

Bankura University

B.Sc(Programme) Semester-V Examination, 2021-22

COMPUTER SCIENCE (PROGRAMME)

Subject Code: 51518

Course Code: SP/CSC/501/DSE-1A

Course Title: Internet Technology

Time: 1hr 15 minute

Full Marks: 25

The figures in the margin indicate full marks.

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

The questions are of equal value.

1. Answer any **five** question: 1×5=5
 - a) What is HTML?
 - b) What is data type in java script?
 - c) What do you mean by CSS?
 - d) When does inheritance require?
 - e) What is polymorphism?
 - f) List down two major advantages of JSP.
 - g) What is object?
 - h) What is web page?

2. Answer any **two** questions. 5×2=10
 - a) Write a JAVA program to find whether a given number is prime or not. 5
 - b) Describe how to make a web form with HTML. 5
 - c) Explain Designing class in java 5
 - d) Explain with example implementation of SQL statements with JDBC. 5

3. Answer any **one** question: 10×1=10
 - a) What is hyperlink? Make a HTML program to implement hyperlink. Implement a static password with JAVA script 4+6=10
 - b) What do you mean by JAVA virtual machine? Develop a standalone java program for multiple inheritances. What are the similarities between interface and class? 2+6+2 =10

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B.Sc(Programme) Semester-V Examination, 2021-22

COMPUTER SCIENCE (PROGRAMME)

Subject Code: 51518

Course Code: SP/CSC/501/DSE-1A

Course Title: Programming in JAVA

Time: 1hr 15 minute

Full Marks: 25

The figures in the margin indicate full marks.

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

The questions are of equal value.

1. Answer any **five** question: 1×5=5
 - i) What is method overloading?
 - j) What are the data types available in java?
 - k) What do you mean by package in JAVA?
 - l) When does inheritance require?
 - m) What is polymorphism?
 - n) List down two major advantages of using applet.
 - o) What is object?
 - p) What is unchecked exception?

2. Answer any **two** questions. 5×2=10
 - e) Write a JAVA program to find whether a given number is prime or not. 1+4=5
 - f) Describe Exception handling in java. 5
 - g) Explain Designing class in java 5
 - h) Explain with example of implementation of polymorphism in JAVA. 5

3. Answer any **one** question: 10×1=10
 - c) What is method overloading? Write a Java program that computes the area of a circle, rectangle and Cylinder using function overloading. 4+6=10
 - d) What do you mean by JAVA virtual machine? Develop a standalone java program for multiple inheritances. What are the similarities between interface and class? 2+6+2 =10