

[122]

P.G.D.C.A.A. Semester – 2 External Examinations

PS02CDCT01 (C Programming)

Tuesday, 10th April, 2018

Time: - 2:00 P.M. to 5:00 P.M.

Max Marks: 70

- Q-1 Choose the most appropriate option for each question. [8]
- 1) A _____ is a data name which used to store data and may change during program execution.
[A] Function [B] Array
[C] Key word [D] Variable
 - 2) Ampersand (&) is not required when the read the _____ value.
[A] Integer [B] String
[C] Character [D] Float
 - 3) _____ are the computer program which convert one language program to another language program.
[A] Compiler [B] Translator
[C] Assembler [D] All of the Above
 - 4) In two dimensional arrays the first subscript is define _____ size.
[A] Row [B] Column
[C] Vector [D] Counter
 - 5) A _____ is a fixed sequenced collection of elements of the same data type.
[A] Array [B] Loop
[C] Function [D] Variable
 - 6) The array using only two subscript is known as the _____ dimensional array.
[A] One [B] Two
[C] Three [D] Multi
 - 7) A _____ is a set of program statements that can be processed independently.
[A] String [B] Character
[C] Function [D] Array
 - 8) A function declaration is also known as _____.
[A] Function Implementation [B] Function declaration
[C] Function Type [D] Function Prototype

P.T.O.

- Q-2 **Answer the following questions (Any Seven).** [14]
- 1) Write Down the Characteristics of an algorithm?
 - 2) Difference between Compiler and Interpreter.
 - 3) Write an algorithm for addition and subtraction of three numbers?
 - 4) Define Rules for declaring the variables.
 - 5) How many keywords are used/supported in C Programming Language? Which are they?
 - 6) Give Difference between For and Do loop?
 - 7) What is the Use of strcpy() with the example?
 - 8) What is String? How to declare the string in C.
 - 9) What is the use of strlen() with the example?
- Q-3 [A] What is Algorithm? Explain Rules for writing an algorithm. [06]
- [B] What is High Level language? Define advantages and Disadvantages of High Level Language. [06]
- OR
- [B] What is Translator? Explain any one translator in Detail.
- Q-4 [A] Write a Basic Structure of C Program and Explain its all Sections. [06]
- [B] Explain If-Else statement? Define its Syntax, Flowchart with Example. [06]
- OR
- [B] Explain Switch-Case statements in detail.
- Q-5 [A] What is an Array? Explain its advantages and disadvantages. [06]
- Q-5 [B] Explain the Do-While Loop in Detail. [06]
- OR
- [B] Explain any three Library Function in Detail.
- Q-6 [A] Which Operations performed on string and explain any three operations? [06]
- Q-6 [B] Write a Program For Subtraction of two Number using User Defined Function. [06]
- OR
- [B] Write a Program For Addition of two Number using User Defined Function.

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