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**BO—12—2016**

**FACULTY OF COMPUTER STUDIES**

**B.C.A. (Third Year) (Sixth Semester) EXAMINATION**

**OCTOBER/NOVEMBER, 2016**

**(Revised Course)**

**COMPUTER APPLICATION**

**(Advance Java)**

**(Monday, 21-11-2016)**

**Time : 10.00 a.m. to 1.00 p.m.**

*Time— Three Hours*

*Maximum Marks—80*

*N.B. :— (i) All questions are compulsory.*

*(ii) Draw neat and labelled diagram wherever necessary.*

*(iii) Assume suitable data, wherever necessary.*

1. Attempt the following : 20

(a) Explain importance of Java for internet.

(b) How thread is running ? Explain.

(c) Explain mouse event.

(d) Explain AWT class.

2. (a) Explain simple program of Java. 8

(b) Explain thread life cycle. 7

*Or*

(c) Write a program in Java to check positive or negative number. 8

(d) Explain string buffer class in detail. 7

3. (a) Write a program in Java to display numbers divisible by 3 from 1 to 100. 8

(b) Explain dynamic method dispatch. 7

*Or*

(c) Write a program in Java to convert the given no. digits in reverse order. 8

(d) Explain life cycle of servlet. 7

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4. (a) Explain advantages of Java Beans. 8
- (b) Write a program in Java to arrange given five numbers in descending order. 7
- Or*
- (c) Explain JAR files. 8
- (d) Explain interfaces with an example. 7
5. Write short notes on the following (any *three*) : 15
- (a) Final class
- (b) Window event
- (c) Working with fonts
- (d) Radio button
- (e) Combo box and lists.

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