GLS UNIVERSITY
BCA (SEM-V)
SUBJECT: 0301502 Advance Java
ASSIGNMENT – 1 (Unit -1 File handling)
Submission Date: 21/12/2022

A. Fill in the blanks

1. _____ stream helps to convert raw bytes into the basic type of Java.
2. _____is a sequence of bytes or characters that travel from source to destination over a communication path.
3. _____method of File class returns string array of the file names of the directory.
4. The classes used for Disk File handling are ____ and _____.
5. The Java I/O related classes are availabe in _____ package.
6. The _____ class is used only to know the details about the file.
7. _____ method returns -1 when end of file is encounterd.
8. _____ method of RandomAccessFile will return the current location of the file pointer
9. _____ method flushes the stream.
10. _____ and _____class is used to read/write an object to/from file.
11. _____class helps to write objects to an output stream as a series of bytes.
12. Disk oriented random access files are handle in the _____ class.

B. State True or False

1. For the abstract classes, Object cannot be created but references of this type can be declared.
2. A stream can be defined as a sequence of data.
3. he java.io package contains all the classes required for input and output operations.
4. File class can be used to read and write bytes into a file.
5. In byte stream, data are accessed as a sequence of bytes.
6. Avilable() method returns total number of remaining bytes that can be read from this input stream without blocking.
7. RandomAccessFiles are also known as instant access files.
8. Seek() method returns the current location of the file pointer.
9. Length method returns the length of the file in bytes.
10. SequenceInputStream class is used to read data from several files.

C. Explain in Detail

1. Explain any five methods of File class.
2. Explain any five methods of InputStream calss.

3. Explain any five methods of OutputStream calss.
4. Explain FileInputStream and FileOutputStream class with its constructure and example to read data from a File.
5. Explain BufferedInputStream and BufferedOutput class with its constructure. and example to read data from a File.
6. Exaplin DataInputStreaam and DataOutput Streaam class with example and methods.
7. Exaplin ObjectInputStreaam and ObjectOutput Streaam class.
8. Explain RandomAccessFile class

Question set A and B are Compulsory for each student.
Question Set C need to attempt as follow:

- Odd Rollno students have to write odd questions.
- Even Rollno students have to write even questions.