

K16U 1092

Reg. No. :

II Semester B.Sc. Degree (CCSS – Supple./Improv.) Examination, May 2016 COMPLEMENTARY COURSE IN COMPUTER SCIENCE 2C03CSC : Programming in C++ (2013 & Earlier Adm.)

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Time: 3 Hours

Max. Weightage : 21

SECTION - A

Answer all questions. Weightage for a bunch of four questions is 1.

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1. Which looping process is best used when the number of iteration is known?

	a) for	b)	while	
	c) do-while	d)	all of the above	
)	. Name the header file, to which function strcmp() belongs to			
	a) stdio.h	b)	string.h	
	c) ctype.h	d)	Math.h Statistics of the Mathematical Mathem	
3.	. When a subclass is inherited from more than one base class, it is known as			
	a) multiple inheritance	b)	multilevel inheritance	
	c) hybrid inheritance	d)	hierarchical inheritance and alon an W	
ŀ.	Which of the following is not a jump	sta	What is meant by container-shi? fnemet	
	a) return	b)	What is the output of the following cotog	
	c) break	d)	Void main()	
j.	A pointer to void can hold pointers to			
	a) void	b)	int $1 = 1$	
	c) float	d)	any data type	

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The ______ operator is used to access the public members of the class with a pointer to an object.

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- a) . (dot) b) : (colon)
 - c) \rightarrow (arrow)

- d) none of these
- 7. Which of the following operator can't be overloaded?
 - a) Equality operator b) Arrow operator
- c) Scope resolution operator d) Assignment operator
 - 8. The function _____ returns the position of file put pointer in a file stream.
 - a) seekg() b) seekp()
 - c) tellp() (2×1=2)

SECTION - B

Answer any five questions. Weightage 1 for each.

- 9. What are iteration statements?
- 10. What is the use of break in switch case statements ?
- 11. What is pointer?
- 12. What is friend function ?

}

- 13. What are the differences between get() and getline() functions ?
- 14. Write note on error handling.
- 16. What is the output of the following code Void main()

Int f = 1, i = 2; While (++ 1 < 5)f* = 1; cout<<f;

 $(5 \times 1 = 5)$

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SECTION-C

Answer any five questions. Weightage 2 for each.

17. What are different data types in C++?

- 18. What you mean by dynamic memory allocation?
- 19. What is visibility mode ? Discuss its role.
- 20. What are actual and formal parameters of a function?
- 21. What is copy constructor ? Why can't we pass an object by value to a copy constructor ?
- 22. What is operator overloading ?
- 23. What is an array ? Give the syntax to define a 2-D array.
- 24. Write a C++ program to swap values of two variables using function. (5×2=10)

SECTION-D

Answer any one question. Weightage 4 for each.

25. Write a C++ program to multiply two matrices.

26. What are the features of OOP languages ?

(1×4=4)