

Total No. of Questions : 5]

SEAT No. :

PD513

[Total No. of Pages : 2

[6468]-65

T.Y. B.Sc. (Computer Science)

CS-365 : OBJECT ORIENTED PROGRAMMING USING JAVA - II
(Revised 2019 Pattern) (Semester - VI)

Time : 2 Hours]

[Max. Marks : 35

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicates full marks.*
- 3) *Assume suitable data if necessary.*

Q1) Attempt any eight of the following. (out of Ten)

[8×1=8]

- a) What is collection?
- b) Define JDBC.
- c) What is default priority in multithreading?
- d) Give syntax of doGet() method.
- e) List any two implicit objects in JSP.
- f) Give any two application of spring framework.
- g) State constructors of TreeSet class.
- h) Write the use of yield().
- i) What is purpose of class forName().
- j) Define session in servlet.

Q2) Attempt any four of the following. (out of five)

[4×2=8]

- a) Differentiate between Thread class and Runnable interface.
- b) What is use of commit() in transactions in Java.
- c) Write a general syntax of include directive in JSP.
- d) Write purpose of setContent Type().
- e) Differentiate between Set and List interface.

P.T.O.

Q3) Attempt any two of the following. (out of three)

[2×4=8]

- a) Write a JSP program to accept the details of teacher (tid, name, salary, subject) from user and store it into the database.
- b) Write a java program to display the even numbers between 1 to 100. Each number should display after 5 seconds. [use sleep()]
- c) Write a java a program to accept details of employee (Eid, Name, Salary) from user and store it into the database.

Q4) Attempt any two of the following. (out of three)

[2×4=8]

- a) Explain the life cycle of thread.
- b) Write a java program to accept n numbers from user store them into the linkedlist collection and display only negative integers.
- c) Write a JSP program to display all the perfect numbers between 1 to n in blue color.

Q5) Attempt any one of the following. (out of two)

[1×3=3]

- a) Explain JDBC process in details.
- b) Explain inter thread communication in details.

