1. Which of these packages contain classes and interfaces used for input & output operations of a program?

a) java.util

b) java.lang

**c) java.io**

d) all of the mentioned

2. Which of these class is not a member class of java.io package?

**a) String**

b) StringReader

c) Writer

d) File

3. Which of these interface is not a member of java.io package?

a) DataInput

b) ObjectInput

**c) ObjectFilter**

d) FileFilter

4. Which of these class is not related to input and output stream in terms of functioning?

**a) File**

b) Writer

c) InputStream

d) Reader

5. Which of these is specified by a File object?

a) a file in disk

b) directory path

**c) directory in disk**

d) none of the mentioned

6) Which of these is method for testing whether the specified element is a file or a directory?

a) IsFile()

**b) isFile()**

c) Isfile()

d) isfile()

7) What will be the output of the following Java code?

import java.io.\*;

class files

{

public static void main(String args[])

{

File obj = new File("/java/system");

System.out.print(obj.getName());

}

}

a) java

**b) system**

c) java/system

d) /java/system

8) What will be the output of the following Java program? (Note: file is made in c drive.)

import java.io.\*;

class files

{

public static void main(String args[])

{

File obj = new File("/java/system");

System.out.print(obj.getAbsolutePath());

}

}

a) java

b) system

c) java/system

**d) javasystem**

9) What will be the output of the following Java program? (Note: file is made in c drive.)

import java.io.\*;

class files

{

public static void main(String args[])

{

File obj = new File("/java/system");

System.out.print(obj.canWrite());

System.out.print(" " + obj.canRead());

}

}

a) true false

b) false true

c) true true

**d) false false**

10) What will be the output of the following Java program? (Note: file is made in c drive.)

import java.io.\*;

class files

{

public static void main(String args[])

{

File obj = new File("/java/system");

System.out.print(obj.getParent());

System.out.print(" " + obj.isFile());

}

}

a) java true

b) java false

**c) java false**

d) java true

11) Which of these classes is used for input and output operation when working with bytes?

**a) InputStream**

b) Reader

c) Writer

d) All of the mentioned

12) Which of these class is used to read and write bytes in a file?

a) FileReader

b) FileWriter

**c) FileInputStream**

d) InputStreamReader

13) Which of these method of InputStream is used to read integer representation of next available byte input?

**a) read()**

b) scanf()

c) get()

d) getInteger()

14) Which of these data type is returned by every method of OutputStream?

a) int

b) float

c) byte

**d) none of the mentioned**

15) Which of these is a method to clear all the data present in output buffers?

a) clear()

**b) flush()**

c) fflush()

d) close()

16) Which of these stream contains the classes which can work on character stream?

a) InputStream

b) OutputStream

**c) Character Stream**

d) All of the mentioned

17) Which of these class is used to read characters in a file?

**a) FileReader**

b) FileWriter

c) FileInputStream

d) InputStreamReader

18) Which of these method of FileReader class is used to read characters from a file?

**a) read()**

b) scanf()

c) get()

d) getInteger()

19) Which of these class can be used to implement the input stream that uses a character array as the source?

a) BufferedReader

b) FileReader

**c) CharArrayReader**

d) FileArrayReader

20) Which of these classes can return more than one character to be returned to input stream?

a) BufferedReader

b) Bufferedwriter

**c) PushbachReader**

d) CharArrayReader

21) \_\_\_\_\_\_is responsible for establishing a connection.

a) Socket

b) ServerSocket

**c) ClientSocket**

d) None of the above

22) try{

File f = new File("a.txt");

}catch(Exception e){

}catch(IOException io){

}

Is this code create new file name a.txt ?

a) true

b) false

**c) Compilation Error**

d) None of these

23) Which of these classes defined in java.io and used for file-handling are abstract?

A) InputStream

B) PrintStream

C) Reader

D) FileInputStream

E) FileWriter

a) Only A

b) Only C

**c) A and C**

d) B and D

24) When comparing java.io.BufferedWriter and java.io.FileWriter, which capability exist as a method in only one of two ?

a) closing the stream

b) flushing the stream

c) writting to the stream

**d) writting a line separator to the stream**

25) Which method is used to write a byte to the current output stream?

**a) public void write(int)throws IOException**

b) public void write(byte[])throws IOException

c) public void flush()throws IOException

d) public void close()throws IOException

26) Which method is used to write an array of byte to the current output stream?

a) public void write(int)throws IOException

**b) public void write(byte[])throws IOException**

c) public void flush()throws IOException

d) public void close()throws IOException

27) Which of these class is not a member class of java.io package?

a) File

b) StringReader

c) Writer

**d) String**

28) \_\_\_\_\_\_\_\_\_\_\_ returns true if called on a file and returns false when called on a directory.

a) IsFile()

b) Isfile()

**c) isFile()**

d) isfile()

29) What will be output for the following code?

import java.io.\*;

class files

{

public static void main(String args[])

{

File obj = new File(""/java/system"");

System.out.print(obj.getName());

}

}

a) java

**b) system**

c) java/system

d) /java/system

30) What will be output for the following code? Note: file is made in c drive

import java.io.\*;

class files

{

public static void main(String args[])

{

File obj = new File(""/java/system"");

System.out.print(obj.canWrite());

System.out.print("" "" + obj.canRead());

}

}

a) true false

b) false true

c) true true

**d) false false**

31) What will be the output of the following Java program?

import java.io.\*;

class filesinputoutput

{

public static void main(String args[])

{

InputStream obj = new FileInputStream("inputoutput.java");

System.out.print(obj.available());

}

}

Note: inputoutput.java is stored in the disk.

a) true

b) false

**c) prints number of bytes in file**

d) prints number of characters in the file

32) Which method is used to create a directory with fileattributes?

a) Path.create()

b) Path.createDirectory()

**c) Files.createDirectory(path, fileAttributes)**

d) Files.create(fileAttributes)

33) Which method can be used to check fileAccessiblity?

a) isReadable(path)

b) isWritable(path)

c) isExecutable(path)

**d) isReadable(path), isWritable(path), and isExecutable(path)**

34) How can we delete all files in a directory?

**a) Files.delete(path)**

b) Files.deleteDir()

c) Directory.delete()

d) Directory.delete(path)

35) How to copy the file from one location to other?

**a) Files.copy(source, target)**

b) Path.copy(source, target)

c) source.copy(target)

d) Files.createCopy(target)

36) How can we get the size of specified file?

a) capacity(path)

**b) size(path)**

c) length(path)

d) Path.size()

37) These commonly used methods of

1) public abstract int read()throws IOException

2) public int available()throws IOException

3) public void close()throws IOException

a) OutputStream class

**b) InputStream class**

c) Input/OutputStream class

d) None of the above

38) How can we create a symbolic link to file?

a) createLink()

b) createSymLink()

**c) createSymbolicLink()**

d) createTempLink()

39) How can we filter lines based on content?

**a) lines.filter()**

b) filter(lines)

c) lines.contains(filter)

d) lines.select()

40) Which of these values is returned by read() method is end of file (EOF) is encountered?

a) 0

b) 1

**c) -1**

d) Null