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