



Class: XII

MODEL PAPER EXAMINATION 2026

Time Allowed: 20 minutes

SUBJECT: COMPUTER SCIENCE

Q1:

SECTION "A"

Marks: 16

Note: Attempt **ALL** questions from this section. Each question carries **ONE** mark.

1. The symbol used for C preprocessor directive is \_\_\_\_\_.  
A. #                      B. &                      C. @                      D. %
2. Which statement suspends the control structure?  
A. Continue              B. Break              C. Getch ()              D. Default
3. Comparison operators are called \_\_\_\_\_.  
A. Comparators              B. Comparables              C. Relations              D. Relational
4. \_\_\_\_\_ returns a value after performing its specific task.  
A. Function procedure              B. Sub procedure              C. Sub block              D. Structure
5. Which of these is a loop in VB?  
A. IF-Then              B. For-Next              C. Select-Case              D. GOTO
6. In MS-Access, \_\_\_\_\_ is used to present data in printed form.  
A. Form              B. Query              C. Report              D. Table
7. A function can return only \_\_\_\_\_.  
A. One value              B. Two values              C. Three values              D. Six values
8. A key field must contain \_\_\_\_\_.  
A. Default values              B. Null values              C. Duplicate values              D. Unique values
9. Data must be sequential in a \_\_\_\_\_ model.  
A. Network database              B. Hierarchical data base              C. Relational              D. Flat
10. What is the result of the library function sqrt(1024)?  
A. 512              B. 32              C. 256              D. 64
11. In data base, the columns are called \_\_\_\_\_.  
A. Tuples              B. Attributes              C. Keys              D. Table
12. If a= -5, the statement a+=5 returns \_\_\_\_\_.  
A. -15              B. 0              C. 10              D. -5
13. The escape sequence is used with \_\_\_\_\_.  
A. Tab              B. Backspace              C. End of string              D. New line
14. Which function is used to clear the screen?  
A. Clear              B. CLRSER              C. CLRSR              D. CLSO
15. C program can be converted into machine language through \_\_\_\_\_.  
A. An editor              B. A Compiler              C. An operating system              D. A Linker

(Practical Based Assessment)

Marks: 24

Q2: Attempt **ALL** questions.

16. Which header file is essential for using printf() and scanf() functions in C?  
A. conio.h                      B. stdio.h  
C. stdlib.h                      D. string.h
17. What does the following statement does in C?  
printf("Value = %d", 10);  
A. Prints the string "Value = %d"  
B. Prints "Value = 10"  
C. Causes a compilation error  
D. Prints "Value = d"
18. What is the output of this expression in C: 5 % 2?  
A. 2                      B. 1  
C. 0                      D. 2.5
19. Which of the following is a logical AND operator in C?  
A. &&                      B. ||  
C. &                      D. |
20. Which operator compares two values for equality?  
A. =                      B. ==  
C. !=                      D. >=
21. What is the output of this code snippet?  
int a = 5, b = 10;  
printf("%d", a > b);  
A. 1                      B. 0  
C. 5                      D. 10
22. Which of the following is a correct way to print a floating-point number with 2 decimal places?  
A. printf("%.2f", 3.14159);  
B. printf("%2f", 3.14159);  
C. printf("%f.2", 3.14159);  
D. printf("%.f2", 3.14159);
23. What is the purpose of the & operator in scanf()?  
A. To declare a variable  
B. To get the address of the variable  
C. To print the value of the variable  
D. To increment the variable

24. Which of the following functions in C is used to read a single character from the user?

- A. scanf("%d", &x);
- B. getchar();
- C. gets();
- D. fgets();

25. Which of the following C statements is used to make decisions based on a condition?

- A. For
- B. While
- C. If
- D. Switch

26. What is the output of the following code?

```
int a = 5, b = 10;
if (a > b)
    printf("A is greater");
else
    printf("B is greater");
```

- A. A is greater
- B. B is greater
- C. Error
- D. Nothing will be printed

27. What is the output of the following code?

```
int x = 7;
if (x == 5)
    printf("Equal");
else if (x != 5)
    printf("Not Equal");
else
    printf("No match");
```

- A. Equal
- B. Not Equal
- C. No match
- D. Error

28. What is the output of the following code?

```
int i;
for (i = 1; i <= 3; i++) {
    printf("%d ", i);
}
```

- A. 1 2 3
- B. 0 1 2
- C. 1 2
- D. 1 2 3 4

29. Which of the following is the correct way to write a while loop that runs 5 times, if i=0?

- A. while (i < 5) { i++; }
- B. while (i == 5) { i++; }
- C. while (i <= 5) { i++; }
- D. while (i < 5) { i--; }

30. What will the following code output?

```
int i = 0;
while (i < 3) {
    printf("%d ", i);
    i++;
}
```

- A. 0 1 2
- B. 1 2 3
- C. 0 1 2 3
- D. 1 2

31. What will be the output of the following code?

```
int i = 0, j = 0;
for (i = 0; i < 3; i++) {
    for (j = 0; j < 2; j++) {
        if (i == j) {
            continue;
        }
        printf("%d%d ", i, j);
    }
}
```

- A. 00 01 10 11 20 21
- B. 01 10 12 21
- C. 01 10 20 21
- D. 00 10 20

32. Which of the following is the correct syntax to define a function in C?

- A. void function\_name() { statements; }
- B. function\_name() { statements; }
- C. void function\_name() -> { statements; }
- D. void function\_name { statements; }

33. What will be the output of the following code?

```
#include <stdio.h>

void display() {
    printf("Hello, World!");
}

int main() {
    display();
    return 0;
}
```

- A. Error: Function not declared      B. Hello, World!      C. No output      D. Undefined behavior

34. Which of the following types of functions in C can return a value?

- A. void functions      B. Functions with int return type  
C. Functions with char return type      D. Both B and C

35. What is the primary function of MS Access 2000?

- A. To create and manage documents      B. To store and organize data in tables  
C. To develop web pages      D. To manage email communications

36. Which of the following is NOT a valid data type in MS Access 2000?

- A. Text      B. Memo      C. Date/Time      D. Integer

37. In MS Access 2000, what is the purpose of queries?

- A. To generate printable reports      B. To sort, filter, and analyze data  
C. To enter new records      D. To store and organize data

38. In MS Access 2000, what is the purpose of a Join in a query?

- A. To combine data from two or more tables      B. To delete records from a table  
C. To sort data in a table      D. To group data for reporting purposes

39. Which of the following is an example of an Action Query in MS Access 2000?

- A. Select Query      B. Append Query      C. Find Query      D. Relationship Query

40. In MS Access 2000, what does the Lookup Wizard do?

- A. It helps create a custom form for data entry  
B. It assists in creating a drop-down list of values for a field based on another table  
C. It allows the creation of macros to automate tasks  
D. It sorts and filters records in a query

**END OF SECTION A**

**Class: XII**

**MODEL PAPER EXAMINATION 2026**

**Time: 2 hours 40 minutes      SUBJECT: COMPUTER SCIENCE SECTION "B" AND SECTION "C"      Total Marks 60**

**SECTION "B" SHORT ANSWER QUESTIONS**

**30 Marks**

**Note:** Attempt any **TEN** parts questions from this section. All questions carry equal marks.

Q3. What is an error in programming? Describe its main types with examples.

Q4. Explain why C is considered a case-sensitive language. Provide an example to illustrate.

Q5. Write a program that uses nested loops to display the following pattern:

+++++

++++

+++

++

+

- Q6. Define the term "escape sequence" in programming and describe any four escape sequences with examples.
- Q7. How does source code differ from object code?
- Q8. Differentiate between actual parameters and formal parameters in the context of function calls.
- Q9. Explain what data redundancy is and why it can be an issue in databases.
- Q10. What are library functions in programming? List any four commonly used library functions.
- Q11. Identify the main objects in MS Access and briefly explain each.
- Q12. What are logical operators? Provide an example demonstrating their use.
- Q13. Explain the difference between a primary key and a secondary key in database management.
- Q14. What is a function in programming? Discuss the advantages of using functions in code.
- Q15. Write a program that generates the following output using any loop structure:

```
2    4
3    6
4    8
5   10
```

- Q16. Define one of the following terms and describe its purpose:

A. DBMS    B. Data Dictionary

- Q17. What is a key field? Explain the role of a foreign key in a database.

**SECTION "C" DETAILED ANSWER QUESTIONS**

**30 Marks**

**Note:** Attempt any **TWO** questions. Each question carries equal marks. Your answer should not exceed 300 words.

- Q21a. What is a function and what are the advantages of using a function? (7)
- Q21b. Explain any 3 types of database models? (8)
- Q22a. What is an operator? (7)
- Q22b. Explain the basic type of operators in C? (8)
- Q23a. What is MDI? State its advantages. (7)
- Q23b. Why is the C programming language used over other programming languages? (8)
- Explain any six of its features.

**END OF PAPER**