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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech. (ECE) (Sem.-5)  
**PROGRAMMING IN JAVA**  
Subject Code : BTEC-905D-18  
M.Code : 78710

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A****Write briefly :**

- 1) Define Java tokens.
- 2) Differentiate Applet with Applications.
- 3) Give complete meaning of statement "public static void main (String arg[])".
- 4) What is the difference between if and switch statement?
- 5) Write the difference between break and continue statements.
- 6) Write the importance of interfaces.
- 7) What is the need of packages?
- 8) What is a listener in context to event handling?
- 9) What is RMI?
- 10) What is JDBC?



**SECTION-B**

- 11) Explain what makes Java a platform-independent language?
- 12) Write a program to implement the Fibonacci series using for loop control structure.
- 13) What is inheritance? Why Java does not support multiple inheritance?
- 14) What are the different types of controls in AWT? Explain.
- 15) What are Java Beans? What are the advantages of Java Beans? Explain different properties of a Java Bean.

**SECTION-C**

- 16) Explain in detail that makes Java the most popular, preferable language over the years.
- 17) What is error and exception handling in Java? How would you handle the exception using Try and Catch?
- 18) What is an Applet? How applets are different from standalone Java application programs? Discuss.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**

