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No.

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

ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳ 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 : 23. 06. 2012]

[Date : 23. 06. 2012

ಸಮಯ : ಬೆಳಿಗ್ಗೆ 09-30 ರಿಂದ ಮಧ್ಯಾಹ್ನ-12-45 ರವರೆಗೆ]

[Time : 09-30 A.M. to 12-45 P.M.

ಪರಮಾವಧಿ ಅಂಕಗಳು : 90]

[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	

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General Instructions :

- i) The Question-cum-Answer Booklet consists of objective and subjective types of questions having 9 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) Writing of instruction for computer is called

(programming, processing, operating)

Ans : _____

- ii) MS-DOS is an example of

(hardware, system software, application software)

Ans : _____

iii) Processing box in a flowchart is indicated by

(capsule, rhombus, rectangle)

Ans : _____

iv) The commands which invoke those processes are called

(global variables, preprocessor directives, local variables)

Ans : _____

v) An identifier used to identify a statement is

(label, constant, variable)

Ans : _____

vi) The only special character that is used in a variable is

(comment, block of, underscore)

Ans : _____

vii) Scanf is formatted

(input function, output function, I/O functions)

Ans : _____

viii) The escape character used for tab setting is

(\n , \t , \f)

Ans : _____

ix) An operator which requires two operands is known as

(ternary operator, unary operator, binary operator)

Ans : _____

x) Repeated execution of a set of statements is known as

(loop , break , continue)

Ans : _____

2. a) What is an integer ? Give one example. 2

b) List any three functions of CPU. 3

c) Define an input device. Give any three input devices.

5

3. a) What is a control unit ?

2

b) Define software and hardware.

3

b) What are the source characters ?

3

c) What do you mean by numeric constant ? Name the two types of numeric constants.

4

5. a) Define an expression. List the three types of expressions.

5

b) Write a program to evaluate the given expression :

5

$$S = \frac{a+b}{c+d}$$

6. a) What is a relational operators ? Give an example. 4

- b) Write a program to find the area of circle. 6

7. a) Define an operator. Name the three types of operators.

4

- b) Write a program to convert decimal to binary number.

6

8. a) What is constant ? List the two types of constants. 4

- b) Write a program to calculate the area of a triangle when three sides are given. 6

9. a) Define a statement. Name the three types of statements.

5

[Turn over

b) Write a C program to find reverse order of given numbers.

