## سوال اول - کللیف درفت سافتهای داده ما- اسرحسیس میرادی - 365 302 الم

DA OF OG

(cill): cm/ dites the le com soim osts ciers

Preorder -> ABDHIECFG )
Inorder -> HDIBEAFCG )
Postorder -> HIDEBFGCA)

DFS for "F"  $\Rightarrow$   $H \rightarrow D \rightarrow I \rightarrow B \rightarrow E \rightarrow A \rightarrow F$  (2)

BFS for "H"  $\Rightarrow$   $A \rightarrow B \rightarrow C \rightarrow D \rightarrow E \rightarrow F \rightarrow G \rightarrow HI$  (>)

191 just (18) comis -> DFS => H-> D-> I-> B-> E-> A-> F-> C-> G

P95 just (18) comis -> BFS => A-> B-> C-> D-> E-> F-> G-> H-> I

[]=> A = (1) 3 3

(G) -> Elist=> 0 ins

(F) -> (lei) => ieo
(3) -> ieo
(3) -> ieo
(4) -> ieo
(5) -> ieo
(6) -> ieo
(7) -> ieo
(8) -> ieo
(8