Guidelines: Answer the questions below by ticking the box next to the correct response(s) to each question. Be sure to check your answers to ensure that they are correct.

1. **What is an object?**
   Choose one answer.

   ☐ A. An object is an instance of a class – there may be many objects created from a single class
   ☐ B. An object is an extension of a class – there is one object created per class
   ☐ C. An object is the official name given to a class found in a library
   ☐ D. An object is the name given to graphical components only

2. **What is an object property?**
   Choose one answer.

   ☐ A. A property is made up of numerous objects, i.e. a car property has a colour object
   ☐ B. A property is the name given to a technical structure in a program
   ☐ C. A property is a characteristic of an object, i.e. the manufacturer and model of a car object
   ☐ D. A property is a timestamp of when an object was instantiated

3. **What line of code is needed to create an object called 'TheHobbit' from the following class?**

   ```java
   public class Book{
       public String title;
       public String author;
       public String isbn;
   }
   ```

   Choose one answer.

   ☐ A. Book TheHobbit = new Book(title,author,isbn);
   ☐ B. Book TheHobbit = Book(title,author,isbn);
   ☐ C. Book TheHobbit = new title,author,isbn;
   ☐ D. Book TheHobbit = new Book();

4. **What is the purpose of the following line of code?**

   ```java
   ArrayList<Book> myBooks = new ArrayList<Book>();
   ```

   Choose one answer.

   ☐ A. Instantiates a book list, of type ArrayList, to store ArrayList objects
   ☐ B. Instantiates a dynamic array list, of type myBooks, to store myBooks objects
   ☐ C. Instantiates a dynamic array list, of type Book, to store Book objects made from the Book class
   ☐ D. Instantiates a book list, of type myBooks, to store ArrayList objects

5. **What is the purpose of the following code?**

```
for(Book myItem : myBooks){
    System.out.println("\n---->Books:");          System.out.println("Title:
" + myItem.title);              System.out.println("Author: " +
myItem.author);              System.out.println("ISBN: " + myItem.isbn);
}
```

Choose one answer.

☐   A.   This is a 'FOR' loop used to iterate through the Book array
☐   B.   This is a 'FOR EACH' loop used to iterate through the myItem array
☐   C.   This is a 'FOR EACH' loop used to iterate through each Book item found in the myBooks array
☐   D.   This is a 'FOR' loop used to iterate from 0 to the myBooks value

6. **What is a constructor?**

Choose one answer.

☐   A.   A constructor enables an object to be created from a class with a set of default values
☐   B.   A constructor enables a class to be created from an object with a set of default values
☐   C.   A constructor enables an object to be created from a class
☐   D.   A constructor enables a class to be created from an object