

## C 3503

B.C.A. (Three Year) DEGREE EXAMINATION, NOVEMBER 2016.

Third Semester

Part – II

OBJECT ORIENTED PROGRAMMING USING JAVA

*Time : 3 Hours*

*Max. Marks : 70*

PART — A

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

1. What are command line arguments? Explain their role in Java.
2. What are various benefits of oops?
3. Explain the difference between do and while statement.
4. What is inheritance? Explain.
5. Explain how will you create object in Java.
6. How will you access interface variable?
7. What is synchronization?
8. Write about reading and writing files.

PART — B

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

UNIT I

9. (a) Explain various data types in Java.

Or

- (b) What is operator precedence and associativity?

UNIT II

10. (a) Explain the concept of nested if statement with the help of flow chart.

Or

- (b) What are abstract methods and classes?

Turn Over

UNIT III

11. (a) What are wrapper classes in Java? Explain.

Or

(b) Explain one dimension and two dimension array.

UNIT IV

12. (a) What are API packages?

Or

(b) Explain applet life cycle.

UNIT V

13. (a) What are various thread methods?

Or

(b) What are multiple catch statement?

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