?	8	L3	CO4
c)	Construct the Probabilistic reasoning with respect to representation of knowledge in Uncertain domain?	8	L3	CO4
Q.3	**Answer/Solve the following (any two) –**			
a)	Compare the similarities and differences between Planningand Problem solving in Artificial Intelligence?	9	L2	CO4
b)	Construct MYCIN as a Realtime Expert System?	9	L3	CO3
c)	Explain expert system work at knowledge engineering companies? Draw & Explain the schematic of expert system?	9	L3	CO4