



# COMSATS University Islamabad

Attock Campus

## Assignment # 03

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

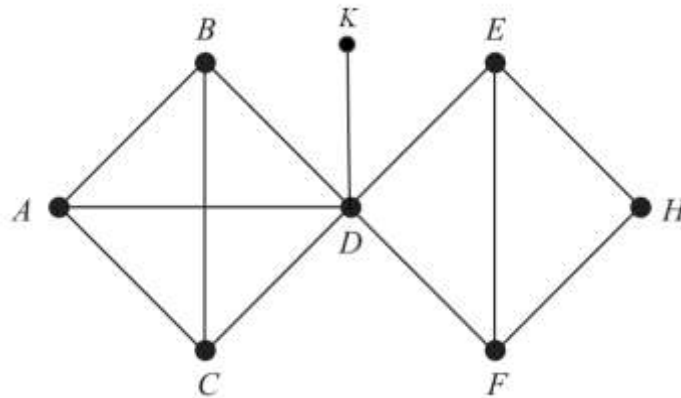
**Due Date:** 20-05-2021 (3:00PM)  
**Course Code:** MTH211  
**Marks:** 10

### Instructions:

- Please name the PDF as **a2-mth211-xyz**, where xyz is last three digits of your registration number (e.g. if your registration number is **fa20-bsm-051**, then name the as **a2-mth211-051**) 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](mailto: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  $G - e_{AD}$ .

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