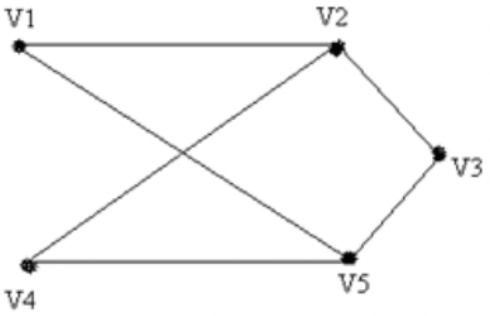

► **Simple graph**
► Complete graph
► Bipartite graph
► Both (i) and (ii)
► Both (i) and (iii)

Question No: 29 (Marks: 1) - Please choose one
An integer n is odd if and only if n = 2k + 1 for some integer k.

► **True (Page 187)**
► False
► Depends on the value of k

Question No: 30 (Marks: 1) - Please choose one
If $P(A \cap B) = P(A)P(B)$ then the events A and B are called

► **Independent (Page 272)**
► Dependent
► Exhaustive

FINALTERM EXAMINATION
Spring 2010
MTH202- Discrete Mathematics (Session - 1)

Question No: 1 (Marks: 1) - Please choose one
Whether the relation R on the set of all integers is reflexive, symmetric, antisymmetric, or transitive,
where $(x, y) \in R$ **if and only if** $xy \geq 1$

➢ Anti symmetric
➢ Transitive
➢ Symmetric
➢ **Both Symmetric and transitive**
http://www.maths.uq.edu.au/courses/MATH1061/wkbooksols/chap10/S10_5_3solution.htm