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[5668]-141

S.E. (E&TC/Electronics) (II Semester) EXAMINATION, 2019

OBJECT ORIENTED PROGRAMMING

(2015 PATTERN)

Time : Two Hours

Maximum Marks : 50

N.B. :— (i) Attempt Q. No. 1 or Q. No. 2, Q. No. 3 Or Q. No. 4,
Q. No. 5 or Q. No. 6, Q. No. 7 or Q. No. 8.

(ii) Neat diagrams must be drawn wherever necessary.

(iii) Figures to the right indicate full marks.

(iv) Use of calculator is allowed.

(v) Assume suitable data, if necessary.

1. (a) Explain polymorphism feature of an object oriented programming
with suitable example. [6]

(b) Define the following terms in OOP : [6]

(i) Class

(ii) Object.

Or

2. (a) What are different features of object oriented programming
language ? [6]

(b) Write a C++ program to illustrate concept of parametrized
constructor. [6]

P.T.O.

3. (a) What are different control statements in Java ? Write a simple Java program using control statements. [7]
- (b) Explain the concept of 'this' pointer with example. [6]

Or

4. (a) Explain different data types in Java. [6]
- (b) Explain the terms with example : [7]
- (i) Static
- (ii) Final.
5. (a) Write a suitable program to explain the concept of super keyword in Java. [6]
- (b) Explain multilevel inheritance in Java with suitable example. [6]

Or

6. (a) How to import package in Java ? Explain with example. [6]
- (b) State the difference between method overloading and method overriding. [6]
7. (a) What are different methods to create thread ? Explain with example. [7]
- (b) How to accept character and string from console ? Explain with example. [6]

Or

8. (a) Draw and explain life cycle of an applet. Differentiate between applet and Java application program. [6]
- (b) What are try and multiple catch exception handling in Java ? Explain with example. [7]