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[5823] - 605

T.Y. B.Sc.

COMPUTER SCIENCE

CS - 365 : Object Oriented Programming Using Java - II

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

Time : 2 Hours]

[Max. Marks : 35

Instructions to the candidates:

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

Q1) Attempt any EIGHT of the following.

[8×1=8]

a) Define map interface.

b) What is use of wait ( )?

c) What is use of get connection ( )?

d) What is scriplet?

e) What is purpose of JSP directives?

f) Define spring framework.

g) Give the name of JDBC API.

h) Define Iterator Interface.

i) What is ArrayList?

j) Define cookie.

Q2) Attempt any FOUR of the following.

[4×2=8]

a) How to create thread?

b) List JDBC driver.

c) Differentiate between set & list interface.

d) Write any two methods of HTTP_session.

e) What are the applications of spring?

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Q3) Attempt any TWO of the following. **[2×4=8]**

    a)   Write a JDBC program to accept details of Book (B_id, B_name, B_cost) from user & display it.

    b)   Write a java program in multithreading to display all the alphabets between 'A' to 'Z'. Each alphabet should display after two seconds.

    c)   Write a JSP script to check whether given number is perfect or not & display the result in yellow colour.

Q4) Attempt any TWO of the following. **[2×4=8]**

    a)   Write a servlet program to count the number of times a servlet has been invoked [use cookies].

    b)   Explain life cycle of thread.

    c)   Differentiate between statement & prepared statement interface.

Q5) Attempt any ONE of the following. **[1×3=3]**

    a)   Explain JDBC architecture.

    b)   Write a java program to accept 'n' numbers from user, store them into LinkedList collection. Display only odd numbers.

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