

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