

# Worksheet

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Name: .....

Roll No: ..... Class: ..... Section: .....

Date: .....

## CONSTRUCTORS

### Chapter-12

#### 1. Tick (✓) the correct option.

(a) The implicit return type of constructor is

(i) void

☐

(ii) a class in which it is defined

☐

(iii) no return type

☐

(iv) none of these

☐

(b) public class Test { }

What is the prototype of the default constructor?

(i) test()

☐

(ii) public test()

☐

(iii) test(void)

☐

(iv) public test(void)

☐

(c) Can the number of actual parameters be different from the number of formal parameters

(i) yes

☐

(ii) no

☐

(iii) only under few conditions

☐

(iv) none of these

☐

(d) How many constructors can a class have?

(i) any number of constructors

☐

(ii) two constructors

☐

(iii) three constructors

☐

(iv) four constructors

☐

#### 2. Fill in the blanks.

(a) A ..... is a type of special member method with the same name as of class.

(b) A default constructor is used to initialize the ..... automatically with default values.

(c) A ..... constructor is a type of constructor with parameters and statements inside its body.

(d) A ..... constructor is used to create an object by initializing it with a previously created object of the same class.

(e) A copy constructor duplicates an .....

#### 3. Explain the following terms.

(a) Constructor with default argument

(b) Parameterised constructor

(c) Copy constructor

(d) Constructor overloading