Cairo University
Faculty of Engineering
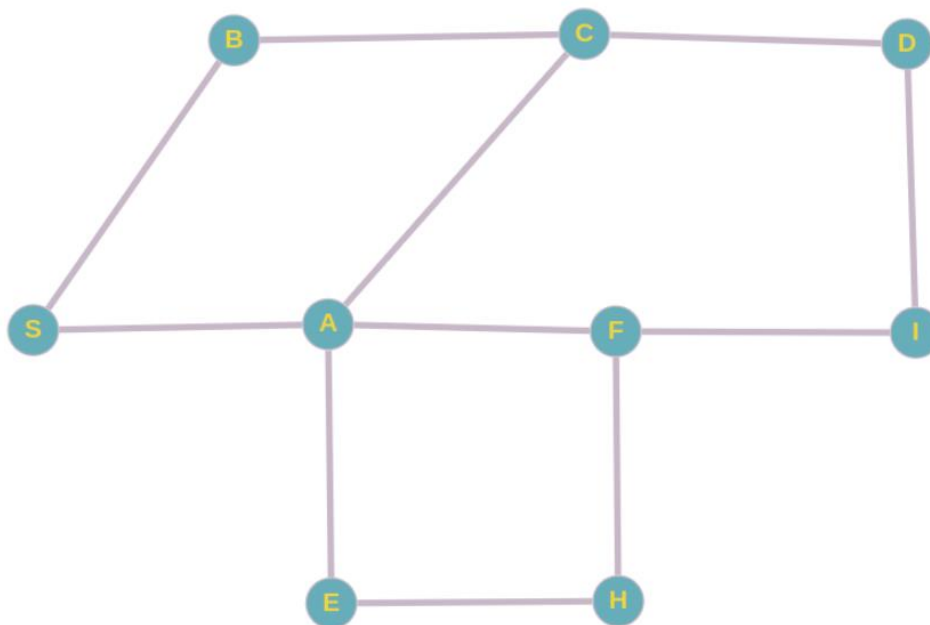Computer Engineering Dept.

Sheet 6: Routing

1. Compare proactive and reactive routing protocols.

2. Consider the following network. If node S wants to send a packet to node D using DSR. Node S has no prior knowledge of network topology. Assume that each node can directly communicate with any of its neighbors.
   a. Describe the route discovery process used by node S to find a route to node D.
   b. If node J gets in the range of [I,H] and wants to send a packet to A. Describe the route discovery.

3. Describe the route discovery process used by node S to node D using AODV.