**CHAPTER 3**

**Multi-way Branches**

**SELF-TEST QUESTIONS 3.2**

1. What is a nested statement?
2. Why do you need to indent a nested statement? Explain.
3. Why is braces important in nested statements?
4. What is the syntax for Multi-way if-else statement?
5. What is a switch statement in C++?
6. What is a controlling statement of a switch statement in C++? Give example.
7. What are the possible return type of a controlling statement in C++?
8. If you omit a break statement in switch what will happen? And does it have specific purpose?
9. What is a Block?
10. Could you explain what is a Scope rule? Give specific examples in terms of code in C++.