Sardar Patel University External Examination

M.Sc. Statistics/ M.Sc. Applied Statistics Semester I PS01ESTA21/PS01EAST21:Statistical Computing through C++

November 01, 2018, Thursday Time: 10:00 a.m. to 01:00 p.m.

a and downle loop. Expirate to write loop using programme.

Marks:70,

Q1.	Multiple Choice Questions.	
i.	The memory size requires to store character constant is	
	(a) 2-bytes (v) 4 bytes (c) 1 byte (d) 8 bytes	
ii.	loop is used when we are certain about the test condition.	
iii.	statement is used to transfer the control of the execution from one part of the	
	programme to another part of programme.	
	(a) break (b) return (c) continue (d) goto	
iv.	is an alternate to nested if else structure	
0.0	(a)do while loop (b) ternary operator (c) switch case break statement (d) multifunctions	
٧.	operator is useful to retrieve the content of location pointed to by pointer	(9
-90	(a) * (b) & (c) && (d) ++	
vi.	is called again and again directly or indirectly.	
	(a) multifunction (b) recursive function (c) Type III (d) call by reference	
vii.	is a programme in C++ that modifies the C++ source programme according to	
	directive supplied in the programme.	
	(a)header file (b)simple macro (c)pre-processors (d) macro with parameters	
viii.	is a collection of identical data objects which are stored in consecutive memory.	
	locations under a common heading or variable.	
	(a) function (b) array (c) pointer (d) static variable	
Q2.	Short Answer Type Question. (Any Seven)	4
i.	Give the precedence rule of execution of the operators used in C++.	
ii.	Write brief on for loop.	
iii.	Define pointer operator and address operator.	
iv.	Brief the usage of call by reference in pointer.	
v.	Write brief on if else statement.	
vi.	Define macro with parameters and give an example of it.	
vii.	Give the general syntax of multifunction.	
viii.	Give the syntax of arrays and function.	

ix∗	Distinguish between conditional goto statement and unconditional goto statement.		
Q3(a)	Discuss the operators which are helpful to decorate the programme output.	06	
(b)	Discuss various constant used in C++.	06	
(0)	Tall Statistics [OR] House the Continue through Carl		
(b)	List various operators used in C++. Discuss any two.	06	
Q4(a)	Distinguish between while loop and do while loop. Explain do while loop using programme.	06	
(b)	Explain switch case and switch case break statement.	06	26
(0)	[OR]		
(b)	Write a programme to select sample of size n from given population size N without	06	
(0)	loop is regel when a resecons in a our that ye constitute.		
Q5(a)	Discuss one dimensional and multidimensional array. (b) allily a h (a) to 1 at 1 hotean (a)	i	
(b)	Explain three types of functions discuss in C++.	06	
- (0)	[OR] . "HE TOTAL TO THE CHILDREN WE HAVE		
(b)	Write a programme to evaluate addition and multiplication of two $n \times n$ matrices.		
Q6(a)	Write note on pointer assignment and pointer arithmetic.	06	
(b)	Discuss storage classifiers in detail.	06	
(0)	[OR] Salt on inches of the objection of		
(b)	Discuss recursive function using programme.	06	
(-)	is called again and again directly or hulteethy.		
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