

Total No. of Questions : 5]

SEAT No. :

P-1924

[Total No. of Pages : 2

[6034]-603

T.Y. B.B.A. (Computer Application)

CA-603: ADVANCED JAVA

(2019 Pattern) (Semester - VI) (CBCS)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates :

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

Q1) Attempt any EIGHT of the following :

[8 × 2 = 16]

- a) List types of Resultset.
- b) What is IP Address?
- c) What is JDBC?
- d) What is servlet?
- e) What is cookies?
- f) What is UDP?
- g) What is thread?
- h) What is socket?
- i) List the directives in JSP.
- j) What is networking?

Q2) Attempt any FOUR of the following :

[4 × 4 = 16]

- a) List & explain all the interfaces used in JDBC.
- b) Differentiate between HTTP servlet and Generic servlet.
- c) Explain life cycle of JSP with suitable diagram.

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- d) What is synchronization? Explain.
- e) Write a java program to count number of records in a table?

Q3) Attempt any FOUR of the following : **[4 × 4 = 16]**

- a) Explain statement interface in detail.
- b) Explain Thread priority in detail.
- c) Differentiate between TCP socket and UDP socket.
- d) Write a java program to print “Hello Java” message 10 times.
- e) Write a java program to delete salary column from Emp table. Assume Emp table with attributes ENo, EName and salary is already created.

Q4) Attempt any FOUR of the following : **[4 × 4 = 16]**

- a) Write a java program to display IP Address of a Machine.
- b) Explain Architecture of Hibernate.
- c) Explain life cycle of servlet with suitable diagram.
- d) What is multithreading? Explain.
- e) Write a java servlet program to accept name from user & display on browser [use HTML].

Q5) Write a short note on Any TWO of the following : **[2 × 3 = 6]**

- a) notify(), notify All() & wait()
- b) Applications of spring
- c) Connection Interface.
