

ADVANCED JAVA (ELECTIVE)

Time : 2:30 Hours]

[Maximum Marks : 50

NOTES :

- i) Attempt all questions.
- ii) Students are advised to specially check the Numerical Data of question paper in both versions. If there is any difference in Hindi Translation of any question, the students should answer the question according to the English version.
- iii) Use of Pager and Mobile Phone by the students is not allowed.

Q1) Answer any two of the following :

[2×5=10]

- a) Explain Client Server Architecture.
- b) Define different classes of IP Address.
- c) Define three layer Architecture of Web Application.

Q2) Answer any two of the following :

[2×5=10]

- a) What are the four types of JDBC drivers in Java?
- b) Explain the different JDBC statements available in Java.sql.
- c) Define callable statement and Resultset.

Q3) Answer any two of the following :

[2×5=10]

- a) Define servlet. Explain advantages of servlet over CGI.
- b) Discuss the life cycle of servlet.
- c) Explain any five methods available in servlet package.

Q4) Answer any two of the following :

[2×5=10]

- a) What is JSP technology?
- b) Define session tracking.
- c) Describe the various tags available in JSP.

Q5) Write short notes on any two of the following :

[2×5=10]

- a) AJAX
- b) Cookies
- c) JSP session