

**2017**

**M.Sc.**

**2nd Semester Examination**

**COMPUTER SCIENCE**

**PAPER—COS-206**

**(PRACTICAL)**

*Full Marks : 50*

*Time : 3 Hours*

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

Answer any *two* questions : 2×15

1. Write a program to explain the concept of super keyword in Java.
2. Write a program in Java to find volume of Sphere and Hemisphere using abstract class.
3. Write a program in Java to design a class account using the inheritance and static that show all function of bank (withdrawal, deposit) and generate account number dynamically.

*(Turn Over)*

4. Write a program in Java for Matrix multiplication.
5. Write a program in Java to count the frequency of a given letter in a string.
6. Write a program in Java to implement multilevel inheritance by using interface.
7. Write a program in Java to display the string in main thread and child thread.
8. Write a program in Java to display Human face using applet.
9. Write a program in Java to find largest between three numbers using Ternary Operator.
10. Write a program in Java to find square of a given number using applet.
11. Write a abstract class program in Java.
12. Write a program in Java for Handling Exception.
13. Write a program in Java for a Constructor Overloading.

14. Write a program in Java to show the concept of method overriding.
15. Write a program in Java to performed Menu Driven arithmetic operations using switch case.

PNB : 5 marks

Viva Voce : 15 marks

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