AE,EG,GC,CB,EF

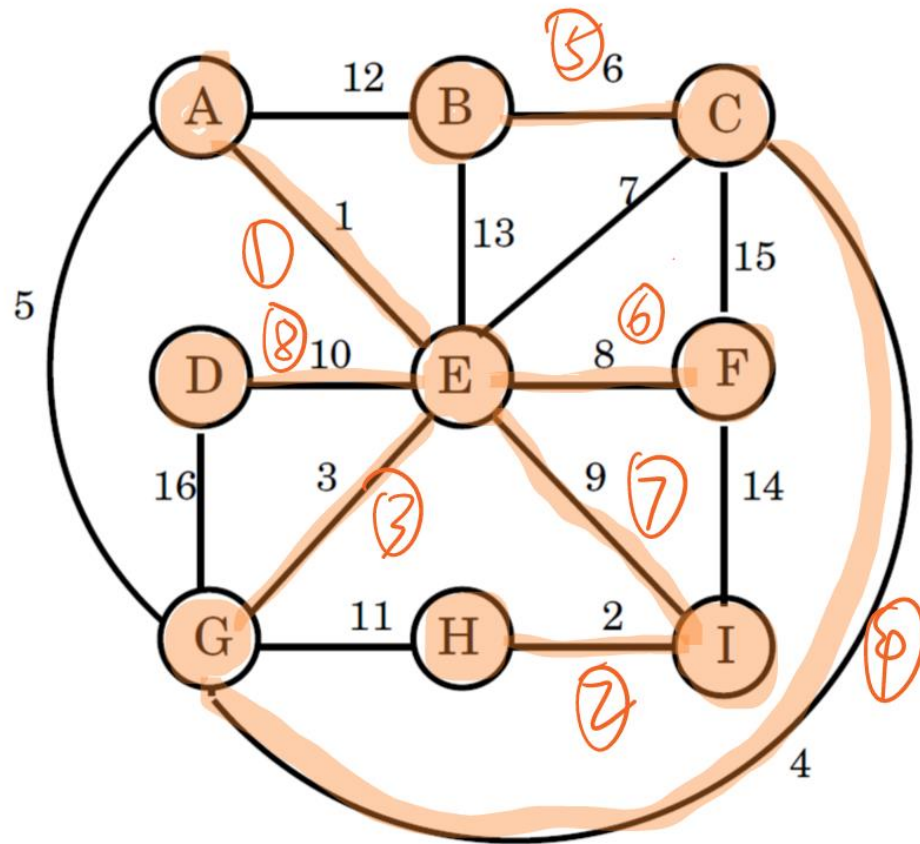AE,HI,EG,CG,BC,EF,EI,DE(red marked are the last five edges)