

Total No. of Questions : 5]

SEAT No. :

P-1312

[Total No. of Pages : 2

[6055]-405

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 collection.
- b) Give the name of JDBC API.
- c) What is interthread communication?
- d) What is servlet?
- e) How to represent expression in JSP?
- f) List modules in spring.
- g) Which interface is implemented by hashset class?
- h) What is use of get connection ()?
- i) Define multithreading.
- j) What is session?

*P.T.O.*

**Q2) Attempt any four of the following :**

**[4 × 2 = 8]**

- a) Differentiate between list and set interface.
- b) What is result set interface? List any two fields of it.
- c) Write a syntax of doGet ()
- d) What are advantages of JSP over servlet?
- e) How to create a thread in multithreading?

**Q3) Attempt any two of the following :**

**[2 × 4 = 8]**

- a) Write a java program to accept N integer from user store them into suitable collection and display only even integers.
- b) Write a Java program to accept details of teacher (Tid, Tname, Tsubject), store it into database and display it.
- c) Write a JSP program to accept user name and greets the user according to time of system.

**Q4) Attempt any two of the following :**

**[2 × 4 = 8]**

- a) Explain life cycle of JSP.
- b) Explain synchronization with an example.
- c) Write a Java program to update the salary of a given employee (use prepared statement interface). Assume Emp table (Eno, Ename, Esal) is already created.

**Q5) Attempt any One of the following :**

**[1 × 3 = 3]**

- a) What is spring frame work? Explain its advantages.
- b) Explain execution process of servlet application.

