

# Worksheet

1

Name: .....

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

Date: .....

## CLASS AS THE BASIS OF ALL COMPUTATION

### Chapter-10

#### 1. Tick (✓) the correct option.

- (a) Which of the following is the special method with a name same as that of the class name?
- |                         |                          |           |                          |
|-------------------------|--------------------------|-----------|--------------------------|
| (i) Constructor         | <input type="checkbox"/> | (ii) Main | <input type="checkbox"/> |
| (iii) Both (i) and (ii) | <input type="checkbox"/> | (iv) None | <input type="checkbox"/> |
- (b) Access specifiers are :
- |                            |                          |                        |                          |
|----------------------------|--------------------------|------------------------|--------------------------|
| (i) Private specifiers     | <input type="checkbox"/> | (ii) Public specifiers | <input type="checkbox"/> |
| (iii) Protected Specifiers | <input type="checkbox"/> | (iv) All               | <input type="checkbox"/> |
- (c) Which of the following is a component of an object?
- |                         |                          |                    |                          |
|-------------------------|--------------------------|--------------------|--------------------------|
| (i) Characteristics     | <input type="checkbox"/> | (ii) Behaviour     | <input type="checkbox"/> |
| (iii) Both (i) and (ii) | <input type="checkbox"/> | (iv) None of these | <input type="checkbox"/> |
- (d) Which of the following is the set of instructions to build a specific type of object?
- |                         |                          |             |                          |
|-------------------------|--------------------------|-------------|--------------------------|
| (i) Class               | <input type="checkbox"/> | (ii) Object | <input type="checkbox"/> |
| (iii) Both (i) and (ii) | <input type="checkbox"/> | (iv) None   | <input type="checkbox"/> |
- (e) The ..... Keyword denotes the current class's object .
- |             |                          |           |                          |
|-------------|--------------------------|-----------|--------------------------|
| (i) that    | <input type="checkbox"/> | (ii) this | <input type="checkbox"/> |
| (iii) those | <input type="checkbox"/> | (iv) than | <input type="checkbox"/> |
- (f) Which keyword makes class members accessible outside the class in which they are declared?
- |              |                          |                |                          |
|--------------|--------------------------|----------------|--------------------------|
| (i) Private  | <input type="checkbox"/> | (ii) Protected | <input type="checkbox"/> |
| (iii) Public | <input type="checkbox"/> | (iv) Hidden    | <input type="checkbox"/> |
- (g) Find the access specifier which prohibits a class member from being used outside a class:
- |                 |                          |             |                          |
|-----------------|--------------------------|-------------|--------------------------|
| (i) Private     | <input type="checkbox"/> | (ii) Public | <input type="checkbox"/> |
| (iii) Protected | <input type="checkbox"/> | (iv) None   | <input type="checkbox"/> |

#### 2. Define the following.

- (a) Class  
(b) Local variable  
(c) Member method  
(d) Nested class