



COMSATS University Islamabad

Attock Campus

Department of Mathematics

Quiz/Assignment # 04

Class: BSM-II
Subject: Discrete Mathematics
Instructor: Dr. Atiq ur Rehman

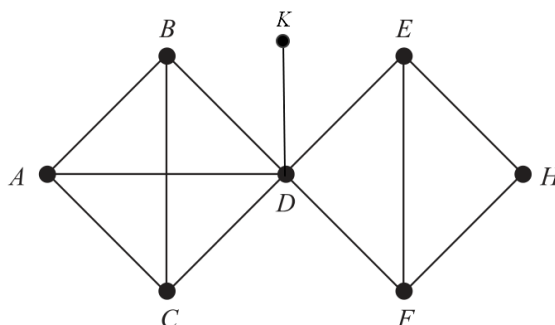
Due Date: 22-12-2020
Course Code: MTH211
Marks: 10

Instructions:

- Please name the PDF as **qa4-mth211-xyz**, where xyz is last three digits of your registration number (e.g. if your registration number is **sp20-bsm-041**, then name the as **qa4-mth211-041**) before submission.
- Similarity of a solution with other students may reduce your marks.
- Please make sure that the PDF is good before sending.
- Email PDF at atiq+mth211@cuiatk.edu.pk (any email address can be used for sending).

Question # 1

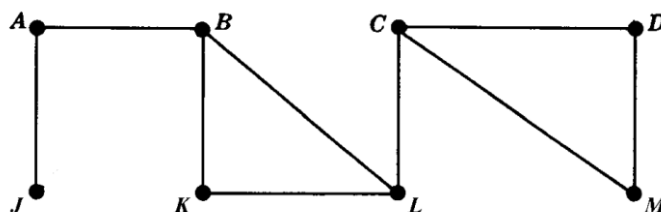
Consider the following graph as G .



- Draw the graph $G - D$.
- Let $e_{AB} = \{A, B\}$, that is, edge from A to B . Then draw $G - e_{AD}$.

Question # 2

Consider the following graph



- Write all simple path from A to C .
- Write $d(J, M)$.