1. What is the preprocessor directive used to include the contents of a file into a program?
   1. **#include**
   2. #define
   3. #ifdef
   4. #error
2. Which preprocessor directive is used to define a macro?
   1. **#define**
   2. #include
   3. #ifdef
   4. #pragma
3. The preprocessor directive #ifndef stands for:
   1. **If Not Defined**
   2. If Not Deleted
   3. If Not Detected
   4. If Not Done
4. Which of the following is not a standard predefined macro in C?
   1. DATE
   2. TIME
   3. STDC\_VERSION
   4. **FUNCTION**
5. What is the purpose of the #undef directive in the preprocessor?
   1. **Undefine a macro**
   2. Include a header file
   3. Define a macro
   4. Check if a macro is defined
6. Which preprocessor directive is used to concatenate two strings?
   1. #
   2. **##**
   3. $
   4. %
7. The preprocessor directive #ifdef stands for:
   1. If Preprocessor Defined
   2. **If Macro Defined**
   3. If Definition Exists
   4. If Defined
8. The preprocessor directive #elif is used as a short form of:
   1. #else
   2. #endif
   3. **#if**
   4. #define
9. Which preprocessor directive is used to check if a macro is defined or not?
   1. #if
   2. **#ifdef**
   3. #ifndef
   4. #undef
10. The preprocessor directive #pragma is used to:
    1. Define a macro
    2. Include a header file
    3. **Control compiler-specific features**
    4. Undefine a macro
11. What is the default value of LINE macro?
    1. Current system time
    2. **Current file name**
    3. Current line number
    4. Current function name
12. Which preprocessor directive is used to display an error message during compilation?
    1. #pragma
    2. **#error**
    3. #warning
    4. #define
13. The preprocessor directive #warning is used to:
    1. **Display a warning message during compilation**
    2. Undefine a macro
    3. Define a macro
    4. Check if a macro is defined
14. Which preprocessor directive is used to specify a file name and line number in an error message?
    1. **#line**
    2. #file
    3. #error
    4. #warning
15. What is the purpose of the #pragma directive?
    1. **Control compiler-specific features**
    2. Include a header file
    3. Define a macro
    4. Check if a macro is defined
16. The preprocessor directive #line is used to:
    1. **Specify the current line number**
    2. Specify the current file name
    3. Specify the current function name
    4. Specify the current system time
17. Which preprocessor directive is used to disable a piece of code during compilation?
    1. #ifdef
    2. #ifndef
    3. **#if 0**
    4. #undef
18. The preprocessor directive #pragma once is used to:
    1. **Include a header file only once**
    2. Define a macro only once
    3. Check if a macro is defined
    4. Undefine a macro
19. The preprocessor directive #include\_next is used to:
    1. **Include the next header file**
    2. Include the previous header file
    3. Include the same header file again
    4. Include the next available header file
20. Which preprocessor directive is used to disable a particular warning?
    1. #pragma disable
    2. **#pragma warning**
    3. #pragma once
    4. #pragma message
21. The preprocessor directive #pragma message is used to:
    1. **Display a warning message during compilation**
    2. Display an error message during compilation
    3. Include a header file only once
    4. Control compiler-specific features
22. What is the purpose of the # operator in the preprocessor?
    1. **Stringizing operator**
    2. Concatenation operator
    3. Negation operator
    4. Conditional operator
23. The preprocessor directive #define is used to:
    1. **Define a macro**
    2. Include a header file
    3. Undefine a macro
    4. Check if a macro is defined
24. Which preprocessor directive is used to generate a line break in the output?
    1. **\n**
    2. \t
    3. \
    4. "
25. The preprocessor directive #ifdef is used to:
    1. **Check if a macro is defined**
    2. Check if a file is included
    3. Check if a function is defined
    4. Check if a variable is initialized
26. What is the purpose of the #undef directive in the preprocessor?
    1. **Undefine a macro**
    2. Define a macro
    3. Include a header file
    4. Check if a macro is defined
27. The preprocessor directive #elif is used as a short form of:
    1. #else
    2. #endif
    3. **#if**
    4. #define
28. Which directive is used to turn off all assertions in a C program?
29. **#define NDEBUG**
30. #undef NDEBUG
31. #ifdef NDEBUG
32. #ifndef NDEBUG
33. The #if directive can only check for constant expressions. (True/False)

**a) True**

b) False

1. What is the purpose of the preprocessor in C programming?

a) To perform input/output operations

b) To handle memory allocation

**c) To preprocess the source code before compilation**

d) To execute the program

1. The predefined macro FILE represents:

a) Current date and time

b) Line number in the source code

**c) File name**

d) Current function name