

C 53034 B

B.Com. (C.A.) DEGREE EXAMINATION, OCTOBER/NOVEMBER 2017.

End Semester Examination

Fifth Semester

(Regular/Supplementary)

Paper IV : OBJECT ORIENTED PROGRAMMING USING JAVA

Time : 3 Hours

Max. Marks : 70

PART — A

Answer any FIVE of the following questions. **(5 × 4 = 20 Marks)**

1. What is type casting? Why it is required in programming.
2. What are relational operators? Explain with Java program.
3. Define constructor? What are its special properties?
4. Write a syntax and example for “nested for statement”.
5. What is method? Write an example for method overloading.
6. Give an example where interface can be used to support multiple inheritance.
7. What are compile time errors in Java?
8. Write note on reading and writing files?

PART — B

Answer ALL of the following questions. **(5 × 10 = 50 Marks)**

UNIT I

9. (a) What are the basic concepts of OOPs?

Or

- (b) List the eight basic data types used in Java? Explain each one with examples.

Turn Over

UNIT II

10. (a) Write a syntax and examples for “if-else statement” and switch statement.

Or

- (b) What are objects? How are they created from a class.

UNIT III

11. (a) What are the applications of wrapper classes?

Or

- (b) Describe different forms of inheritance with example.

UNIT IV

12. (a) Describe the complete life cycle of a thread.

Or

- (b) What is a finally block? When and how is it used? Give a suitable example.

UNIT V

13. (a) Write a procedure to create package.

Or

- (b) How do applets differ from application programs?
