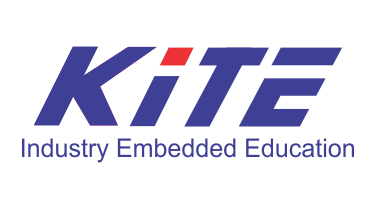
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| **Roll Number** |  |  |  |  |  |  |  |

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**KGiSL INSTITUTE OF TECHNOLOGY**

**COIMBATORE - 641 035**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

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| **CLASS:** | **:** | **II B.Tech IT** | **MAX MARKS** | **:** | **50** |
| **SEMESTER:** | **:** | **III** | **DURATION** | **:** | **1:30 Hrs** |
| **SUBJECT:** | **:** | **Object Oriented Programming** | **CODE** | **:** | **IT8392** |
| **COURSE NO** | : | **C204** | **DATE** | **:** | **12-07-2019** |
| **ACADEMIC YEAR** | : | **2019 – 20 (ODD)** | **EXAM** | **:** | **UNIT TEST 1** |

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| **PART – A ( 10 X 2 = 20 Marks )** | | | | |
| **I** | **ANSWER ALL QUESTIONS** | | **BT level** | **Course Outcome** |
|  | 1. | Define OOP | R | C204.1 |
|  | 2. | What are the four principles of OOP? | U | C204.1 |
|  | 3. | What is encapsulation? | R | C204.1 |
|  | 4. | Write a java program to compute BMI of a person. | AP | C204.1 |
|  | 5. | What is Constructor? | R | C204.1 |
|  | 6. | Give a short note on static members of a class | R | C204.1 |
|  | 7. | Write program to store and print odd numbers from 1 to 100 using arrays. | AP | C204.1 |
|  | 8. | Define packages in Java. | R | C204.1 |
|  | 9. | Define Arrays. | AP | C204.1 |
|  | 10. | What are javadoc comments? | R | C204.1 |

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| **PART – B ( 2 X 15 = 30 Marks )** | | | | | | | |
| **II** | **ANSWER ALL QUESTIONS** | | | | | **BT Level** | **Course Outcome** |
|  | 11. | (a) | (i) | Give a short note on principles of oops. | 5 | R | C204.1 |
|  |  |  | (ii) | Describe about constructor and its type with proper examples. | 10 | U | C204.1 |
| **( OR )** | | | | | | | |
|  |  | (b) | (i) | Give a short note on operators supported by java. | 5 | R | C204.1 |
|  |  |  | (ii) | Describe about importance of packaging and procedures to create and use user defined packages in java. | 10 | U | C204.1 |
|  | | | | | | | |
|  | 12. | (a) |  | Write a java program that receives basic details of students [Name, RollNo, Three Subject Marks] and computes the following [Total and average] and displays appropriate grades. | 15 | AP | C204.1 |
| **( OR )** | | | | | | | |
|  |  | (b) |  | Write a java program that receives the employee details [Name, Empno, Basic Salary] from user and compute HRA, TA, GROSS SALARY and display. | 15 | AP | C204.1 |

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| **COURSE OUTCOMES** | |
| **C204.1** | Develop Java programs using OOP principles |
| **C204.2** | Develop Java programs with the concepts inheritance and interfaces |
| **C204.3** | Build Java applications using exceptions and I/O streams |
| **C204.4** | Develop Java applications with threads and generics classes |
| **C204.5** | Develop interactive Java programs using swings |

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| **BLOOMS TAXONOMY LEVELS** | |
| **R** | Remember |
| **U** | Understand |
| **AP** | Apply |
| **AN** | Analyze |
| **E** | Evaluate |
| **C** | Create |

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| **Staff I/C(s)** | **HOD** | **Principal** |