

BANKURA UNIVERSITY

B. Sc. (HONOURS) FIFTH SEMESTER EXAMINATIONS, 2021

Subject: Computer Science

Course ID: 51511

Course Title: Internet Technologies

Full Marks: 25

Time: 1 Hr. 15 min

The figures in the margin indicate full marks

Answer all the questions.

UNIT I

1. Answer *any five* of the following questions: (1 × 5 = 5)

- a) What is object?
- b) What is class?
- c) What is JavaScript?
- d) What is Event in JavaScript?
- e) What is JDBC driver?
- f) What is Session Bean?
- g) What is Entity Bean?
- h) What is function?

UNIT II

2. Answer *any two* of the following questions: (5 × 2 = 10)

- a) Describe Array List class.
- b) Write down the limitations of JavaScript.
- c) Describe the JDBC Architecture.
- d) Describe JSP Architecture.

UNIT III

3. Answer *any one* of the following questions: (10 × 1 = 10)

a) Write a short note on Introspection. Describe EJB(Enterprise JavaBeans) Architecture

(6 + 4)

b) Write down a Java program that takes as input two integer values and calculates their LCM and GCD through two different methods.

Write a SQL query to create a database (8 + 2)

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