

**S.D.E.**  
**M.B.A. (I.T.) Sem-IV (2013 Course) : WINTER - 2018**  
**SUBJECT : PROGRAMMING WITH JAVA**

Day : Tuesday  
Date : 04/12/2018

**W-2018-4696**

Time : 02.00 PM TO 05.00 PM  
Max. Marks : 70

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**N.B.:**

- 1) Attempt **ANY THREE** questions from Section – I and attempt **ANY TWO** questions from Section – II.
  - 2) Answers to both the sections should be written in **SEPARATE** answer books.
  - 3) Figures to the right indicate **FULL** marks.
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**SECTION – I**

- Q.1** What is Applet? Explain Java Applet life cycle with suitable diagram. [14]
- Q.2** What is Exception? Explain Exception types and keywords with suitable example. [14]
- Q.3** What is layout manager? Explain different layout managers used is awt. [14]
- Q.4** What is Threading? Explain inter-thread communication with suitable example. [14]
- Q.5** Write short notes on **ANY TWO** of the following: [14]
- a) Java doc
  - b) Wrapper
  - c) Abstract class

**SECTION – II**

- Q.6** Write a programme to accept amount to withdraw from user. Also create user defined exception funds overflow. Which will be raised, if account balance is less than equal to 500. (Consider account balance of ₹ 5,000) [14]
- Q.7** What is Java Interface? Explain its use with suitable example. [14]
- Q.8** What is package? Explain how to create and use package with suitable example. [14]

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