

**Question No: 22 ( Marks: 1 ) - Please choose one**  
**The value of  $0!$  Is**

- ▶ 0
- ▶ **1 (Page 160)**
- ▶ Cannot be determined

**Question No: 23 ( Marks: 1 ) - Please choose one**  
**An arrangement of objects with the consideration of order is called**

- ▶ **Permutation (Page 219)**
- ▶ Combination
- ▶ Selection
- ▶ None of these

**Question No: 25 ( Marks: 1 ) - Please choose one**  
**Among 200 people, 150 either swim or jog or both. If 85 swim and 60 swim and jog, how many jog?**

- ▶ **125 (Page 241)**
- ▶ 225
- ▶ 85
- ▶ 25

**Question No: 26 ( Marks: 1 ) - Please choose one**  
**If a graph is a tree then**

- ▶ it has 2 spanning trees
- ▶ **it has only 1 spanning tree (Page 329)**
- ▶ it has 4 spanning trees
- ▶ it has 5 spanning trees

**Question No: 27 ( Marks: 1 ) - Please choose one**  
**Euler formula for graphs is**

- ▶  $f = e - v$
- ▶  $f = e + v + 2$
- ▶  $f = e - v - 2$
- ▶  **$f = e - v + 2$  (Page 317)**

**Question No: 28 ( Marks: 1 ) - Please choose one**  
**The given graph is**