"I acknowledge my responsibility and commitment to the exam rules of the university and I affirm that I will not give not receive any mouthorized help on this exam and that all work will be Hoseyin Veren Mican CSE 2025 1570119619 Hours A: B, 6; C, 16; D, 8 E: D,14; 6,19 F: C, 2; D, 12; 6,5 B: A, 6; D, 7 6:0,17; E,19; F,5 C: A,16; D,18; F,2 D: A, 8; B, 7; C, 18; E, 14; F, 12; 6, 17 16/18 12/5 6 (B) 14 (D) Ares AB | BD | DF | FC | F6 | OF |
-ength | 6 | 7 | 12 | 2 | 5 | 14 Total length = 46

ALBLCLOLE LFL6 Birory tree BAS (Overe) B, D, A, E, F, C, 6 OFS (Stokes) -> preorder NLR

(B, D, E, F, C, G, A) - DAS

Graphy 6=(V, E) disrepland graphs In-degree recorning out degree -> leaving Topological sort -s ocyclic / Breadth-first Search (OfS) Graph! tree'ge gevirme. Tree'g: yougon, solden soga, Herhong; but sireda yozobilir. Tree y: desturasome la cire Bf5: yourna siloss dogsis. Exploration: ton vederler: grande ve vygen boglonde, (Queve) Bir rade's drugge differine gerigoson yeryorun. Stepler: 681smbs yer Distres Alg - world on both Des vertestes digentre en Ersa gol (toplem) En Ersa gollar segip ilerle Not: Distra finds shortest path, Prim's finds MST. Topological Sort Look for nodes which has no incoming edge and degree O Sonra edgelein' sil! Agas serilde deven et, Queve-s bir sonrati node Prins Algo. -> Ody works undirected Prole a node Rircle olmical Krastal Algo