Subject Code: 01CT0105

Subject Name: Object Oriented Programming

B. Tech. Year – I (Semester II)

UNIT – 3

Worksheet – 3

Enrollment No: _____

Name: _____

Subject Faculty:

Prof. Kapil Shukla

Information and Communication Technology Department,

Marwadi University

Q-1: What do you mean by Mutable and Immutable?

Answer:

Q-2: Differentiate: String and StringBuffer Class

Answer:

String	StringBuffer

Q-3: Explain following String Class methods with its use and syntax.

Answer:

a) charAt():

b) compareTo():

c) contains():

d) endsWith():

e) indexOf():

f) isEmpty():

g) length():

h) matches():

i) substring():

j) trim():

Q-4: Explain Command Line Argument with Example.

Answer:

Q-5: What is the use of Wrapper Class? List all primitive data type and its Wrapper class.

Answer:

Q-6: What is Boxing and Unboxing in Java? Explain with example.

Answer:

Q-7: Explain following concept with Example.

a) Class:

b) Object:

c) Data Member:

d) Member Function:

e) Constructor:

f) Destructor:

Q-8: Explain following keywords with Example.

a) static:

b) this:

c) final: [class | method | variable]

d) abstract: [class | method]

Q-9: Differentiate:

Overloading	Overriding

Overloading	Overriding

Q-10: Explain following visibility modifiers.

a) private:

b) default:

c) protected:

d) public:

Q-11: Explain Garbage Collection process using example.

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