

--	--	--	--	--	--



April-2013

कक्ष - 055

COMPUTER SCIENCE PAPER - II (NEW) : UG-CS-112
'C' Programming - I

P. Pages : 2

Time : Two Hours

Max. Marks : 40

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Answersheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. All questions are compulsory.
5. Figure to the right indicate full marks.

1. Attempt any eight.

8

- What will be the maximum size of a float variable ?
 - 1 byte
 - 2 bytes
 - 4 bytes
 - 8 bytes.
- Which operator has the lowest priority ?
 - ++
 - %
 - +
 - ||
- C Programming language was developed by -----
 - Dennis Rituic
 - Jken Thomas
 - Bill Gates
 - Peter.
- Null character is represented by -----
 - \n
 - \o
 - \e
 - \f.
- Define array.
- How to compile C Program ?
- Enlist the relational operator.
- What is variable ?
- What is the purpose of #include ?
- Write any two features of C.

2. Attempt any four.

8

- Write the structure of C Program.
- Explain logical AND operator.
- What is type modifier.
- What are the rules for valid variable names ?
- Differentiate between while and do - while statement.
- Write any two features of preprocessor.

3. Attempt any two.

8

- Explain break and continue statement.
- What is multidimensional array ? Explain with suitable example.
- Write a C Program to compute the following series.

$$\text{sum} = 1 + \frac{a}{2!} + \frac{a^2}{5!} + \frac{a^4}{8!} \dots \text{up to } n \text{ terms.}$$

4. A) Attempt any two.

6

- Explain the format of printf() function. Give suitable example.
- Discuss precedence and order of evaluation.
- What is preprocessor ? Explain macros.

B) Compulsory question.

2

Explain symbolic constant.

5. Attempt any one.

8

- Write a C program to check the given word is palindrome or not.
- Write a C program to input four digit number and find a smallest digit in a given number and print it in word.
e.j. n = 3429 - o/p = TWO.
