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CCE RF/RR

[ಒಟ್ಟು ಮುದ್ರಿತ ಪುಟಗಳ ಸಂಖ್ಯೆ : 8

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[ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ : 17

[Total No. of Questions : 17

ಸಂಕೇತ ಸಂಖ್ಯೆ : **54**   Code No. : **54**

ವಿಷಯ : ಪ್ರೋಗ್ರಾಮಿಂಗ್ ಇನ್ ಎಎನ್ಎಸ್ಐ 'ಸಿ'

Subject : PROGRAMMING IN ANSI 'C'

(ಶಾಲಾ ಅಭ್ಯರ್ಥಿ / ಶಾಲಾ ಪುನರಾವರ್ತಿತ ಅಭ್ಯರ್ಥಿ)

(Regular Fresh / Regular Repeater)

ದಿನಾಂಕ : 01. 04. 2025]   [Date : 01. 04. 2025

ಸಮಯ : ಬೆಳಗ್ಗೆ 10-00 ರಿಂದ ಮಧ್ಯಾಹ್ನ 1-15 ರವರೆಗೆ] [Time : 10-00 A.M. to 1-15 P.M.

ಗರಿಷ್ಠ ಅಂಕಗಳು : 80]   [Max. Marks : 80

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TEAR HERE TO OPEN THE QUESTION PAPER

General Instructions to the Candidate :

1. This question paper consists of 17 questions.

2. This question paper has been sealed by reverse jacket. ***You have to cut on the right side to open the paper*** at the time of commencement of the examination *(Follow the arrow mark)* **Do not cut the left side to open the paper.** Check whether all the pages of the question paper are intact.

3. Follow the instructions given against the questions.

4. Figures in the right hand margin indicate maximum marks for the questions.

5. The maximum time to answer the paper is given at the top of the question paper. It includes 15 minutes for reading the question paper.

6. Ensure that the Version of the question paper distributed to you and the Version printed on your admission ticket are the same.

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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 :**   10 × 1 = 10

1.   C language was developed by

     (A)   Charles Babbage   (B)   Steve Babbage

     (C)   Dennis Ritchie   (D)   Graham Bell

2.   What is required in each C program ?

     (A)   The program must have at least one function

     (B)   The program does not require any function

     (C)   Input data

     (D)   Output data

3. The bitwise AND operator is

   (A) && (B) &

   (C) ! (D) =

4. The rule of a grammar in a C character set is known as

   (A) main (B) syntax

   (C) scan (D) print

5. Which is an unconditional branching statement ?

   (A) do ... while (B) switch

   (C) if ... else (D) goto

6.　Repeated execution of a set of statements is called

　　(A)　nesting　　　　　　　(B)　loop

　　(C)　break　　　　　　　　(D)　while

7.　The size of the int data type is

　　(A)　2 bytes　　　　　　　(B)　1 byte

　　(C)　3 bytes　　　　　　　(D)　5 bytes

8.　Statement terminator is represented by the symbol

　　(A)　!　　　　　　　　　　(B)　;

　　(C)　#　　　　　　　　　　(D)　@

9. The escape character used for horizontal tab is

   (A)   \t   (B)   \h

   (C)   \ht   (D)   \f

10. The conversion specification character for hexadecimal

   number is

   (A)   %OX   (B)   %C

   (C)   %S   (D)   %d

II. **Answer the following questions :**

11. a) Mention the applications of C language.   2

    b) Classify the types of C constants.   3

    c) Write the structure of C program.   5

12. a) Explain string constants.   2

   b) Explain the use of logical operators.   3

   c) Write a short note on declaring variables.   5

13. a) List the data types in C language.   2

   b) Define constant.   3

   c) Write the classification of C tokens.   5

14. a) Explain printf ( ).   2

   b) Write a C program to find the area of a square.   8

15. a) Explain do ... while statement.   2

   b) Write a C program to find the given number is odd or even.

   8

16. a)   Explain if ( ) statement.   2

    b)   Write a C program to convert temperature in degree Celsius

         to degree Fahrenheit.   8

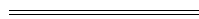17. a)   Explain scanf ( ).   2

    b)   Write a C program to read two integer numbers and find the

         sum of these two numbers.   8

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