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T.Y. B.B.A. (CA)
CA - 603 : ADVANCED JAVA
(2019 Pattern) (CBCS) (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) Attempt any Eight of the following :   **[8×2=16]**

   a) What is IP Address?

   b) What is Cookies?

   c) What is thread priority?

   d) What is TCP/IP?

   e) What is Thread?

   f) What is doGet( ) method of servlet?

   g) What is the yield( ) method?

   h) List the directives in JSP?

   i) What is the use of forName( ) method?

   j) State any two advantages of hibernate.

Q2) Attempt any Four of the following :   **[4×4=16]**

   a) Explain servlet life cycle with diagram.

   b) Explain Thread Priority in detail.

   c) Explain Architecture of hibernate.

   d) Write a JDBC Program to delete the record of employee.

   e) Write a JSP Program to accept number from user and check whether it is armstrong or not.

P.T.O.

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

    a)   What are the implicit objects in JSP? Explain any four.

    b)   Explain all the interfaces used in JDBC.

    c)   What is session tracking? What are the different ways of session tracking in servlet.

    d)   Write a java program using multithreading to display from 'A' to 'Z' after time interval 3 seconds.

    e)   Write a socket program in java for simple standalone chatting application.

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

    a)   Explain JSP life cycle with diagram.

    b)   Write advantages and disadvantages of spring.

    c)   Explain thread synchronization in detail.

    d)   Write a JDBC program to display the details of employees (eno, ename, department, sal) whose department is 'Computer Application'.

    e)   Write servlet program to accept number from user and print square of that in red colour.

Q5) Write a short note on any Two of the following :   [2×3=6]

    a)   Application of spring.

    b)   notify( ), notifyAll( ), wait( ).

    c)   JDBC Drivers.

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