

Sl. No. : OP

ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ : 9 ]

**CCE RR**

[ ಒಟ್ಟು ಮುದ್ರಿತ ಪುಟಗಳ ಸಂಖ್ಯೆ : 4

Total No. of Questions : 9 ]

[ Total No. of Printed Pages : 4

ಇಲ್ಲಿಂದ ಕತ್ತರಿಸಿ

ಸಂಕೇತ ಸಂಖ್ಯೆ : **74**

**Code No. : 74**

ವಿಷಯ : ಎಲಿಮೆಂಟ್ಸ್ ಆಫ್ ಕಂಪ್ಯೂಟರ್ ಸೈನ್ಸ್  
**Subject : ELEMENTS OF COMPUTER SCIENCE**

( ಹೊಸ ಪಠ್ಯಕ್ರಮ / New Syllabus )

( ಪುನರಾವರ್ತಿತ ಶಾಲಾ ಅಭ್ಯರ್ಥಿ / Regular Repeater )

ದಿನಾಂಕ : 17. 06. 2017 ]

[ Date : 17. 06. 2017

ಸಮಯ : ಬೆಳಿಗ್ಗೆ 9-30 ರಿಂದ ಮಧ್ಯಾಹ್ನ-12-45 ರವರೆಗೆ ] [ Time : 9-30 A.M. to 12-45 P.M.

ಗರಿಷ್ಠ ಅಂಕಗಳು : 90 ]

[ Max. Marks : 90

**General Instructions to the Candidate :**

1. This Question Paper consists of 9 objective and subjective types of 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. Check whether all the pages of the question paper are intact.
3. Follow the instructions given against both the objective and subjective types of questions.
4. Figures in the right hand margin indicate maximum marks.
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.

**RR-XXIII-8022**

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TEAR HERE TO OPEN THE QUESTION PAPER

ಪ್ರಶ್ನೆಪತ್ರವನ್ನು ತೆರೆದಿರುವುದನ್ನು ಇಲ್ಲಿ ಕತ್ತರಿಸಿ

Tear here

*Note : Answer all the questions.*

1. Fill in the blanks with the correct symbol/word(s) by selecting from the choices given in the brackets : 10 × 1 = 10
- i) Symbolic representation of a program is .....  
( *algorithm, code, flowchart* )
  - ii) A group of 8 bits is called .....  
( *byte, nibble, word* )
  - iii) Processing box in a flowchart is indicated by .....  
( *rhombus, rectangle, capsule* )
  - iv) An identifier used to identify a statement is .....  
( *label, constant, variable* )
  - v) The scanf is formatted .....  
( *output function, input function, I/O function* )
  - vi) An escape character used for line feed is .....  
( *\n, \t, \f* )
  - vii) A smallest meaningful unit of C program is called .....  
( *data types, integer, token* )
  - viii) The default storage class is .....  
( *static, auto, register* )
  - ix) A brief idea of the nature of program is given by .....  
( *documentation section, function, declaration* )
  - x) An expression that output numeric value is termed as .....  
( *relational expression, logical expression, arithmetic expression* )
2. a) What is a computer ? 2  
 b) List the advantages of computer. 4  
 c) Draw a neat block diagram of computer. 4

3. a) Define programming. 2  
b) Write the flowchart symbols of the following : 4  
    i) Input / Output  
    ii) Flow lines  
    iii) Decision box  
    iv) Connector.  
c) Write algorithm and flowchart to add two numbers. 4
4. a) Who found the 'C' language and what is the use of COBOL ? 2  
b) Give any four applications of C language. 4  
c) What are the advantages of C language ? 4
5. a) Define identifier. Identify whether the given identifier names are valid or invalid : 5  
    i) Total marks  
    ii) 10th Std.  
    iii) Sname.  
b) Write a program to read marks and print the total. 5
6. a) What is an operator ? Mention its any three types. 5  
b) Write a program to find the number of days in February, 2017. 5
7. a) When we use control statement ? What is the use of *if ... else* statement ? 5  
b) Write a program to find the students' result by using if statement, when the maximum marks is 600. 5
8. a) Define function and give two examples. 4  
b) Write a program to calculate compound interest. 6
9. a) Write short notes on any *two* of the following : 5  
    i) Modem  
    ii) E-mail  
    iii) Variable.  
b) Write a program to find whether the given number is even or odd. 5

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