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Daffodil International University
Department of CIS, FSIT
Discrete Mathematics; Quiz 01; Semester: Fall 2026
Mark 15; Section: 24A Date: 11/10/2026 Duration: 25 Minutes

1. Draw the graph : C_6, K_4, pseudograph Graph [3]

2. Find out the in degree and out Degree of the graph fig. a. [4]

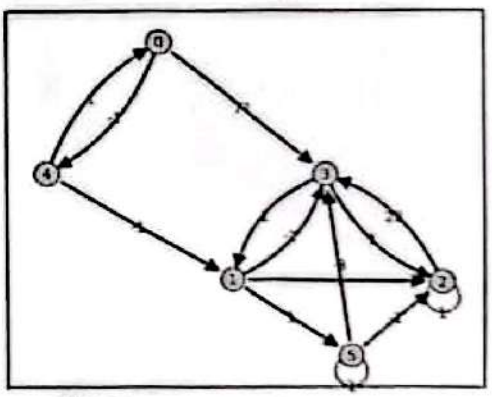


Fig. a.

3. Represent the directed graph from fig.a using proper graph representation technique. [3]

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4. Prove the hand shaking theorem using an example. [5]

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