

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(IT) (Sem.-6)
ADVANCED JAVA PROGRAMMING
Subject Code : BS-308
Paper ID : [B0424]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION 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 has to attempt any **FOUR** questions.

SECTION-A**Q1) Write briefly :**

- a) What is Panel Class?
 - b) What are Input and Output streams?
 - c) Differentiate between wait() and sleep() methods in multithreading.
 - d) How can we close a window?
 - e) What are UDP Sockets?
 - f) What is the purpose of event adapter class?
 - g) How do you register a listener with a button?
 - h) Explain the role of Proxy layer in RMI Architecture.
 - i) What is the role of JDBC-ODBC bridge?
 - j) Briefly explain server side technologies.
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SECTION-B

- 2) What is User Interface? Explain some of the components of basic user interface in detail.
- 3) Explain RMI Architecture.
- 4) What is Multi threading? Explain Thread lifecycle. By taking an example, create a thread using implementing Runnable Interface method.
- 5) Differentiate between TCP and UDP Protocols.
- 6) Differentiate between Generic Servlets and Http Servlets.
- 7) Define Layout Manager. Explain the types of Layout Manager in detail.

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