

Worksheet

1

Name:

Roll No: Class: Section:

Date:

ELEMENTARY CONCEPT OF OBJECTS AND CLASSES

Chapter-2

1. Tick (✓) the correct option.

- (a) Which of the following is the blueprint for creating objects of the same kind?
- | | | | |
|-------------------------|--------------------------|--------------------|--------------------------|
| (i) instance | <input type="checkbox"/> | (ii) class | <input type="checkbox"/> |
| (iii) both (i) and (ii) | <input type="checkbox"/> | (iv) none of these | <input type="checkbox"/> |
- (b) Which of the following keyword is used to create an object of class?
- | | | | |
|-------------|--------------------------|---------------|--------------------------|
| (i) new | <input type="checkbox"/> | (ii) object | <input type="checkbox"/> |
| (iii) class | <input type="checkbox"/> | (iv) instance | <input type="checkbox"/> |
- (c) Class is a datatype?
- | | | | |
|------------------|--------------------------|--------------------|--------------------------|
| (i) user defined | <input type="checkbox"/> | (ii) pre-defined | <input type="checkbox"/> |
| (iii) object | <input type="checkbox"/> | (iv) none of these | <input type="checkbox"/> |
- (d) If a shape is a class, then which of the following can be the object of the shape class?
- | | | | |
|-----------------|--------------------------|-------------------|--------------------------|
| (i) line | <input type="checkbox"/> | (ii) curve | <input type="checkbox"/> |
| (iii) rectangle | <input type="checkbox"/> | (iv) All of these | <input type="checkbox"/> |
- (e) Class occupies space in memory, when
- | | | | |
|-------------------------|--------------------------|------------------------|--------------------------|
| (i) class is created | <input type="checkbox"/> | (ii) object is created | <input type="checkbox"/> |
| (iii) both (i) and (ii) | <input type="checkbox"/> | (iv) none of these | <input type="checkbox"/> |
- (f) what does a class consist of:
- | | | | |
|-----------------------|--------------------------|-------------------------|--------------------------|
| (i) behaviours | <input type="checkbox"/> | (ii) none of these | <input type="checkbox"/> |
| (iii) characteristics | <input type="checkbox"/> | (iv) both (i) and (iii) | <input type="checkbox"/> |
- (g) An object is also called an instance of a class as it has properties as its class
- | | | | |
|-----------------|--------------------------|--------------------|--------------------------|
| (i) same | <input type="checkbox"/> | (ii) opposite | <input type="checkbox"/> |
| (iii) different | <input type="checkbox"/> | (iv) none of these | <input type="checkbox"/> |

2. Mention five characteristics and two methods of the following classes.

- (a) class school
(b) class park
(c) class medicine
(d) class computer
(e) class employee