

**Roll No.**

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**Total No. of Pages : 02**

**Total No. of Questions : 09**

**MCA (Sem.-2)**  
**ADVANCED JAVA**  
**Subject Code : PGCA-1918**  
**M.Code : 79617**  
**Date of Examination : 22-05-2025**

**Time : 3 Hrs.**

**Max. Marks : 70**

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION - B & C have FOUR questions each.**
3. **Attempt any FIVE questions from SECTION B & C carrying TEN marks each.**
4. **Select atleast TWO questions from SECTION - B & C.**

## SECTION-A

**1. Define Briefly :**

- Servlet
- JDK
- Cookies
- Applet
- Struts
- Hibernate
- Entity Bean
- JAR files
- RMI
- Deployment

### **SECTION - B**

2. Explain the process of reading the servlet parameters.
3. Define JSP. Explain its life cycle.
4. Write a note on implicit objects, object scope and session management.
5. Describe the struts framework in detail.

### **SECTION - C**

6. Explain in detail the basic architecture model of Hibernate.
7. Discuss in detail the Java Beans API and use of JAR files.
8. Write a note on compiling and executing server and the client in RMI.
9. Explain the architecture of CORBA and its services.

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