Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

**Supplementary Examination – June – 2017**

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| **Code :** | **14CS2040** | **Duration :** | **3hrs** |
| **Sub. Name :** | **PROGRAMMING IN JAVA** | **Max. marks :** | **100** |

(For Media Students)

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

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| Q. No. | Sub Div. | Questions | Course  Outcome | Marks |
| 1. |  | Explain in detail about different types data types in java. | CO2 | 20 |
| (OR) | | | | |
| 2. |  | Explain in detail about different control statements in java with sample pesudo codes. | CO2 | 20 |
| 3. |  | With necessary java program to explain constructor overloading technique in java. | CO2 | 20 |
| (OR) | | | | |
| 4. |  | With necessary pesudo codes explain string handling in java. | CO1 | 20 |
| 5. |  | What is meant by inheritance? Write a simple java program to explain inheritance. | CO3 | 20 |
| (OR) | | | | |
| 6. |  | Write a program in java to accept name, id and mark as input from user. Serialize the data and save it in file named "serial.txt". | CO2 | 20 |
| 7. |  | Write a java program on Producer Consumer problem and explain the concept of Inter Thread communication. | CO3 | 20 |
| (OR) | | | | |
| 8. |  | Explain the concept of networking in java. write client server program to communicate data. | CO1 | 20 |
|  | | **Compulsory:** |  |  |
| 9. | a. | Write a program to copy contents of one file to another. | CO3 | 10 |
|  | b. | Write a program to copy file from one location to another location. | CO2 | 10 |

ALL THE BEST