Suppose that a connected planar simple graph has 30 edges. If a plane drawing of this graph has 20 faces, how many vertices does the graph have?

► **12 (Page 318)**
► 13
► 14

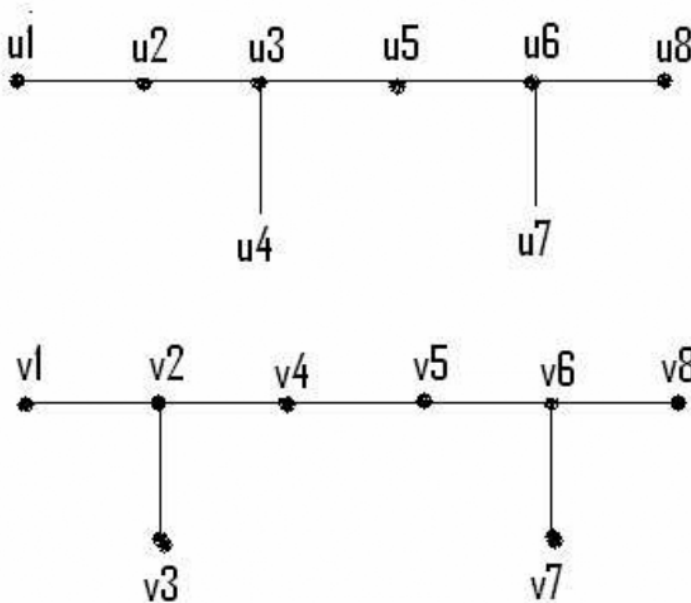**Question No: 21 (Marks: 1) - Please choose one**
How many different ways can three of the letters of the word BYTES be chosen if the first letter must be B ?

► **P(4,2)**
► P(2,4)
► C(4,2)
► None of these

Question No: 22 (Marks: 1) - Please choose one
For the given pair of graphs whether it is

► **Isomorphic**
► Not isomorphic

Question No: 23 (Marks: 1) - Please choose one
On the set of graphs the graph isomorphism is

► **Isomorphic Invariant (Page 307)**
► Equivalence relation
► Reflexive relation

Question No: 24 (Marks: 1) - Please choose one