Computer Science [Honours]
[CBCS]
B.Sc. Fifth Semester End Examination-2023
(Regular & Supplementary Paper)
PAPER-C11T

Full Marks: 40   **Time: 02 Hrs**

The figures in the right hand margin indicate marks
Candidates are required to give their answers in their own words as
far as practicable
Illustrate the answers wherever necessary

Group A

1) Answer any FIVE questions of the following: **5x2= 10**

a) What is database driver in jdbc?

b) What is the difference between statement & prepared statement?

c) What is scnollable result set?

d) what is persing? How it work in program?

e) What are the wrapper classes in Java? What are its application?

                                                         1+1

f) What is the Nan( ) function does?

g) Defrine anonymous function be assigned to a variable?

h) Difference between the client side Javascript & server side Java script.

Group B

Answer any FOUR questions of the following: 4x5 = 20

2) What is JSP? Differentiate between JSP and serve let. 2+3

3) What are the pop-up boxes available in Java script? Explain with examples? 5

4) What is Array list? How to create an Array list? Differentiate between an Array list & array in Java. 5

5) Write down the advantage and disadvantage of JDBC – ODBC Bridge driver and Net protocol-pure Java driver. 5

6) What is the use of callable statement? Describe the forward Result set and scrollable Result set in JDBC.

7) Write down the advantages of JSP? Write down the difference between Declaration tag and expansion tag. 2½ + 2½

8) Write a program to create callable statement to call the stored procedure and retrieve the result from ORACLE server.

Group C

Answer any ONE question of the following: 1x10 = 10

9) a) Explain abstract method with a suitable example. What is the difference between the final method and abstract method in JAVA? 4+2

   b) What is a package? How do you design a package? 1+3

10) a) What is JDBC? What is DSN? How can you register a driver 2+1+2

b) Describe the different type of method to improve the performance of a ZDBC program. 5