

► **Simple graph**

- Complete graph
- Bipartite graph
- Both (i) and (ii)
- Both (i) and (iii)

Question No: 38 (Marks: 1) - Please choose one

An integer n is even if and only if $n = 2k$ for some integer k .

► **True (Page 187)**

- False
- Depends on the value of k

Question No: 39 (Marks: 1) - Please choose one

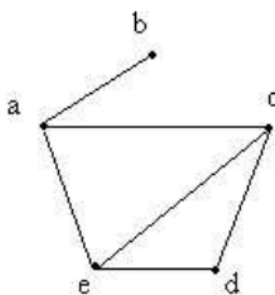
The word "algorithm" refers to a step-by-step method for performing some action.

► **True (Page 201)**

- False
- None of these

Question No: 40 (Marks: 1) - Please choose one

The adjacency matrix for the given graph is



- 0 1 1 0 0
- 1 0 0 1 0
- 1 0 0 1 1
- 0 0 1 0 1
- 1 0 0 1 0
- 0 1 1 0 1