



SB-196

Total No. of Pages : 2

Seat  
No.

B.C.A. (Faculty of Commerce) (Part - II) (Semester -III) (Revised)

Examination, November - 2018

COMMERCE

Object Oriented Programming With C++

Sub. Code : 63399

Day and Date : Wednesday, 14- 11 - 2018

Total Marks : 80

Time : 10.30 a.m. to 1.30 p.m.

- Instructions :
- 1) Solve any four questions from Q.1 to Q.7.
  - 2) Question number 8 is compulsory.
  - 3) Figures to the right indicate full marks.

- Q1) a) Explain various Object Oriented Programming concepts. [8]  
b) What is Class? Explain with suitable example. [8]

Q2) What is constructor? Explain types of constructor with suitable examples. [16]

- Q3) a) Explain various operators used in C++. [8]  
b) Write a C++ program to check entered number is even or odd. [8]

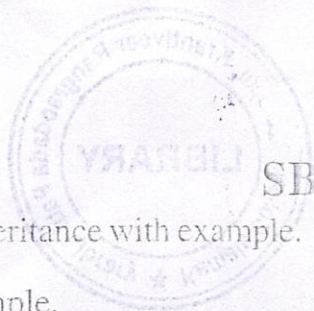
Q4) What is polymorphism? Explain compile time polymorphism with suitable example. [16]

- Q5) a) Write a C++ program to overload unary minus operator. [8]  
b) Define file. Explain various input/output operations. [8]

- Q6) a) Explain various decision making statements in C++. [8]  
b) What is destructor? Explain with suitable example. [8]

P.T.O.





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- Q7) a) What is inheritance? Explain multilevel inheritance with example. [8]
- b) What is friend function? Explain with example. [8]

Q8) Write short notes on.(any four) [16]

- a) Operator Precedence
- b) Friend Class
- c) Constants in C++
- d) Virtual function
- e) Class and object
- f) Access Specifiers in C++.



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