

Worksheet

Name:

Roll No: Class: Section:

Date:

ELEMENTARY CONCEPT OF OBJECTS AND CLASSES

Chapter-3

1. Tick (✓) the correct option.

- (a) The parts of an object are
- | | | | |
|------------------|--------------------------|------------------|--------------------------|
| (i) Object name | <input type="checkbox"/> | (ii) Behaviour | <input type="checkbox"/> |
| (iii) Attributes | <input type="checkbox"/> | (iv) All of them | <input type="checkbox"/> |
- (b) A java program is made up of
- | | | | |
|---------------|--------------------------|--------------------|--------------------------|
| (i) Objects | <input type="checkbox"/> | (ii) Attributes | <input type="checkbox"/> |
| (iii) Classes | <input type="checkbox"/> | (iv) None of these | <input type="checkbox"/> |
- (c) Creating an object of a class is called
- | | | | |
|-------------------|--------------------------|------------------------|--------------------------|
| (i) Attributes | <input type="checkbox"/> | (ii) Instantiation | <input type="checkbox"/> |
| (iii) Constructor | <input type="checkbox"/> | (iv) Both (i) and (ii) | <input type="checkbox"/> |
- (d) Which type of data type is a class?
- | | | | |
|---------------------|--------------------------|--------------------|--------------------------|
| (i) Primitive | <input type="checkbox"/> | (ii) Instance | <input type="checkbox"/> |
| (iii) Non-primitive | <input type="checkbox"/> | (iv) None of these | <input type="checkbox"/> |
- (e) What is used for initializing an object created by the class?
- | | | | |
|---------------------|--------------------------|-----------------|--------------------------|
| (i) Constructor | <input type="checkbox"/> | (ii) Class | <input type="checkbox"/> |
| (iii) Instantiation | <input type="checkbox"/> | (iv) Attributes | <input type="checkbox"/> |
- (f) How many objects can be created by using the characteristics and behaviour of the same class?
- | | | | |
|------------|--------------------------|-------------|--------------------------|
| (i) Two | <input type="checkbox"/> | (ii) Eleven | <input type="checkbox"/> |
| (iii) Five | <input type="checkbox"/> | (iv) Many | <input type="checkbox"/> |
- (g) Which of the following has the portability fixed.
- | | | | |
|--------------|--------------------------|------------------------|--------------------------|
| (i) Desktop | <input type="checkbox"/> | (ii) Supercomputer | <input type="checkbox"/> |
| (iii) Laptop | <input type="checkbox"/> | (iv) Both (i) and (ii) | <input type="checkbox"/> |
- (h) Which of the following is not the component of declaring a class.
- | | | | |
|----------------|--------------------------|------------------|--------------------------|
| (i) Class name | <input type="checkbox"/> | (ii) Methods | <input type="checkbox"/> |
| (iii) Objects | <input type="checkbox"/> | (iv) Data member | <input type="checkbox"/> |

2. Define the following.

- (a) Constructor
(b) Class
(c) User-defined data type
(d) Object