1. The input/output package usually used with Java is:
2. java.input
3. java.io
4. java.inout
5. java.file

Answer: b

1. What is the name of the abstract base class for streams dealing with general purpose (non-character) input?
2. InputStream
3. OutputStream
4. Reader
5. Writer

Answer: a

1. Which of these are legal ways of accessing a File named "file.txt" for reading? Select the two correct answers.
2. FileReader fr = new FileReader("file.txt");
3. FileInputStream fr = new FileInputStream("file.txt");

InputStreamReader isr = new InputStreamReader(fr, "UTF8");

1. FileReader fr = new FileReader("file.tst", "UTF8");
2. InputStreamReader isr = new InputStreamReader("file.txt");

Answer: a, b

1. Which of these classes are abstract? Select the two correct answers.
2. Reader
3. CharArrayReader
4. InputStream
5. DataInputStream

Answer: a, c

1. File f = new File(“test.tst”);

Which of the following statements are true?

1. File “test.txt” must exist.
2. f.getParent() returns current directory.
3. f.renameTo method may be used to move the file.
4. f.isFile() always returns true.

Answer: c

1. Which of the following statement are true?
2. close() method of BufferedOutputStream automatically flushes stream before closing it;
3. BufferedOutputStream is inherited from BufferedStream;
4. InputStream.read() returns character read from the stream;
5. InputStream.reset() repositions this stream to the position at the time the mark method was last called on this input stream.

Answer: a, d

1. Which of the following statements are false?
2. System.in implements Closable interface;
3. File class contains static methods for basic I/O operations (i. e. read, write);
4. InputStreamReader is inherited from StreamReader;
5. System.out is inherited from BufferedOutputStream.

Answer: b, c, d

1. Serializable interface contains serialize() method?
2. Yes
3. No
4. Which of these is an interface for control over serialization and deserialization?
5. Externalization
6. ObjectInput
7. Serializable
8. FileFilter

Answer: c

1. What is the output of this program?

**import** java.io.\*;

**class** SerializationQA {

**public** **static** **void** main(String[] args) {

**try** {

Myclass object1 = **new** Myclass("Hello", -7, 2.1e10);

FileOutputStream fos = **new** FileOutputStream("serial");

ObjectOutputStream oos = **new** ObjectOutputStream(fos);

oos.writeObject(object1);

oos.flush();

oos.close();

}

**catch**(Exception e) {

System.out.println("Serialization" + e);

System.exit(0);

}

**try** {

**int** x;

FileInputStream fis = **new** FileInputStream("serial");

ObjectInputStream ois = **new** ObjectInputStream(fis);

x = ois.readInt();

ois.close();

System.out.println(x);

}

**catch** (Exception e) {

System.out.print("deserialization");

System.exit(0);

}

}

}

**class** Myclass **implements** Serializable {

String s;

**int** i;

**double** d;

Myclass(String s, **int** i, **double** d){

**this**.d = d;

**this**.i = i;

**this**.s = s;

}

}

1. -7
2. Hello
3. 2.1E10
4. deserialization

Answer: d

1. What is the output of this program?
2. **import** java.io.\*;
3. **class** Streams {
4. **public** **static** **void** main(String[] args) {
5. **try** {
6. FileOutputStream fos = **new** FileOutputStream("serial");
7. ObjectOutputStream oos = **new** ObjectOutputStream(fos);
8. oos.writeFloat(3.5F);
9. oos.flush();
10. oos.close();
11. }
12. **catch**(Exception e) {
13. System.out.println("Serialization" + e);
14. System.exit(0);
15. }
16. **try** {
17. FileInputStream fis = **new** FileInputStream("serial");
18. ObjectInputStream ois = **new** ObjectInputStream(fis);
19. System.out.println(ois.available());
20. }
21. **catch** (Exception e) {
22. System.out.print("deserialization");
23. System.exit(0);
24. }
25. }
26. }
    1. 1
    2. 2
    3. 3
    4. 4

Answer: d

1. Which of these class extend InputStream class?
2. ObjectStream
3. ObjectInputStream
4. ObjectOutput
5. ObjectOutputStream

Answer: b