

ELEMENTARY CONCEPT OF OBJECTS AND CLASSES

A. Tick (✓) the correct option.

1. What is encapsulated inside a class?

a. Only variables

☐

b. Only methods

☐

c. Both data members and methods

☐

d. Only constructors

☐

2. What is the process of creating an object called?

a. Inheritance

☐

b. Instantiation

☐

c. Compilation

☐

d. Execution

☐

B. Fill in the Blanks

1. The process of creating an object is called

2. A class in Java is declared using the keyword

3. are functions that define the behavior of an object.

4. Objects are stored in memory when created.

C. Match the Following

Column A

1. Object creation

2. Method

3. Attributes

4. Class

Column B

i. Represent object characteristics

ii. Instantiation

iii. Contains data members and methods

iv. Defines behavior

D. Short Questions

1. What is meant by instantiation in Java?

2. How do you create an object in Java?

3. Give an example of a class and its corresponding objects.

4. What is the importance of methods in a class?