bil No.: 350 583 Total No. of Pages: 4

BCA-206

B.C.A. (Second Year) Examination, 2023

OBJECT ORIENTED PROGRAMMING USING C++

Paper- VI

Time Allowed: Three Hours

Maximum Marks: 100

Part-A

[Marks: 20]

Note: Answer all questions (50 words each). All questions carry equal marks. vo bonte about they obtainly!

Part-B

[Marks: 50]

Note: Answer any five questions (250 words each). Selecting one from each Unit. All questions carry equal marks.

Part-C

[Marks: 30]

nd sleitifficance of default argun Note: Answer any two questions (300 words each). All questions carry equal marks.

Part-A

Answer the following questions: 1.

PHO condition and second of the

- (i) What is the use of recursive function?
 - (ii) What is the use of inline function?

P.T.O.

Differentiate between unary and binary operator
(iv) Differentiate between constructor and destructor
(v) What is a virtual class? brioged) A. D. B.
(iv) ORJENTED PROGRAMMING USING C++ noitoartsdA ataG anilad (iv) Paper- VI
(vii) What is the need of overloading operators and functions?
(viii)What is static data member?
Part-A [Marks: 20]
?++? ni eldeliava et aliquestions (50 words each). All questions carry
(x) What do you understand by formatted output in
Part-B seilly seill seil seill seill seil seill seil sei
Note: Answer any five que B-traf (250 words each). Selecting
one from each Unit. All questions carry equal marks. I-tinU
2. Discuss the significance of J. C. 1.
IIA . (suitable example) snorte up ow tyme reverted sales.
questions carry equal marks.
3. Discuss any,3 flow control statements available in C++?
t Arrayer the following II-tinu
4. Write C++ code to overload operators +,-,* with suitable example.
(ii) What is the use of inline function?
BCA-206 (2)

Write a C++ program to Display Student Details (rollno, name, class, email) using constructor and destructor.	<u>o</u>
Unit-III 6. What are the various C++ access specifiers? Discuss any one with the help of example. 7. Differentiate between multilevel inheritances and multiple inheritance with an example.	
Unit-IV	
8. Explain the use of function template.	de Date de la constante de la
How exceptions are handled in C++?	
Unit-V	
10. How do you read and write data in file handling in C++?	arr
11. Discuss in brief about three components of STL.	Louis and Marie Louis
Part-C	
12. Explain in detail the different data types present in C++?	ne da
13. Discuss the concept of class and object. Also write a C++ Program to find Sum of odd numbers between 1 and 100 using class.	न रू
Write a C++ program demonstrating the use of the pure virtual function with the use of base and derived classes.	वे
BCA-206 (3))	O
	र

- 15. How Exception handling is implemented in the ζ , program, explain with the suitable example.
- 16. Write a user-defined function in C++ to read the content from a text file OUT.TXT, count and display the number of alphabets present in it.

alemanyons of saminosini darania

Something the contract to the seal of

colain in detail the diff. gette

his agreement to be the second

spento grainar boll

The state of the s

Limit rangitania teranji -× dayand distrasmili i

BCA-206

Action (-- programmy on foundation in the case of the purchase with the cases.