

**Roll No.**

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**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 : 9/1/2023**

**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) Event
- b) AWT
- c) SQL
- d) GUI
- e) Check Box
- f) API
- g) HTTP
- h) JavaFX
- i) Swing
- j) Java Beans.

## **SECTION-B**

2. Explain the networking basics. Differentiate between Inet4Address and Inet6Address.
3. Write a detailed note on event handling mechanism.
4. Describe various controls used in JavaFX programming.
5. Explain the life cycle of a servlet.
6. Write a note on layout managers and menus.
7. How to connect java with databases? Explain how records are updated?

**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.**