

Total No. of Questions : 5]

SEAT No. :

PA-1985

[Total No. of Pages : 2

[5954]-603

T.Y. B.B.A. (CA)

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 indicate full marks.

Q1) Answer the following (any eight) :

[8×2=16]

- a) Write down 2 methods of connection interface.
- b) What is sleep() method in multithreading.
- c) What is the method to set the thread priority.
- d) Write down 2 classes used in socket programming.
- e) What is IP address.
- f) What is doGet () method of servlet?
- g) What are the parameters of service() method of servlet.
- h) What is JSP?
- i) What is Hibernate?
- j) What is getConnection method?

Q2) Attempt any four of the following.

[4×4=16]

- a) What is statement? Explain the types of statements in JDBC.
- b) Explain thread life cycle with diagram.
- c) What are the implicit objects in JSP. Explain any 4.
- d) Write down the difference between doGet() and doPost() method.
- e) Write a java program to count number of records in a table.

P.T.O.

Q3) Attempt any four of the following.

[4×4=16]

- a) Explain Architecture of libernate.
- b) What is Result set interface in JDBC? Explain methods in Resultset interface.
- c) Explain JSP life cycle with diagram.
- d) Write a java program in to print from 100 to 1. (use sleep() method)
- e) Write a java program to create table student with attributes Rno, Sname, Per.

Q4) Attempt any four of the following.

[4×4=16]

- a) What are the states of the object in hibernate?
- b) What is session tracking? What are the different ways of session tracking in servlet.
- c) What is thread Priority? How to set the thread priorities?
- d) Write a JSP application to accept a user name and greet the user.
- e) Write a java program to display IP address of a machine.

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

[2×3=6]

- a) Connection interface.
- b) Runnable interface.
- c) Thread synchronization.

