

Saudi Arabia Kingdom  
Ministry of Higher Education  
King Khalid University  
Computer Science College



Subject: CSM 236  
Combinatorics

## Activity # 10

**Students Instructions:**

1. Solve all questions
2. The activity has 1 mark. (10/10 = 1)

Student Name:..... Student ID:.....

Group Number.....

**Q1: Draw tree diagram for tossing of three coins.**

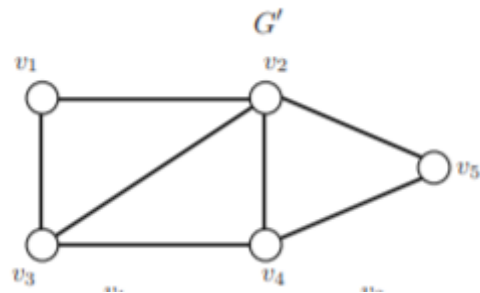
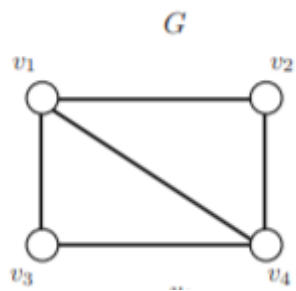
**(2 Marks)**

**Q2: A box has 1 red ball, 1 green ball and 1 blue ball, 3 balls are drawn from the box one after the other, without replacing the first ball drawn. Use the tree diagram to find the number of possible outcomes for the experiment.**

**(2 Marks)**

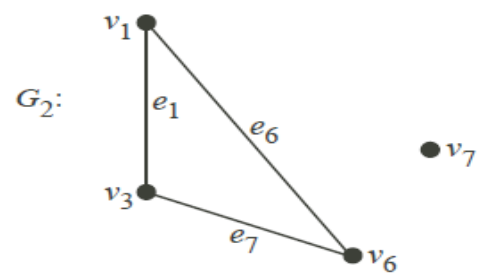
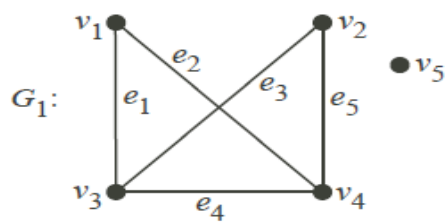
Q3. Find Ring Sum of  $G$  and  $G'$

(2 Marks)



Q4. Find Ring Sum of  $G_1$  and  $G_2$

(2 Marks)



**Q5. Draw tree diagram for throwing of dice**

**(2 Marks)**