

Total No. of Questions : 4]

SEAT No. :

PD21

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[6409]-214

S.E. (Electronics/E & TC) (Electronics & Computer Engg.) (Electronics & Communication -Advanced Communication Technology) (Electronics Engg. (VLSI Design & Technology)) (Insem) OBJECT ORIENTED PROGRAMMING (2019 Pattern) (Semester - IV) (204194)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Answer Q.1 or Q.2, Q.3 or Q.4.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data, if necessary.

- Q1)** a) What do you mean by overloading of a function? Explain with an example. [5]
b) Discuss the significance of Input / Output operators in C++. [5]
c) Explain the following terms [5]
i) Inheritance
ii) Polymorphism

OR

- Q2)** a) Justify How inline function is better than Macros with suitable example. [5]
b) Explain the procedure oriented programming and Object oriented programming. [5]
c) Explain call by value and call by reference. [5]

- Q3)** a) Explain terms class and object also write the declaration syntax for both. [5]
b) Explain concept of static data members, static member functions in C++. [5]
c) Explain the parameterized constructor with example. [5]

OR

- Q4)** a) What is Constructor? Explain types of constructors. [5]
b) Explain member functions within a class in C++ with suitable example. [5]
c) Explain the concept of objects as function arguments in C++. [5]

