B.Sc. Semester-V Examination, 2022-23
COMPUTER SCIENCE [Honours]

Course ID : 51511   Course Code : SH/CSC/501/C-11

Course Title : Internet Technologies - Theory

Time : 1 Hour 15 Minutes   Full Marks : 25

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer **all** the questions.

UNIT-I

1. Answer any **five** of the following questions:

    $1\times5=5$

    a) What is Session Bean?

    b) What is function?

    c) What is class?

    d) What is Event in JavaScript?

    e) What is the difference between Java and Javascript?

    f) What is JDBC driver?

    g) What is garbage collection?

    h) What is negative infinity?

UNIT-II

2. Answer any **two** of the following questions:

    $5\times2=10$

    a) Describe loops in JavaScript with examples.

    b) Describe function calling in JavaScript with examples.

    c) Describe JDBC architecture.

    d) Describe JSP architecture.

UNIT-III

3. Answer any **one** of the following questions:

    $10\times1=10$

    a) How a JDBC application can be created? Describe the dropping a Bean on the BeanBox.   4+6

    b) Write down a Java program that takes three integer values as input and finds the average value through two different methods. Write a SQL statement to create a table.   8+2

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