2017

BCA 5th Semester Examination

JAVA LAB.

PAPER—3196 (Set-II)

(Practical)

Full Marks : 70

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

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

Illustrate the answers wherever necessary.

Answer any *two* questions (on lottery basis). 2×25

1. Write a program is Java to find $A \times B$ where A is a matrix of 3×3 and B is a matrix of 3×4.

2. Write a program in Java with Class Rectangle with the data field, width, length, area and colour. The length, width and area are of double type and colour is of string type. The methods are set_length(), set_width(), set_colour and find_area(). Create two object of Rectangle and compare their area and colour of both are same for the objects then display "Matching Rectangles" else "Non Matching Rectangles".

3. Write a program in Java to override a function.

4. Write a program in Java to show multiple inheritance.

5. Write a program in Java to generate n prime numbers.

6. Write a program in Java to print a multiplications table using a function MUL(). The function should be written is a package built by you.

7. Write a program using Applet to add two numbers and display the result. Take a textbox for giving input.

8. Write a program in Java to calculate the area of 3 geometric objects operations using the concept of method overloading.

9. Write a program in Java to show the concept of abstract method.

10. Write a program in Java using constructor overloading.

Viva — 15 Marks

PNB — 05 Marks

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