

GRAPH THEORY: CLASS 2

- 1) a) Find a $u - v$ trial that is not a $u - v$ path in figure 1.
b) For any graph G , is it possible to find a $u - v$ path that is not a $u - v$ trial.

- 2) Problem 1.12 page 17.
- 3) Problem 1.12 page 17.
- 4) Problem 2.3 page 36.
- 5) **Puzzle:** Place the letters A, B, C, D, E, F, G, H into the eight circles in figure 2, in such a way that no letter is adjacent to a letter that is next to it in the alphabet.