# 23 Lecture - CS201

## **Important Mcqs**

- 1. What is the pre-processor in C programming?
  - a) A program that executes before the compiler
  - b) A part of the compiler that optimizes code
  - c) A program that executes after the compiler
  - d) A part of the compiler that performs type checking

## Answer: a

- 2. Which pre-processor directive is used to include header files in a C program?
  - a) #include
  - b) #define
  - c) #ifdef
  - d) #ifndef

### Answer: a

- 3. What does the #define directive do in C programming?
  - a) Defines a constant value or a macro
  - b) Includes a header file
  - c) Conditionally compiles code
  - d) Expands a pre-defined macro

### Answer: a

- 4. Which pre-processor directive is used to define a macro in C programming?
  - a) #define
  - b) #include
  - c) #ifdef
  - d) #ifndef

#### Answer: a

- 5. What is the purpose of the #ifdef directive in C programming?
  - a) To include a header file if a macro is defined
  - b) To exclude a block of code if a macro is not defined
  - c) To define a macro
  - d) To conditionally compile code

#### Answer: b

- 6. Which pre-processor directive is used to conditionally compile code based on a certain condition?
  - a) #define

- b) #include
- c) #ifdef
- d) #if

## Answer: d

- 7. What is the purpose of the #ifndef directive in C programming?
  - a) To define a macro
  - b) To include a header file if a macro is not defined
  - c) To exclude a block of code if a macro is defined
  - d) To conditionally compile code

## Answer: b

- 8. Which pre-processor directive is used to undefine a macro in C programming?
  - a) #undef
  - b) #define
  - c) #ifdef
  - d) #ifndef

## Answer: a

- 9. What does the #pragma directive do in C programming?
  - a) Specifies implementation-specific behavior
  - b) Defines a macro
  - c) Includes a header file
  - d) Expands a pre-defined macro

## Answer: a

- 10. Which pre-processor directive is used to generate code automatically based on templates or other input files?
  - a) #define
  - b) #include
  - c) #ifdef
  - d) #pragma

#### Answer: b