

**B**

Sl. No. : H

ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ : 9 ]

[ ಒಟ್ಟು ಮುದ್ರಿತ ಪುಟಗಳ ಸಂಖ್ಯೆ : 4

Total No. of Questions : 9 ]

**CCE RR**

[ Total No. of Printed Pages : 4

ಸಂಕೇತ ಸಂಖ್ಯೆ : **74****REVISED & UNREVISED****Code No. : 74**

ವಿಷಯ : ಎಲಿಮೆಂಟ್ಸ್ ಆಫ್ ಕಂಪ್ಯೂಟರ್ ಸೈನ್ಸ್

**Subject : ELEMENTS OF COMPUTER SCIENCE**

( ಪುನರಾವರ್ತಿತ ಶಾಲಾ ಅಭ್ಯರ್ಥಿ / Regular Repeater )

ದಿನಾಂಕ : 22. 06. 2019 ]

[ Date : 22. 06. 2019

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

ಪರಮಾವಧಿ 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.



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ಇಲ್ಲಿಂದ ಕತ್ತರಿಸಿ

TEAR HERE TO OPEN THE QUESTION PAPER

ಪ್ರಶ್ನೆ-ಪತ್ರಿಕೆಯನ್ನು ತೆರೆಯಲು 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) DOS is an example of ..... software.  
( *system, application, package* )
- ii) ..... controls the operation of a computer.  
( *ALU, CPU, Mouse* )
- iii) The translator which converts assembly level language to machine level language is .....  
( *compiler, interpreter, assembler* )
- iv) Procedural representation of a flow chart is .....  
( *code, algorithm, arrow* )
- v) The only special character that is used in a variable is .....  
( *underscore, sum, space* )
- vi) The escape character used for tab setting is .....  
( *\n, \f, \t* )
- vii) An expression that outputs a numeric value is called a/an .....  
( *relational expression, arithmetic expression, logic expression* )
- viii) ..... is an unconditional branching statement.  
( *goto, if ... else, for* )
- ix) The example of relational operator is .....  
( *add, multiple, less than* )
- x) The default storage class is .....  
( *auto, static, register* )
2. a) What is a flow chart ? 2
- b) Explain the advantages of machine language. 3
- c) Draw any five symbols used in system flow chart. 5



3. a) Define constant. 2  
b) Which are the limitations of machine language ? 3  
c) Write the classifications of C tokens. 5
4. a) Define delimiters. 2  
b) Explain mixed mode expression. 3  
c) Explain briefly variable declaration with examples. 5
5. a) Write any four delimiters used in C. 2  
b) Write a C program to convert degree Fahrenheit to degree Centigrade. 8
6. a) Identify whether the given variable names are valid or not : 2  
i) total  
ii) 1996  
iii) payroll  
iv) int  
b) Write a C program to check whether the given number is odd or even. 8
7. a) List the bitwise operators provided by C. 2  
b) Write a C program to calculate simple interest. 8
8. a) Explain the assignment operator. 2  
b) Write a C program to find reverse order of given numbers. 8
9. a) Identify the errors in the following statements, if any : 2  
i)  $t = \frac{a \times b}{c}$   
ii)  $S1 = a(p + q)$ .  
b) Write a C program to find the smallest of 3 numbers using conditional operator. 8
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