IO operation

1) What is Input & output stream?

→ A stream can be defined as a sequence of data. The Input stream is used to read data from a source & the output stream is used for writing data to a destination.

2) What are the methods of output stream?

- write() ⇒ writes the specifid byte to output

- write(byte[] array) - writes from array.

- flush()

- close() - close the output stream

3) What is serialization in Java?

- It is the process of converting an object into a stream of bytes to transfer it over a network or to store it in a file or database.

It is done by implementing the Serializable interface.

4) what is Serializable interface?
- It is a marke interface that has
no methods. It is used to mark
classes that can be serialized.

5) what is deserialization?
- It is a process of converting a stream
of byte back into an object instance

6) How is serialization acheived?
→ It is acheived by implementing the
serializable interface

7) How is deserialization acheived?
→ It is acheived by reading a stream
of bytes. By calling readObject() methood
of an objectInputStream instance.

8) How can you avoid certain member variables
from getting serialized?
→ Mark member variable as static or
transient.

9) what class are available in IO File Classes API?
→ File
Random AccessFile
FileInput Stream
FileReader
File OutputStream
FileWriter.