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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(IT) (Sem.-5)
PROGRAMMING IN JAVA
Subject Code : BSIT-502
M.Code : 74376
Date of Examination : 14-12-22

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 **SIX** questions carrying **TEN** marks each and students have to attempt any **FOUR** questions.

SECTION-A

1) Answer briefly :

- a. Give overview of web browsers.
- b. What is Java Virtual Machine?
- c. Write the use of constructors.
- d. What is Extended interface?
- e. What are overriding packages?
- f. What are string functions in Java?
- g. Explain the jagged arrays.
- h. Write use of Try and Catch.
- i. Give introduction of Lines in Graphics class.
- j. Write about Window Listener Event Handling.

SECTION-B

2. Discuss various operators and expression available in Java. Show their syntax.
3. What are system packages in Java? How the packages are used and created?
4. How applet are created? Explain the Applet life cycle.
5. Discuss how Java is used in creating user interfaces using Java AWT packages.
6. Give the introduction of types of errors in Java? How the exception handling is done in Java.
7. Discuss file handling in Java. Write about Reader and Writer Streams in Java.

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.