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E+G

Sardar Patel University

B.A. – Semester-II

Subject Code: UA02ACAP03

Computer Fundamental & 'C' Programming (P-III)

Date: 05/04/2018 Thursday

Time: 10:00 A.M. to 01:00 P.M.

Total Marks: 35

- Q-1. Answer the following from the given options. 5
- 1 scanf() function is available in _____ header file.
(a) <conio.h> (b) <stdio.h> (c) <math.h> (d) all of these
 - 2 _____ is an example of a valid variable name.
(a) area of circle (b) netpay (c) int (d) char
 - 3 Array can be declared of _____ data type.
(a) float (b) integer (c) char (d) all of these
 - 4 The range of int data type is _____ bytes.
(a) 2 (b) 4 (c) 6 (d) 8
 - 5 _____ loop executes at least once.
(a) While loop (b) do..while loop (c) for loop (d) none of these
- Q-2. Answer the following in short. (any three) 6
- 1 What is the difference between i++ and ++i?
 - 2 Write the use of break and continue statement.
 - 3 Explain switch statement.
 - 4 Explain the function of subroutine.
 - 5 What is Union?
- Q-3. (a) What is C program? Explain the History of 'C' language. 6
(b) What is operator? Explain different operators with examples. 6
- OR**
- (b) Differentiate While and do .. while loop with example. 6
- Q-4. (a) What is User Defined function? Give one example of User Defined Function. 6
(b) What is structure? Discuss with examples. 6
- OR**
- (b) Define Array. Explain declaration of 1-D and 2-D array with syntax and example. 6

(1)

(P.T.O.)

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- Q-1. નીચેના પ્રશ્નોના આપેલ વિકલ્પમાંથી યોગ્ય વિકલ્પ પસંદ કરી જવાબ આપો. 5
- 3 scanf() function _____ header file માં ઉપલબ્ધ છે.
(a) <conio.h> (b) <stdio.h> (c) <math.h> (d) all of these
- 4 _____ માન્ય variable name નું ઉદાહરણ છે.
(a) area of circle (b) netpay (c) int (d) char
- 3 Array _____ data type નું જાહેર કરી શકાય છે.
(a) float (b) integer (c) char (d) all of these
- 4 int data type ની રેન્જ _____ bytes છે.
(a) 2 (b) 4 (c) 6 (d) 8
- 5 _____ loop ઓછા ઓછું એક વાર execute થાય છે.
(a) While loop (b) do..while loop (c) for loop (d) none of these
- Q-2. નીચેના પ્રશ્નો નાં ટૂંક માં જવાબ લખો. (કોઈ પણ ત્રણ) 6
- 1 i++ અને ++i વચ્ચે શું તફાવત છે?
- 2 break and continue statement નો ઉપયોગ જણાવો.
- 3 switch statement સમજાવો.
- 4 subroutine નું કાર્ય સમજાવો.
- 5 Union એટલે શું?
- Q-3. (a) C program એટલે શું? 'C' language નો ઇતિહાસ જણાવો. 6
- (b) Operator એટલે શું? વિવિધ operators ઉદાહરણ સહિત સમજાવો. 6
- OR**
- (b) While અને do .. while loop નો ઉદાહરણ સહિત તફાવત લખો. 6
- Q-4. (a) User Defined function શું છે? User Defined Function ના ઉદાહરણ આપો. 6
- (b) Structure એટલે શું? ઉદાહરણ સાથે વર્ણવો. 6
- OR**
- (b) Array વ્યાખ્યાયિત કરો. 1-D and 2-D array નું declaration syntax અને ઉદાહરણ સાથે સમજાવો. 6