



DE-3178
Third Year B. Sc. (Computer Sci.) (Sem. V)
Examination
March/April – 2016
Paper - 504 : Java Programming

Time : Hours]

[Total Marks : 50

Instruction :

<p>नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination :</p> <p>Third Year B. Sc. (Computer Sci.) (Sem. V)</p> <p>Name of the Subject :</p> <p>504 : Java Programming</p> <p>Subject Code No. : 3 1 7 8 Section No. (1, 2,.....): Nil</p>	<p>Seat No. :</p> <table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td></tr></table> <div style="border: 1px solid black; border-radius: 15px; height: 60px; margin-top: 10px; display: flex; align-items: center; justify-content: center;">Student's Signature</div>						

Q.1 Answer following.(any eight)

08

1. How can we create multiline comment in java program?
2. What is final variable?
3. What is garbage collection?
4. What is class Path?
5. Explain Static block.
6. Is it possible to create reference variable of type interface?
7. Explain the use of "super" keyword.
8. Explain toString() method of Object Class.
9. Explain abstract method.

Q.2

- | | |
|---|-----------|
| (a) Explain java class structure. Explain concept of inheritance in java. | 07 |
| (b) Explain branching statements of java. | 05 |
| (c) Explain use of import statement in java. | 02 |

Or

- | | |
|--|-----------|
| (a) Discuss operators, identifiers and comments structure in java. | 07 |
| (b) Explain looping statements in java. | 05 |
| (c) Explain creation of array in java. | 02 |

Q.3

- | | |
|--|-----------|
| (a) Explain how we can achieve multiple inheritances in java with example. | 07 |
| (b) Explain constructor over loading in java. | 05 |
| (c) Explain access control modifier. | 02 |

Or

- | | |
|--|-----------|
| (a) Explain use of static keyword in java. | 07 |
| (b) Explain method over loading in java. | 05 |
| (c) Explain non access modifiers. | 02 |

Q.4

- (a) Write a note on java package with example. **07**
- (b) Explain abstract class & method. **05**
- (c) Explain any two constructor of String Buffer class. **02**

Or

- (a) Explain final class and method and variable with example. **07**
- (b) Explain the difference and similarities between interface and class. **05**
- (c) Explain difference between equals() and ==. **02**
