

8 Lecture - CS201

Important Mcqs

1. **What is a switch statement?**

- A) A type of conditional statement
- B) A type of loop statement
- C) A type of function definition
- D) A type of data type

Answer: A

2. **What is the purpose of a switch statement?**

- A) To compare two variables
- B) To execute different code blocks based on a match
- C) To loop through a series of values
- D) To define a function

Answer: B

3. **Which keyword is used to define a switch statement in Java?**

- A) for
- B) while
- C) switch
- D) do

Answer: C

4. **Which of the following is true about switch statements?**

- A) It can have multiple default cases
- B) It can only have one case
- C) It can only have one default case
- D) It cannot have a default case

Answer: C

5. **What happens if no case matches in a switch statement?**

- A) The program crashes
- B) The default case is executed
- C) The program skips the switch statement
- D) An error is thrown

Answer: B

6. **Which of the following data types can be used in a switch statement in C++?**

- A) char
- B) float

- C) double
- D) bool

Answer: A

7. **Can a switch statement be used with strings in Java?**

- A) Yes
- B) No

Answer: A

8. **Which keyword is used to exit a switch statement in Java?**

- A) break
- B) continue
- C) exit
- D) return

Answer: A

9. **Which of the following is an advantage of using switch statements?**

- A) It makes the code more complex
- B) It is slower than if-else statements
- C) It makes the code easier to read
- D) It cannot handle multiple cases

Answer: C

10. **Which of the following is a common use case for switch statements?**

- A) To sort data in ascending order
- B) To implement a recursive function
- C) To validate user input
- D) To create an infinite loop

Answer: C