CAREERINDIA

Roll No.										Serial No. of Q. C. A. B.

ಒಟ್ಟು ಪ್ರಶೆಗಳ ಸಂಖ್ಯೆ : 9]
Total No. of Questions : 9]

[ಒಟ್ಟು ಮುದ್ರಿತ ಪುಟಗಳ ಸಂಖ್ಯೆ : 16
[Total No. of Printed Pages : 16

ಸಂಕೇತ ಸಂಖ್ಯೆ : **74**   ವಿಷಯ : ಎಲಿಮೆಂಟ್ಸ್ ಆಫ್ ಕಂಪ್ಯೂಟರ್ ಸೈನ್ಸ್

Code No. : 74   Subject : ELEMENTS OF COMPUTER SCIENCE

ದಿನಾಂಕ : 06. 04. 2013]

ಸಮಯ : ಬೆಳಿಗ್ಗೆ 9-30 ರಿಂದ ಮಧ್ಯಾಹ–12-45 ರವರೆಗೆ]

ಪರಮಾವಧಿ ಅಂಕಗಳು : 90]

[Date : 06. 04. 2013

[Time : 9-30 A.M. to 12-45 P.M.

[Max. Marks : 90

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Q. No.	Marks	Q. No.	Marks	Q. No.	Marks	Q. No.	Marks	Q. No.	Marks
1.		×		×		×		×	
2.		×		×		×		×	
3.		×		×		×		×	
4.		×		×		×		×	
5.		×		×		×		×	
6.		×		×		×		×	
7.		×		×		×		×	
8.		×		×		×		×	
9.		×		×		×		×	
×		×		×		×		×	
×		×		×		×		×	
×		×		×		×		×	
×		×		×		×		×	

Total Marks

Total Marks in words		Grand Total	
1. ✓			
2. ✓		✓	✓
Signature of Evaluators	*Registration No.*	*Signature of the Deputy Chief*	*Signature of the Room Invigilator*

[Turn over

General Instructions :

i) The Question-cum-Answer Booklet consists of 9 objective and subjective types of questions.

ii) Space has been provided against each objective type question. You have to choose the correct choice and write the complete answer in the space provided.

iii) For subjective type questions enough space for each question has been provided. You have to answer the questions in the space.

iv) Follow the instructions given against both the objective and subjective types of questions.

v) Candidate should not write the answer with pencil. Answers written in pencil will not be evaluated (Except Graphs, Diagrams & Maps).

vi) In case of Multiple Choice, Fill in the blanks and Matching questions, scratching / rewriting / marking is not permitted, thereby rendering to disqualification for evaluation.

vii) For reading the questions 15 minutes of extra time has been provided.

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) Two parts of a program can be connected by ....

   (*arrow, rectangle, circle*)

   Ans : _____

   _____

   ii) The translator which converts assembly level language to machine level languages is ....

   (*compiler, assembler, interpreter*)

   Ans : _____

   _____

iii) An unformatted output function is ....

(*putchar, scanf, printf*)

Ans : _____

_____

iv) A set of simple statements enclosed in a pair of braces is known as ....

(*expression statement, comment statement, block of statement*)

Ans : _____

_____

v) One control structure within the other control structure is called ....

(*beginning, nesting, looping*)

Ans : _____

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vi) An operator which has the highest priority is ....

(*unary operator, binary operator, ternary operator*)

Ans : _____

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vii) The variable declared inside any function is termed as ....

(*global variable, integer variable, local variable*)

Ans : _____

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[Turn over

viii) An unconditional branching statement is ....

(*for, goto, while*)

Ans : _____

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ix) FORTRAN is a ....

(*high level language, middle level language, low level language*)

Ans : _____

_____

x) RAM and ROM are ....

(*volatile memories, serial memories, semiconductor memories*)

Ans : _____

_____

2. a) How are the computer languages classified ? 4

b) Define software and name the types. 4

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c) What do you understand by *C* language ? 2

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3. a) Define a character constant. Mention the two types of character constants. 4

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[Turn over

b) Draw the following symbols used in system flow chart : 4

    i)   Printed document

    ii)   On-line storage

    iii) Video display unit

    iv) Telecommunication link.

c) What is a lexical element ? 2

4. a) Define translator. Name the two types of translators. 4

b) List any four symbols used in flow charts. 4

[Turn over

c) What is meant by sequential flow ? 2

5. a) Explain the following functions : 4

    i)   getchar

    ii)   putchar

b) Write a program to find the average of numbers. 6

6.   a)   Differentiate between input statement and output statement.   4

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b) Write a *C* program to find smallest of 3 numbers using conditional operator. 6

7. a) Define a function. Mention two types of *C* functions. 4

    b) Write a program to show how to pass the values. 6

[Turn over

8.   a)   What is while statement ? Write a syntax of while statement.   4

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b) Write a program to print the number from 1 to 3 using loop statements. 6

9. a) Write short notes on the following : 4

   i) Comments

   ii) Arithmetic operators.

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b) Write a program to convert Fahrenheit to Celsius.   6