

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

**B.Sc. (IT) (Sem.-6)**  
**ADVANCED JAVA**  
Subject Code : UGCA-1967  
M.Code : 91735  
Date of Examination : 12-07-22

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. SECTION-B contains **SIX** questions carrying **TEN** marks each and students have to attempt any **FOUR** questions.

**SECTION-A**

**1. Write briefly :**

- a) Frame
- b) JDBC
- c) Menus
- d) MVC
- e) List view
- f) TCP/IP
- g) Servlet
- h) Toolbar
- i) Package
- j) Web browser

## **SECTION-B**

2. Discuss in detail TCP/IP client sockets and URL connections.
3. Define AWT. Explain some AWT controls used in java.
4. Describe in detail origin, features and packages in swing.
5. Write a note on JavaFX GUI programming.
6. Explain the process of connecting java to databases and using SQL query.
7. Define Java Beans. Discuss its API.

**NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.**