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FOR KARNATAKA CLASS 10 PREPARATION

Karnataka SSLC Model Question Paper 2027 for Programming In ANSI C (Paper 2)

EXAM	YEAR	TYPE
Karnataka Class 10	2027	Sample Paper

54

ಕರ್ನಾಟಕ ಶಾಲಾ ಪರೀಕ್ಷೇ ಮತ್ತು ಮೌಲ್ಯನಿರ್ಣಯ ಮಂಡಲಿ

6ನೇ ಅಡ್ಡ ರಸ್ತೆ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು – 560 003

KARNATAKA SCHOOL EXAMINATION AND ASSESSMENT BOARD

6th Cross, Malleshwaram, Bengaluru – 560 003

2026 – 27 ರ ಎಸ್. ಎಸ್. ಎಲ್.ಸಿ ಮಾದರಿ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ - 2

S.S.L.C MODEL QUESTION PAPER – 2 : 2026 - 27

ವಿಷಯ :ಪ್ರೋಗ್ರಾಮಿಂಗ್ ಇನ್ ಎ ಎನ್ ಎಸ್ ಐ "ಸಿ"

Subject : PROGRAMMING IN ANSI C

ಸಂಕೇತ ಸಂಖ್ಯೆ :54 **CODE NO : 54**

ಸಮಯ : 3 ಗಂಟೆ 15 ನಿಮಿಷಗಳು] [TIME : 3 Hours 15 Miniutes

ಗರಿಷ್ಠ ಅಂಕ : 80] [Max.Marks:80

General instruction to the candidate:

1. This question paper consists of 17 questions.
2. Follow the instructions given for questions.
3. Figures in the right hand margin of the question paper indicate maximum marks assigned for the questions.
4. The maximum time to answer the questions, including 15 minutes to read the question paper, is given at the top of the question paper.

[Turn over

Note : Answer all the questions

I. Four alternatives are given for each of the following questions / incomplete statements. Select the most appropriate alternative and write it in the answer book along with its alphabet.

1. Which of the following is used to represent a single character in C? **-1**

(A) String
(B) Character
(C) Integer
(D) Float

2. Which symbol is used to begin a single-line comment in C? **-1**

(A) /*
(B) //
(C) ##
(D) –

3. Which of the following is a valid identifier in C? **-1**

(A) 2number
(B) total-mark
(C) total_marks
(D) float

4. Which format specifier is used to read an integer value? **-1**

(A) %c
(B) %f
(C) %d
(D) %s

5. Which operator is used to find the remainder after division? **-1**

(A) /
(B) %
(C) //
(D) :

6. Which function is used to display output on the screen? **-1**

(A) scanf()
(B) getchar()
(C) printf()
(D) putchar()

7. Which statement is used to terminate a loop immediately? **-1**

(A) continue
(B) break
(C) exit
(D) stop

8. Which escape sequence is used to move the cursor to the next line? **-1**

(A) \t (B) \b

(C) \n (D) \r

9. Which of the following is a relational operator? **-1**

(A) + (B) &&

(C) >= (D) =

10. Which operator represents logical OR in C? **-1**

(A) | (B) ||

(C) && (D) !

II. Answer all the questions.

11.

a) Mention any two features of C language. **[2]**

b) Explain the different types of C variables. **[3]**

c) Explain the basic structure of a C program with a suitable example. **[5]**

12.

a) Define a variable. **[2]**

b) Explain the rules for naming identifiers in C. **[3]**

c) Explain the different types of constants used in C language with examples. **[5]**

13.

a) Define C tokens. **[2]**

b) Explain any three types of operators in C. **[3]**

c) Explain the basic data types in C language with their uses. **[5]**

14.

a) Explain the if-else statement. **[2]**

b) Write a C program to find the largest of two numbers. **[8]**

15.

a) Explain the use of scanf() function. **[2]**

b) Write a C program to calculate the area and perimeter of a rectangle. **[8]**

16.

a) Explain the while loop. **[2]**

b) Write a C program to check whether the given number is positive, negative or zero. **[8]**

17.

a) What are arithmetic operators? Mention any two arithmetic operators. **[2]**

b) Write a C program to convert temperature in degree Fahrenheit to degree Celsius. **[8]**

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