

CCE-III-RR/PF(A)/111/7155

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ಆಗಸ್ಟ್ 2024 ರ ಪರೀಕ್ಷೆ-3
AUGUST 2024 EXAMINATION-3

ಒಟ್ಟು ಮುದ್ರಿತ ಪುಟಗಳ ಸಂಖ್ಯೆ : 8]

Total No. of Printed Pages : 8]

ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ : 8]

Total No. of Questions : 8]

ಸಂಕೇತ ಸಂಖ್ಯೆ : **54**

Code No. : **54**

**CCE RR/PF
FULL SYLLABUS**

Question Paper Serial No.

ವಿಷಯ : ಪ್ರೋಗ್ರಾಮಿಂಗ್ ಇನ್ ಎಎನ್‌ಎಸ್‌ಐ 'ಸಿ'
Subject : PROGRAMMING IN ANSI 'C'

(ಶಾಲಾ ಪುನರಾವರ್ತಿತ ಅಭ್ಯರ್ಥಿ / ಖಾಸಗಿ ಅಭ್ಯರ್ಥಿ)
(**Regular Repeater / Private Fresh**)

ದಿನಾಂಕ : 09. 08. 2024]

[Date : 09. 08. 2024

ಸಮಯ : ಬೆಳಿಗ್ಗೆ 10-15 ರಿಂದ ಮಧ್ಯಾಹ್ನ 1-30 ರವರೆಗೆ] [Time : 10-15 A.M. to 1-30 P.M.

ಗರಿಷ್ಠ ಅಂಕಗಳು : 80]

[Max. Marks : 80

General Instructions to the Candidate :

Cut here / ಇಲ್ಲಿ ಕತ್ತರಿಸಿ

1. This question paper consists of 8 questions in all.
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**). **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 is the same.

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ಇಲ್ಲಿಂದ ಕತ್ತರಿಸಿ

09. 08. 2024

TEAR HERE TO OPEN THE QUESTION PAPER

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Tear here

Note : Answer all the questions.

1. **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

i) C language is a / an



- (A) low level language
- (B) high level language
- (C) medium level language

(D) assembly language



ii) C language is a successor to which language ?

(A) B (B) Basic

(C) Cobol (D) C++



iii) Smallest meaningful unit of C program is known as a/an

- (A) C-tokens (B) digits
(C) characters (D) alphabets



iv) The memory size of floating variable is

- (A) 64 bytes (B) 16 bytes
(C) 32 bytes (D) 8 bytes



v) Which of the following is not an arithmetic expression ?

- (A) $X != 10$ (B) $X = 10$
(C) $X / = 10$ (D) $X \% = 10$

vi) The operator `&&` is an example for

- (A) conditional operator (B) relational operator
(C) logical operator (D) arithmetic operator



vii) The escape character used for vertical tab is

(A) \tv

(B) \n

(C) \f

(D) \v



viii) The conversion specification character for octal number is

(A) %OX

(B) %O

(C) %S

(D) %C



ix) Which is an unconditional branching statement ?

(A) loop

(B) for

(C) if ... else

(D) go to






x) Multiple branching can be implemented using

(A) while statement

(B) break statement

(C) switch statement

(D) continue statement

2. a) Define constant.  2
- b) Mention any three salient features of C language. 3
- c) Mention any five applications of C language. 5
3. a) Define real constants. 2
- b) How to declare variable ? Explain.  3
- c) Write the modifiers available for integer data types. 5
4. a) Identify whether the given variable names are valid or not :
- i) Payroll ii) Total 2
- b) Explain arithmetic operators.  3
- c) Explain bitwise operators with examples. 5
5. a) Explain integer data type. 2

b) Identify the errors in the following statements, if any : 8

i) $P = x + y ; 5$



ii) $x + y = sum ;$

iii) $t = \frac{a \times b}{c}$

iv) $5 = x + y + z ;$

6. a) Explain character data types.



2

b) Write a C program to read two integer numbers and find the sum of those two numbers. 8

7. a) Explain printf () statement.



2

b) Write a C program to find the largest of 3 numbers using *if ... else* statement. 8

8. a) Describe control structure.



2

b) Write a C program to check whether a given number is

divisible by 2 or not using *if ... else* statement.



8



DO NOT WRITE ANYTHING HERE