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Daffodil International University

Department of Computer Science and Engineering

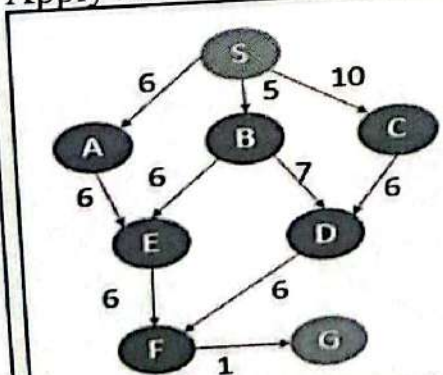
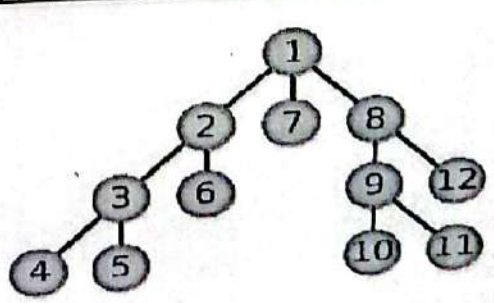
Faculty of Science & Information Technology

Fall 2026

Course Code: CSE315 (Day), Course Title: AI

Sections: & ID:

Time: 15 Min **Marks: 15**

1.	A medical diagnosis AI system makes decisions with incomplete patient information. What type of challenges will the agent face? Explain.	2
2.	If two AI agents have the same goal but use different strategies, how can we evaluate which agent is better?	2
3.	A robot must work in a changing environment. Why is a model-based agent more effective than a simple reflex agent?	2
4.	A search algorithm finds a solution quickly but the solution is not the best one. How would you evaluate this algorithm?	2
5.	Why is choosing the correct goal and problem formulation important before applying a search algorithm?	2
6.	An AI system can solve problems faster than humans but cannot understand emotions. Discuss whether speed alone is enough to define intelligence.	2
7.	Apply BS  Apply IDS,Root node A 	3