

Total No. of Questions : 5]

SEAT No. :

P6022

[Total No. of Pages : 2

[6144]-603
T.Y.B.B.A. (C.A.)
CA - 603 : ADVANCED JAVA
(2019 Pattern) (Semester -VI)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) Figures to the right indicates full marks.

Q1) Answer the following (any eight) :

[8×2=16]

- a) Write down 2 packages of JDBC API.
- b) What is yield () method?
- c) What is JDBC ?
- d) What is scriptlet tag?
- e) What is wait () and notify () in multithreading?
- f) What is Networking?
- g) What is Driver Manager class?
- h) What is ORM ?
- i) What is Session?
- j) What is the role of Prepared Statement?

Q2) Attempt any four of the following.

[4×4=16]

- a) Explain life cycle of servlet.
- b) Differentiate between statement and prepared statement.
- c) Explain Inter Thread communication in Multithreading.
- d) Explain JSP Architecture?
- e) Write a JDBC Program to Insert the record into patient table (Use prepared statement)

P.T.O.

Q3) Attempt any Four of the following.

[4×4=16]

- Explain JDBC Drivers with a suitable diagram.
- Write the use of Inet Address class with suitable Example.
- Differentiate between JSP and Servlet.
- Write a JDBC program to delete the records of students whose names are starting with 'm' character.
- Write a JSP program to display all the prime numbers betⁿ 1 to n.

Q4) Attempt any four of the following.

[4×4=16]

- What are the scripting Elements of JSP?
- What are the steps to connect to the database in Java.
- Explain do GET and do POST method.
- Write a JSP program to calculate the factorial of a given number.
- Write a Servlet program to display the details of employee in tabular format. Employee table structure (eno, ename, sal, design)

Q5) Write a short note on any two of the following.

[2×3=6]

- Generic servlet and HTTP Servlet
- Cookies
- ResultSet Inter face

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