

Information to be shared with students by mentors		
COVID-19	Hostellers	Day scholar opting for Transport
<ul style="list-style-type: none"> Students to bring negative RTPCR reports of last 72 hours in case below 18yrs. Vaccinated students to bring certificate of covid-19 vaccination (at least first dose) Student with RTPCR/Vaccination certificate will only be allowed for registration in their department. 	<p>Hostel Fee Status (Paid) Hostel Allocation and room no. will be available on CUIMS</p> <p>Hostel Fee status (Pending) Student will have to clear the dues for the hostel allocation</p>	<ul style="list-style-type: none"> Student to fill the transport consent form on CUIMS Student to share UID, Pick up point and mobile number to the transport office by email or message at earliest. Email: Transport@cumail.in Phone no.: 8146651560, 7527009682

Google Sheet: <https://docs.google.com/spreadsheets/d/1DIA4LmSkxxNZ0Dixhg1Ffss5XB78IR3cpaMYxzYn89w/edit?usp=sharing>

PASSAGE

Below are the Questions related to Java FileReader class and Java FileWriter class.../br> Java FileWriter class is used to write character-oriented data to a file. It is character-oriented class which is used for file handling in java.

Java FileReader class is used to read data from the file. It returns data in byte format like FileInputStream class. It is character-oriented class which is used for file handling in java.

Choose the correct option. (1 Mark)

Select the valid constructor for FileReader class

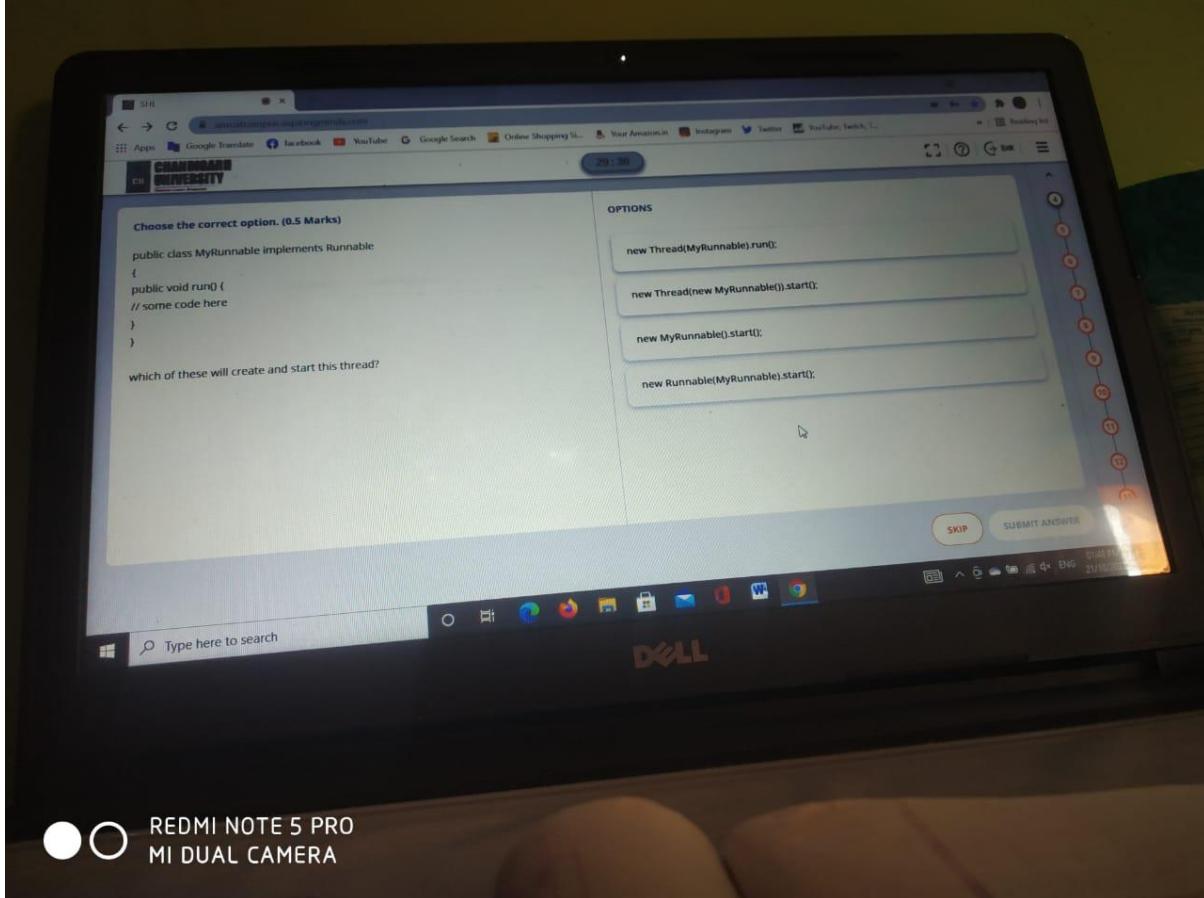
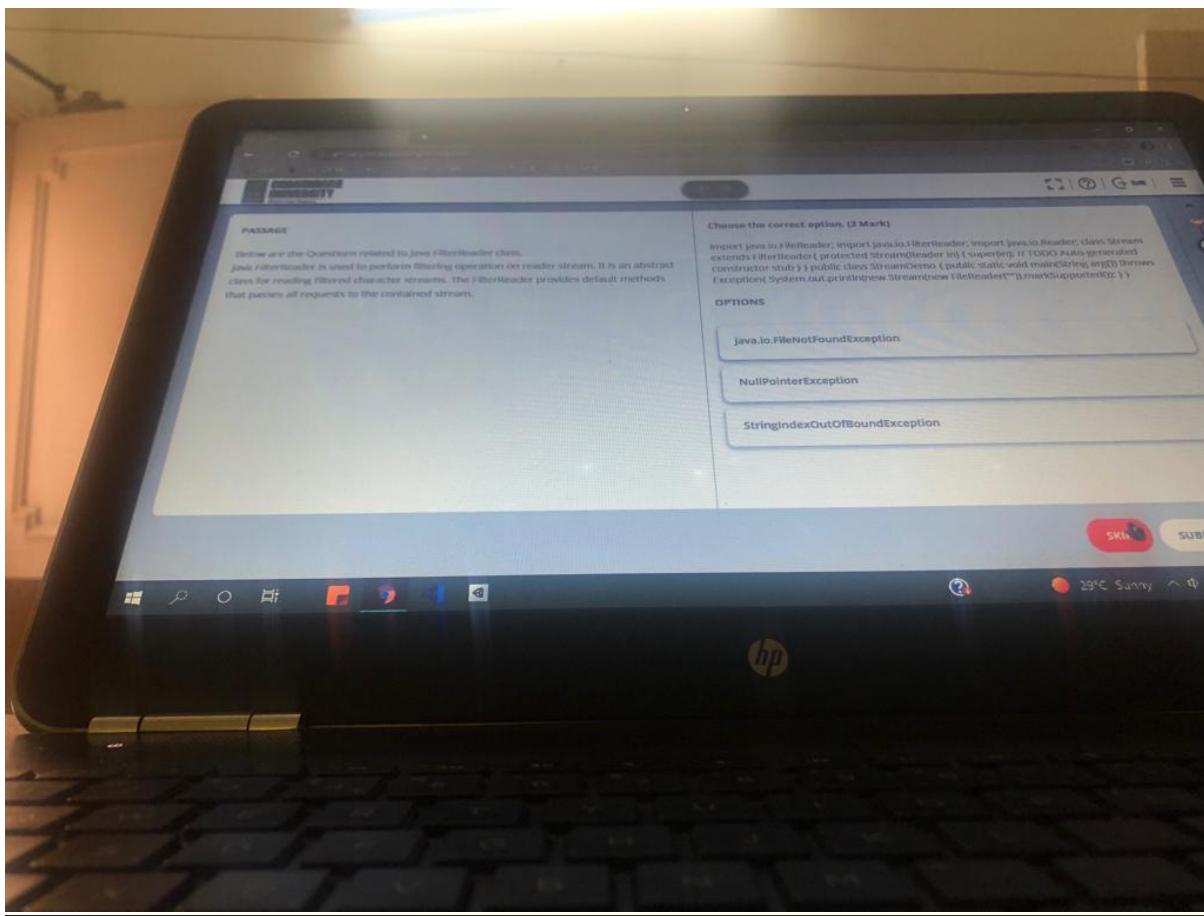
1. FileReader(String file)
2. FileReader(File file)
3. FileReader()

OPTIONS

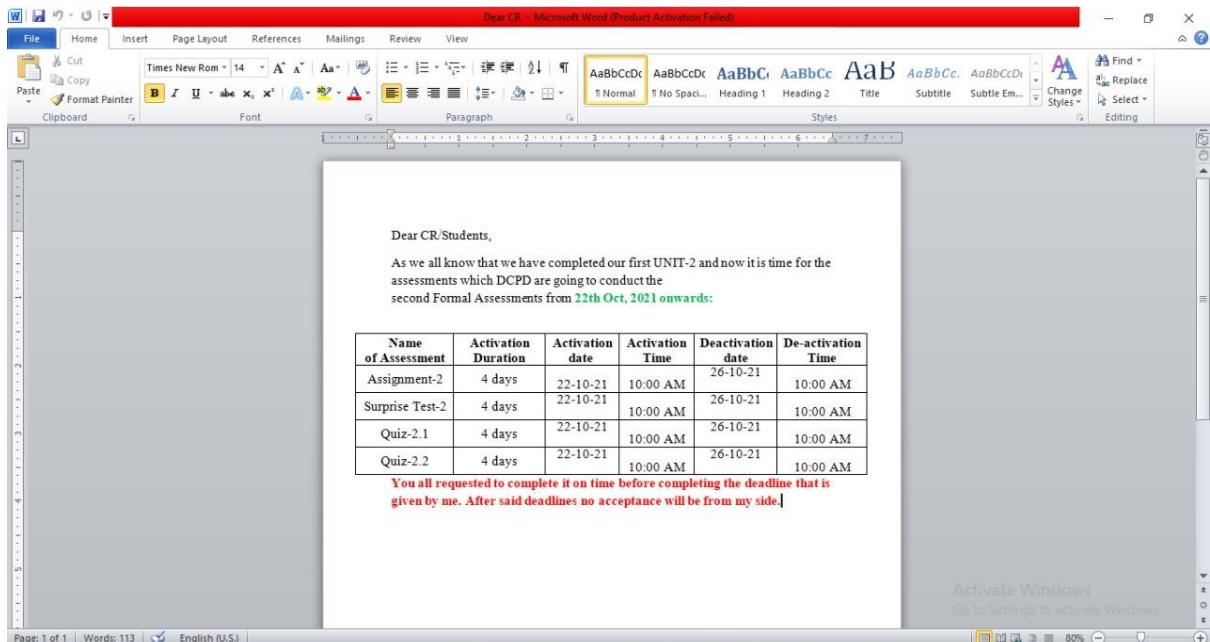
1
1 and 2
1, 2 and 3
None

SUBMIT ANSWER

25
26
27
28
29
30
31
32
33



REDMI NOTE 5 PRO
MI DUAL CAMERA



A screenshot of a web-based assessment platform. The top navigation bar shows tabs for "Welcome to Chandigarh University", "Chandigarh University Management", and "SHL". The main content area displays a question: "Choose the correct option. (0.5 Marks)". The question is: "Runnable is a class in java use to create a Thread." Below the question are two options: "true" and "false". The "true" option is selected.

OPTIONS

true

false

CHANDIGARH UNIVERSITY

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15 Progress Report 11

07 : 06

Choose the correct option. (0.5 Marks)

These three methods are commonly used in?

```
public char[] readPassword(String fmt, Object... args)  
public String readLine()  
public String readLine(String fmt, Object... args)
```

OPTIONS

DataInputStream

Console class

Scanner Class

InputStreamReader class

07 : 00

Choose the correct option. (0.5 Marks)

The statement throws which exception

```
FileInputStream fis = new FileInputStream("filename");
```

OPTIONS

None

IOException

FileNotFoundException

ClassNotFoundException



PASSAGE

Below are the Questions related to Java FilterReader class.
Java FilterReader is used to perform filtering operation on reader stream. It is an abstract class for reading filtered character streams. The FilterReader provides default methods that passes all requests to the contained stream.

Choose the correct option. (2 Mark)

```
import java.io.FilterReader; import java.io.FilterReader; import java.io.Reader; class Stream extends  
FilterReader( protected Stream(Reader in) { super(in); // TODO Auto-generated constructor stub } );  
public class StreamDemo { public static void main(String args[]) throws Exception{  
System.out.println(new Stream(new FileReader(""));).markSupported()); } }
```

OPTIONS

java.io.FileNotFoundException
NullPointerException
StringIndexOutOfBoundsException

Skipped

SUBMIT ANSWER

PASSAGE

Below are the Questions related to Java FilterReader class.
Java FilterReader is used to perform filtering operation on reader stream. It is an abstract class for reading filtered character streams. The FilterReader provides default methods that passes all requests to the contained stream.

Choose the correct option. (2 Mark)

FilterReader class extends

OPTIONS

Writer
FilterReader
CharReader
Reader

15:17

OPTIONS

Thread[main,5,main]

Thread[main,5]

Thread[main,0]

Thread[5,main]

Choose the correct option. (0.5 Marks)

What will be the output of the following Java code?

```
class multithreaded_programing
{
    public static void main(String args[])
    {
        Thread t = Thread.currentThread();
        System.out.println(t);
    }
}
```

OPTIONS

I/O Operations

Serializable

Serial

JVM





Choose the correct option. (0.5 Marks)

Only those Object can be read from the streams that supports

18 : 10

OPTIONS

false

true

Choose the correct option. (0.5 Marks)

The valid constructors for Thread class is

Thread(String name, Runnable r)

OPTIONS

DataInputStream

Console class

InputStreamReader class

Scanner Class

Choose the correct option. (0.5 Marks)

These three methods are commonly used in?

public char[] readPassword(String fmt, Object... args)

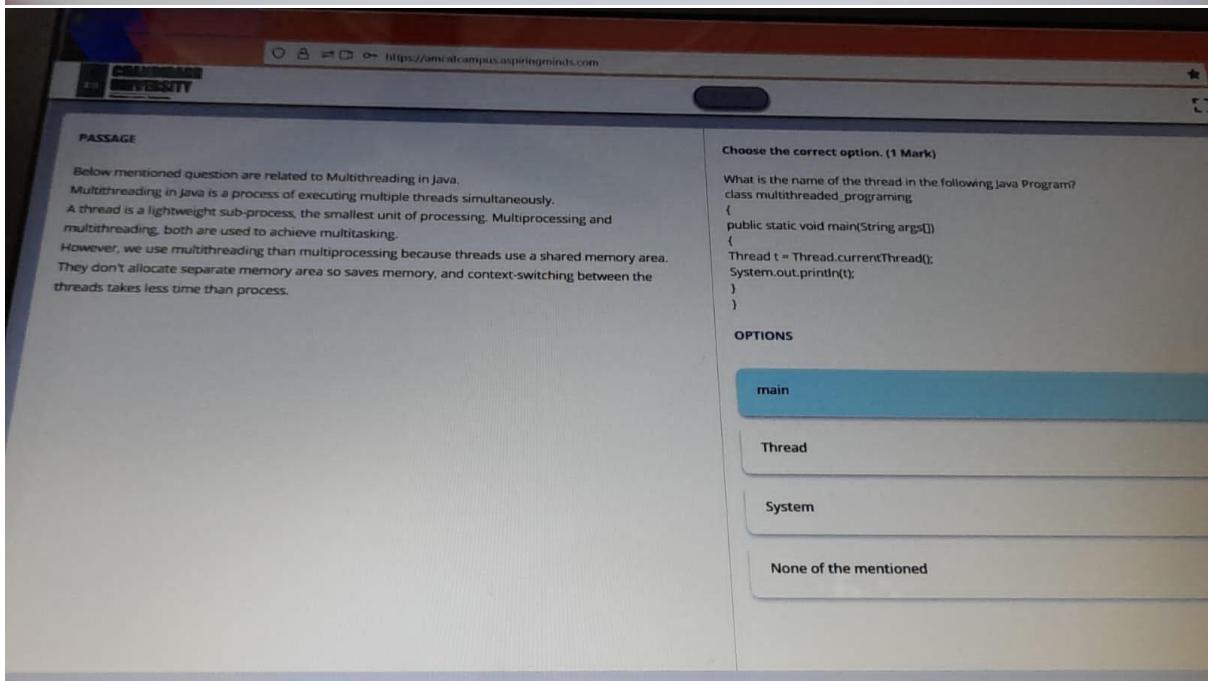
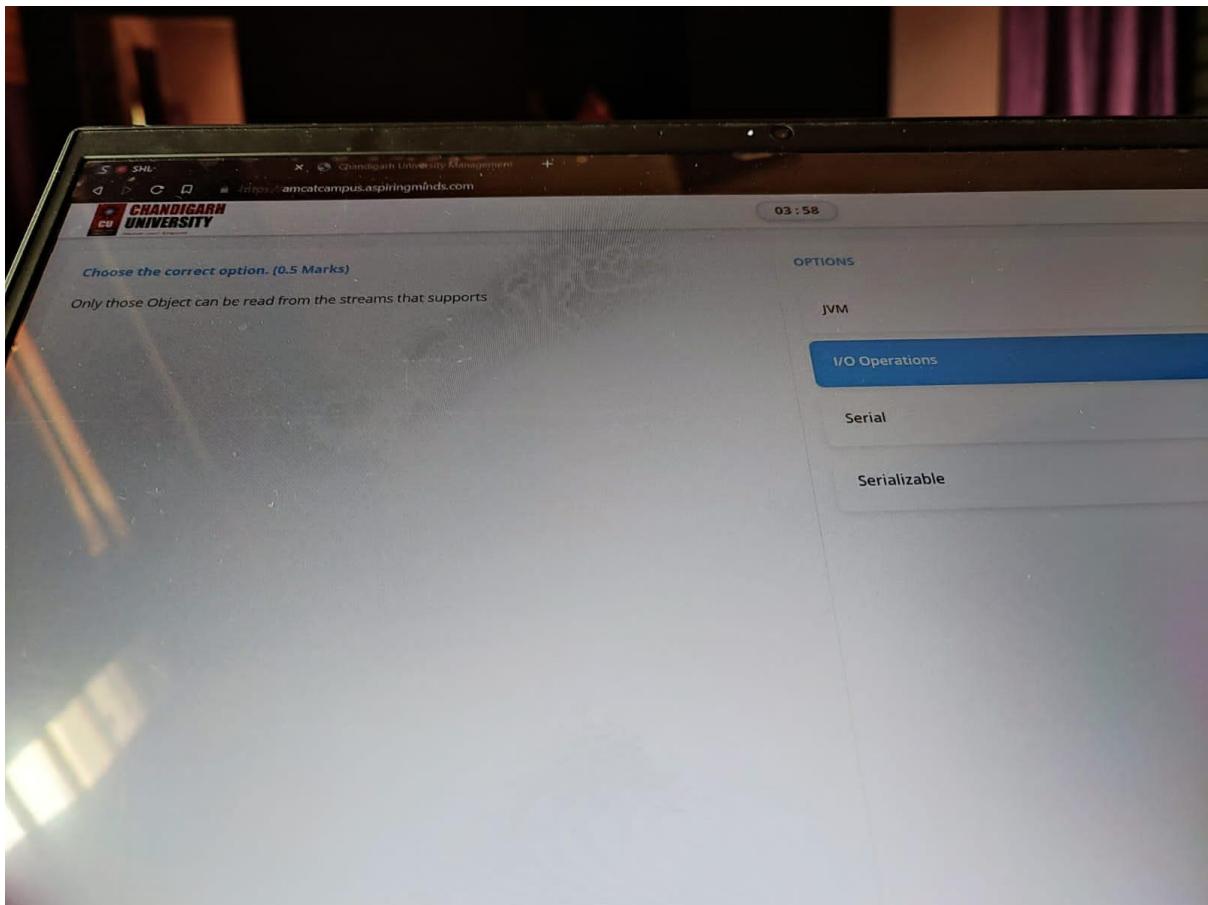
public String readLine()

public String readLine(String fmt, Object... args)



Type here to search





Choose the correct option. (2 Mark)

FilterReader class extends

OPTIONS

Writer

FilterReader

CharReader

Reader



2.0

11:29

57 : 44

Exit



Information

Question

Q23 / 40

Choose the correct option. (1 Mark)

- Select the valid read() syntax:
1. int read()
 2. int read(char[] b)
 3. int read(char[] b, int off, int len)
 4. int read(CharBuffer b)
 5. int read(CharBuffer b, int off, int len)

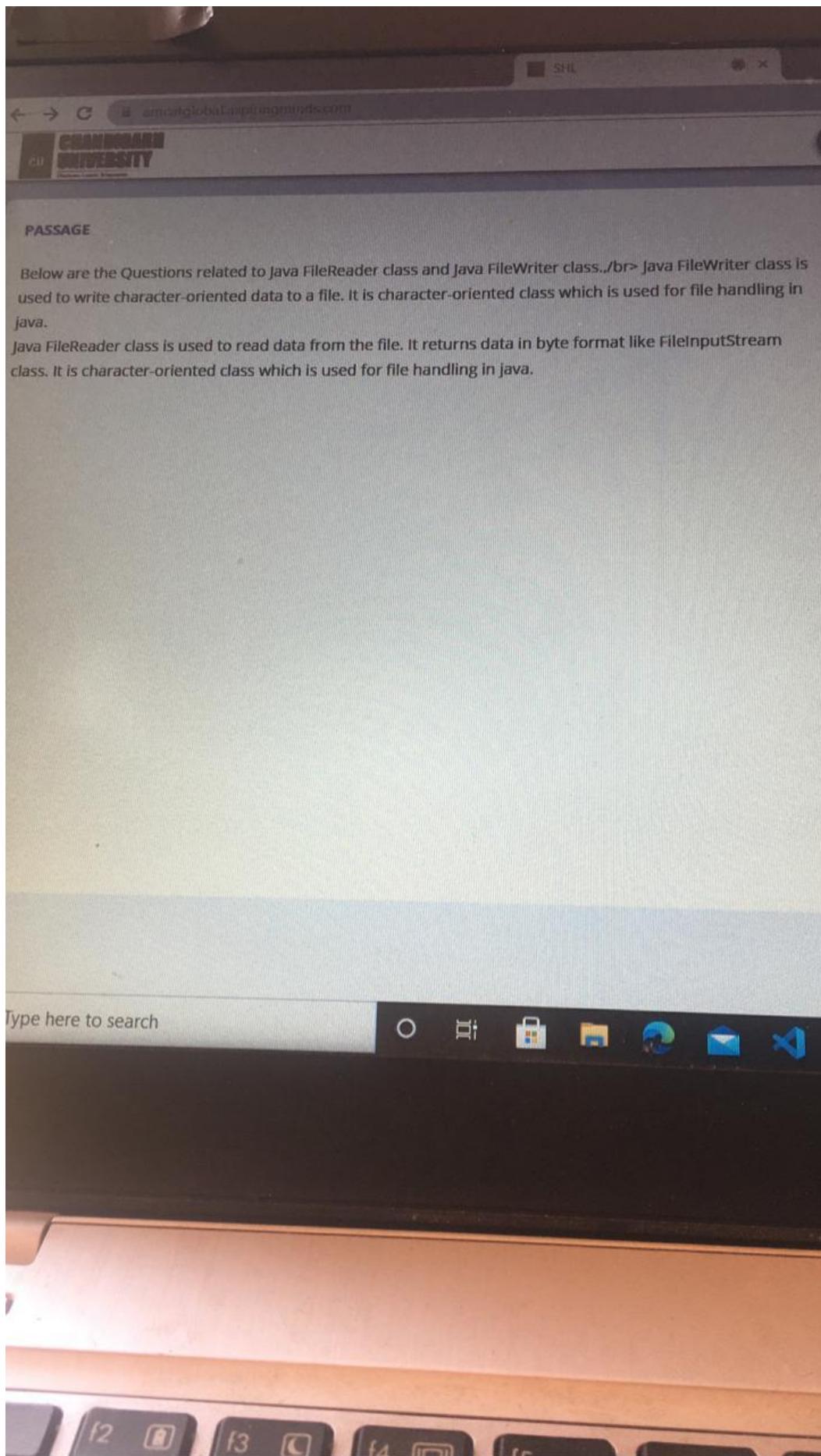
OPTIONS

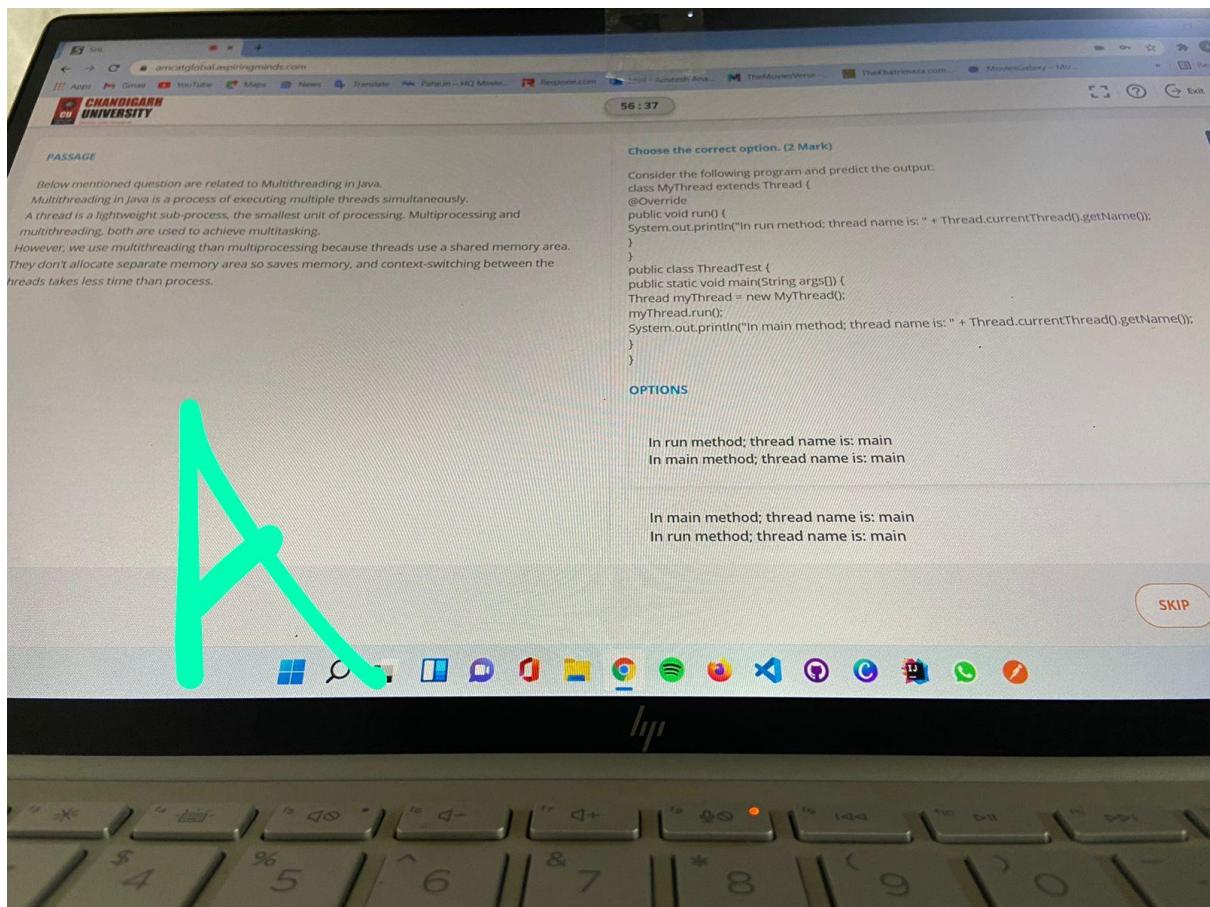
1 and 2

1,2 and 3

1,2,3 and 4

1,2,3,4 and 5





13:22

catglobal.aspiringminds.com 15 :

57 : 00 Exit

Information Question Q24 / 40

Choose the correct option. (1 Mark)

Select the valid read() syntax:

1. int read()
2. int read(char[] b)
3. int read(char[] b, int off, int len)
4. int read(CharBuffer b)
5. int read(CharBuffer b, int off, int len)

OPTIONS

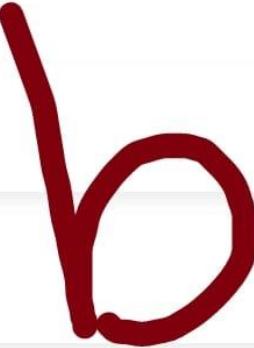
1 and 2

1,2 and 3

1,2,3 and 4

1,2,3,4 and 5

SKIP **SUBMIT ANSWER**



13:23

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56 : 44 Exit |

Information Question Q26 / 40

Which of these statements is incorrect?

OPTIONS

By multithreading CPU idle time is minimized, and we can take maximum use of it

By multitasking CPU idle time is minimized, and we can take maximum use of it

Two thread in Java can have the same priority

A thread can exist only in two states, running and blocked

SKIP **SUBMIT ANSWER**

☰ ☐ ◀ ⌂

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15



57 : 04

Exit



Information

Question

Q23 / 40



Choose the correct option. (1 Mark)

Select the valid constructor for FileWriter class

1. `FileWriter(String file)`
2. `FileWriter(File file)`
3. `FileWriter()`

OPTIONS

1

1 and 2

1, 2 and 3

None

V

SKIP

SUBMIT ANSWER



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15



56 : 55

Exit



Information

Question

Q25 / 40



Choose the correct option. (1 Mark)

Select the valid write() syntax:

- 1. void write(String s)
- 2. void write(char c)
- 3. void write(char [] c)
- 4. void write(String b)
- 5. void write(String b, int off, int len)

OPTIONS

1

1 and 2

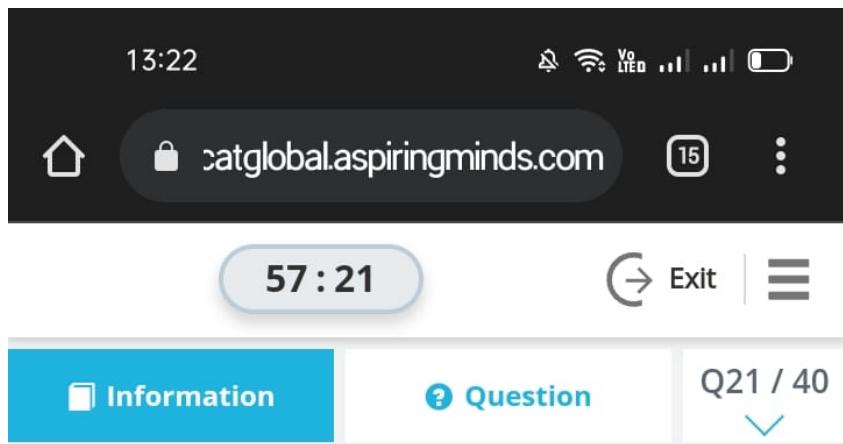
1, 2 and 3

None

SKIP

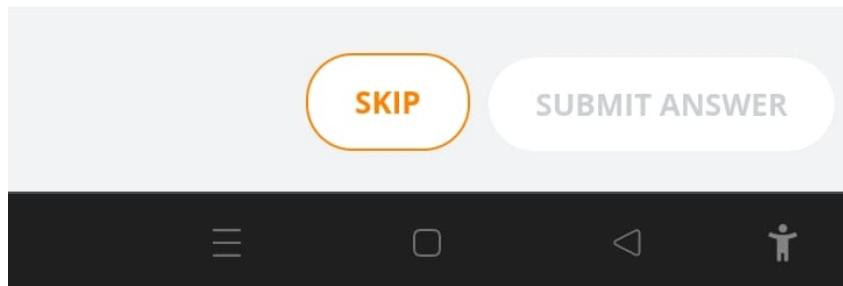
SUBMIT ANSWER





PASSAGE

Below are the Questions related to Java
FileReader class and Java FileWriter class.,/br>Java FileWriter class is used to write character-oriented data to a file. It is character-oriented class which is used for file handling in java.
Java FileReader class is used to read data from the file. It returns data in byte format like FileInputStream class. It is character-oriented class which is used for file handling in java.



13:22



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15



57 : 09

Exit



Information

Question

Q22 / 40



Choose the correct option. (1 Mark)

Select the valid constructor for FileReader class

1. FileReader(String file)
2. FileReader(File file)
3. FileReader()

OPTIONS

1

1 and 2

1, 2 and 3

None

SKIP

SUBMIT ANSWER



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57 : 17 Exit |

Information Question Q21 / 40

Choose the correct option. (1 Mark)

```
import java.io.FileWriter;
public class FileWriterExample {
public static void main(String args[]){
try{
FileWriter fw=new FileWriter("D:\\testout.txt");
fw.write("Welcome to javaTpoint.",0,2);
fw.close();
}catch(Exception e){
System.out.println(e);
}
System.out.println("Success...");
}
}
```

The content of the testout.txt file is

OPTIONS

Welcome to javaTpoint.

SKIP **SUBMIT ANSWER**

☰ ☐ ◀ ⌂

13:22

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57 : 36 Exit |

Choose the correct option. (0.5 Marks)

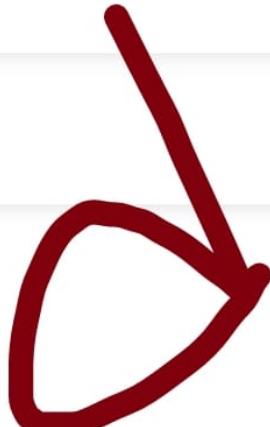
Q18 / 40

The valid constructors for Thread class is
Thread(String name, Runnable r)

OPTIONS

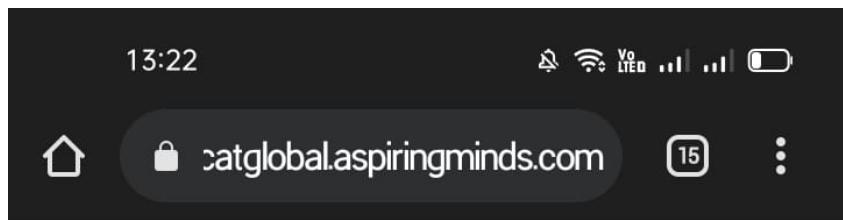
true

false



SKIP **SUBMIT ANSWER**

☰ ☐ ◀ ⌂



57 : 32

Exit |

Choose the correct option. (0.5 Marks)

Q19 / 40

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

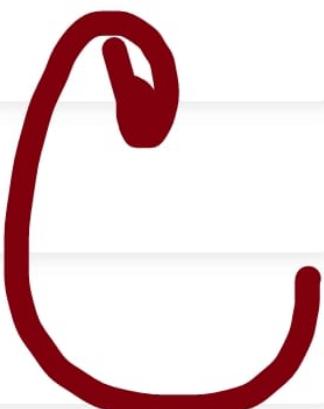
OPTIONS

InputStreamReader

FileInputStream

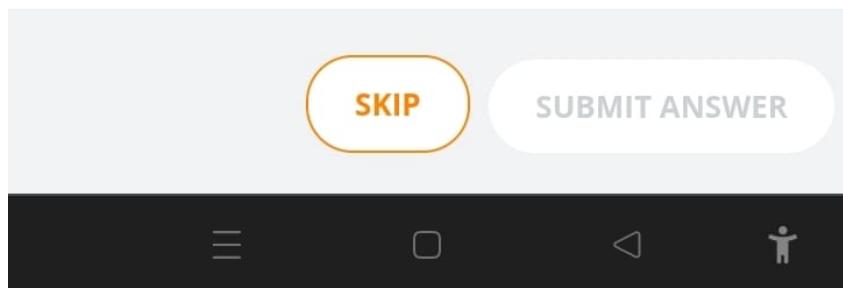
FileReader

FileWriter



SKIP

SUBMIT ANSWER



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57 : 43 C Exit |

Choose the correct option. (0.5 Marks)

Q17 / 40

What will be the output of the following Java program?
(Note: inputoutput.java is stored in the disk.)

```
import java.io.*; class filesinputoutput
{
    public static void main(String args[])
    {
        InputStream obj = new
        FileInputStream("inputoutput.java");
        System.out.print(obj.available());
    }
}
```

OPTIONS

prints number of characters in the file

prints number of bytes in file

SKIP **SUBMIT ANSWER**



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57 : 56 Exit |

Choose the correct option. (0.5 Marks)

Q14 / 40

The statement throws which exception

```
FileInputStream fis = new  
FileInputStream("filename");
```

OPTIONS

None

ClassNotFoundException

FileNotFoundException

IOException

SKIP

SUBMIT ANSWER

≡ ◻ ◄ ⌂

13:21



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15



57 : 59

Exit



Choose the correct option. (0.5 Marks)

Q13 / 40

Runnable is a class in java use to create a Thread.

OPTIONS

true

false

✓

SKIP

SUBMIT ANSWER



13:21



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15



58 : 03

Exit



What is the output of the following code:

class multithreaded_programing

Q12 / 40

```
{  
public static void main(String args[]){  
{  
Thread t = Thread.currentThread();  
System.out.println(t.getPriority());  
}  
}
```

OPTIONS

1

0

5

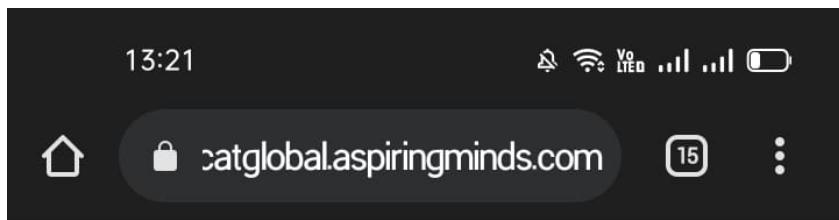
4

C

SKIP

SUBMIT ANSWER





58 : 16

Exit

Choose the correct option. (0.5 Marks)

Q11 / 40

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

OPTIONS

isfile()

l myfile()

IsFile()

isFile()



SKIP

SUBMIT ANSWER



13:21

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58 : 19 Exit |

Choose the correct option. (0.5 Marks) Q10 / 40

java.io.FilterReader class in Java is

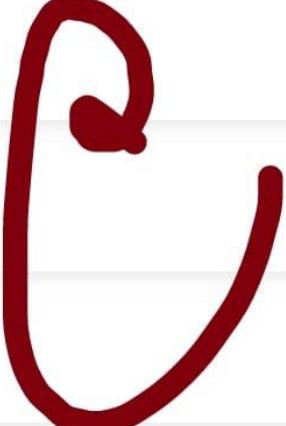
OPTIONS

None

inner class

Abstract class

Concrete class



SKIP **SUBMIT ANSWER**

☰ ☐ ◀ ⌂

13:20

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58 : 48 Exit |

Choose the correct option. (0.5 Marks)

Q6 / 40

What are valid statements about Constructor and synchronization in java?

OPTIONS

None

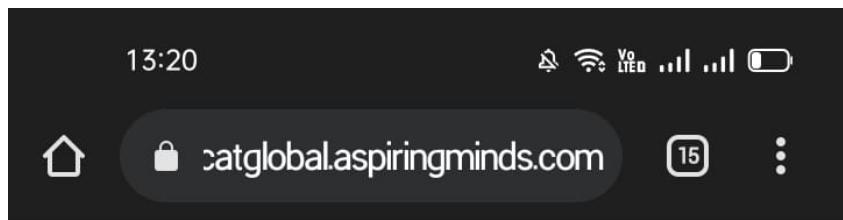
We can use synchronized code in the constructor

We can enclose constructor in try-catch block

The constructor can be synchronized

SKIP **SUBMIT ANSWER**

☰ ☐ ◀ ⌂



59 : 02

Exit

Choose the correct option. (0.5 Marks)

Q4 / 40

Which of these method is used to find out that a thread is still running or not?

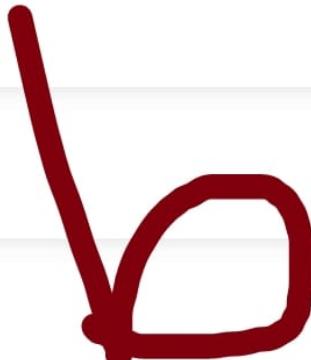
OPTIONS

checkRun()

isAlive()

run()

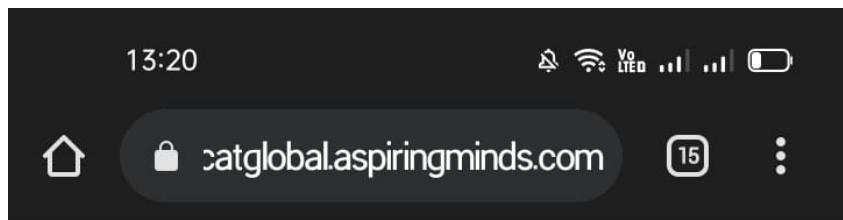
Alive()



SKIP

SUBMIT ANSWER





59 : 05

Exit

Choose the correct option. (0.5 Marks)

Q3 / 40

Which of these method can be used to make the main thread to be executed last among all the threads?

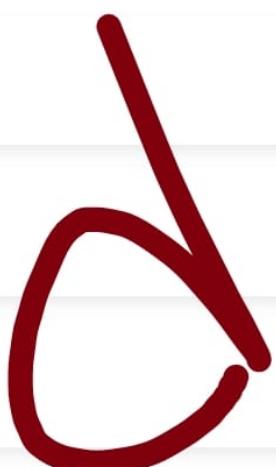
OPTIONS

None

call()

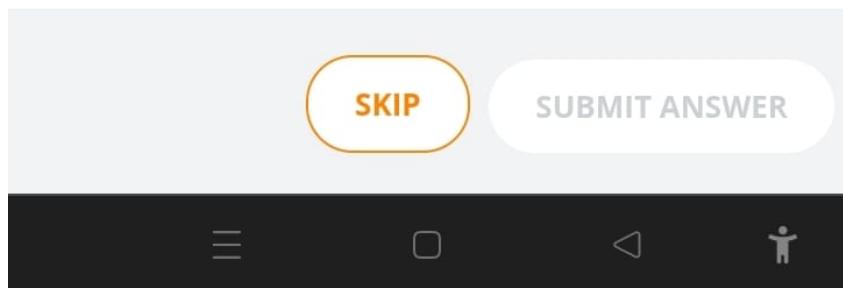
stop()

sleep()



SKIP

SUBMIT ANSWER



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59 : 54 C Exit |

Marks) Q1 / 40

Should FileReader be used to read a Java bytecode (*.class) file?

OPTIONS

Maybe---as long as the bytcodes were created on the same computer as the program using FileReader.

Yes---any file can be read with FileReader.

No---bytecode files can only be executed, never read.

No---the bytes in bytecode files are not intended to be interpreted as characters.

SKIP **SUBMIT ANSWER**

☰ ☐ ◀ ⌂

Choose the correct option. (2 Mark)

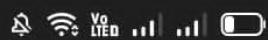
Consider the following program and predict the output:

```
class MyThread implements Runnable {  
    @Override  
    public void run() {  
        System.out.println(Thread.currentThread().getPriority());  
    }  
}  
public class ThreadTest {  
    public static void main(String args) {  
        Thread thread = new Thread(new MyThread());  
        thread.run();  
        thread.run();  
        thread.start();  
    }  
}
```

OPTIONS

5
5
5

13:21



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15



57 : 59

Exit



Choose the correct option. (0.5 Marks)

Q13 / 40

Runnable is a class in java use to create a Thread.

OPTIONS

true

false

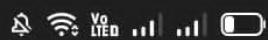
10

SKIP

SUBMIT ANSWER



13:22



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15



57 : 04

Exit



Information

Question

Q23 / 40



Choose the correct option. (1 Mark)

Select the valid constructor for FileWriter class

1. `FileWriter(String file)`
2. `FileWriter(File file)`
3. `FileWriter()`

OPTIONS

1

1 and 2

1, 2 and 3

None

SKIP

SUBMIT ANSWER



13:24

catglobal.aspiringminds.com 15 :

55 : 31 Exit |

Information Question Q36 / 40

```
class Main{public static void main(String args[])
{
    new newthread();
}}
```

OPTIONS

0

1

true

false

SKIP **SUBMIT ANSWER**

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56 : 50

Exit

Information Question Q26 / 40

PASSAGE

Below mentioned question are related to Multithreading in Java.

Multithreading in Java is a process of executing multiple threads simultaneously.

A thread is a lightweight sub-process, the smallest unit of processing. Multiprocessing and multithreading, both are used to achieve multitasking.

However, we use multithreading than multiprocessing because threads use a shared memory area.

They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

SKIP

SUBMIT ANSWER



13:24



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15



55 : 50

Exit



Information

Question

Q34 / 40

Choose the correct option. (2 Mark)

```
import java.io.FileReader; import  
java.io.FilterReader; import java.io.Reader; class  
Stream extends FilterReader{ protected  
Stream(Reader in) { super(in); // TODO Auto-  
generated constructor stub } } public class  
StreamDemo { public static void main(String  
arg[]) throws Exception{ System.out.println(new  
Stream(new FileReader("")).markSupported()); } }
```

OPTIONS

java.io.FileNotFoundException

NullPointerException

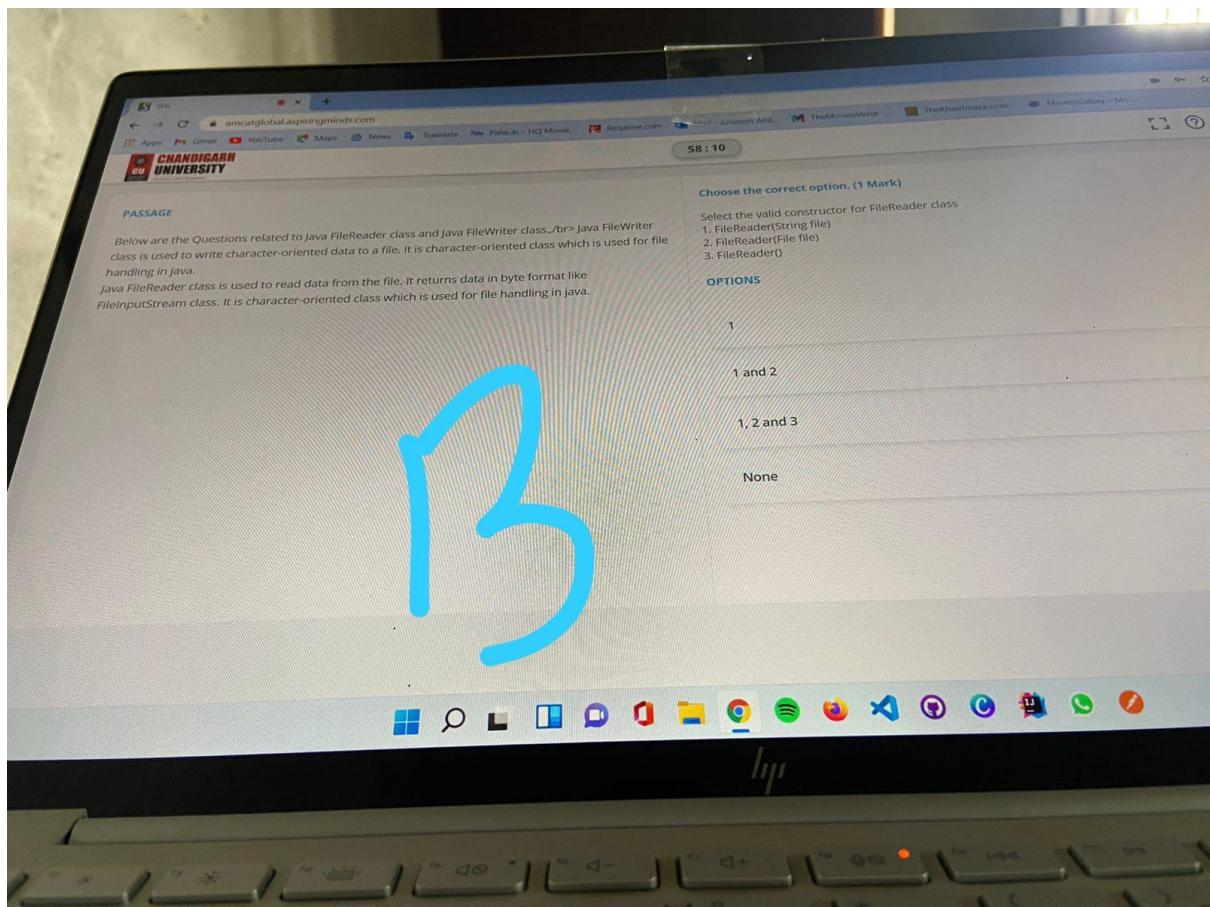
StringIndexOutOfBoundsException

A

SKIP

SUBMIT ANSWER





13:24

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55 : 39 Exit

Information Question Q36 / 40

PASSAGE

Below mentioned question are related to Multithreading in Java.

Multithreading in Java is a process of executing multiple threads simultaneously.

A thread is a lightweight sub-process, the smallest unit of processing. Multiprocessing and multithreading, both are used to achieve multitasking.

However, we use multithreading than multiprocessing because threads use a shared memory area.

They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

SKIP **SUBMIT ANSWER**



13:23

catglobal.aspiringminds.com 15 :

56 : 08 Exit

Information Question Q31 / 40

Choose the correct option. (2 Mark)

FilterReader class extends

OPTIONS

Writer

FilterReader

CharReader

Reader

SKIP **SUBMIT ANSWER**

A red hand-drawn arrow points from the question text "FilterReader class extends" to the "CharReader" option in the list of choices.

13:23

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56 : 44 Exit

Information Question Q26 / 40

Which of these statements is incorrect?

OPTIONS

By multithreading CPU idle time is minimized, and we can take maximum use of it

By multitasking CPU idle time is minimized, and we can take maximum use of it

Two thread in Java can have the same priority

A thread can exist only in two states, running and blocked

SKIP **SUBMIT ANSWER**

≡ ◻ ◄ ⌂

13:23

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56 : 39 Exit |

Information Question Q27 / 40

Choose the correct option. (1 Mark)

Thread priority in Java is?

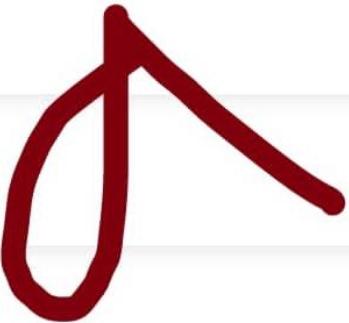
OPTIONS

Integer

Float

Double

Long

 A large, dark red handwritten mark resembling a stylized letter 'D' or a checkmark, is drawn over the 'Double' option.

SKIP **SUBMIT ANSWER**

☰ ☐ ◀ ⌂

13:22

catglobal.aspiringminds.com 15 :

57 : 09 Exit

Information Question Q22 / 40

Choose the correct option. (1 Mark)

Select the valid constructor for FileReader class

1. FileReader(String file)
2. FileReader(File file)
3. FileReader()

OPTIONS

1
1 and 2
1, 2 and 3
None

1 and 2

SKIP **SUBMIT ANSWER**

13:23



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15



56 : 21

Exit



Information

Question

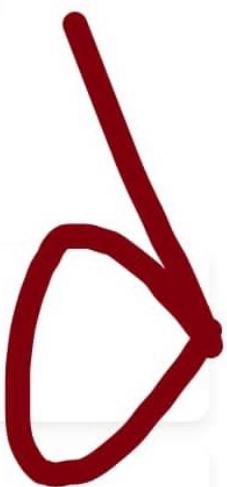
Q30 / 40

CHOOSE THE CORRECT OPERATING SYSTEM

What will happen if two threads of the same priority are called to be processed simultaneously?

OPTIONS

Anyone will be executed first lexicographically



Both of them will be executed simultaneously

None of them will be executed

It is dependent on the operating system

SKIP

SUBMIT ANSWER



13:16

catglobal.aspiringminds.com 14 :

59 : 54 C Exit |

Marks) Q1 / 40

Should FileReader be used to read a Java bytecode (*.class) file?

OPTIONS

Maybe---as long as the bytcodes were created on the same computer as the program using FileReader.

Yes---any file can be read with FileReader.

No---bytecode files can only be executed, never read.

No---the bytes in bytecode files are not intended to be interpretted as characters.

SKIP **SUBMIT ANSWER**

☰ ☐ ◀ ⌂

13:25

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54 : 55 C Exit |

Information Question Q40 / 40

```
class Main{public static void main(String args[])
{
    new newthread();
}}
```

OPTIONS

My Thread

Thread[My Thread,5,main]

Compilation Error

Runtime Error

SKIP **SUBMIT ANSWER**



13:25

catglobal.aspiringminds.com 15 :

55 : 04 Exit |

Information Question Q39 / 40

What will be the output of the following Java code?
class newthread implements Runnable {
 Thread t; newthread() { t = new
 Thread(this,"New Thread"); t.start(); } public void
 run() { t.setPriority(Thread.MAX_PRIORITY);
 System.out.println(t); } } class
multithreaded_programing { public static void
 main(String args[]) { new newthread(); }}

OPTIONS

Thread[New Thread,0,main]

Thread[New Thread,1,main]

Thread[New Thread,5,main]

Thread[New Thread,10,main]

SKIP **SUBMIT ANSWER**

13:24



catglobal.aspiringminds.com

15



55 : 13

Exit



Information

Question

Q38 / 40



Choose the correct option. (2 Mark)

What is the primary drawback to using synchronized methods?

OPTIONS

C

They are less efficient than unsynchronized methods.

They take longer to compile than unsynchronized methods.

They compile into larger executable bytecode than unsynchronized methods.

None

SKIP

SUBMIT ANSWER



13:22

catglobal.aspiringminds.com 15 :

57 : 00 Exit

Information Question Q24 / 40

Choose the correct option. (1 Mark)

Select the valid read() syntax:

1. int read()
2. int read(char[] b)
3. int read(char[] b, int off, int len)
4. int read(CharBuffer b)
5. int read(CharBuffer b, int off, int len)

OPTIONS

1 and 2

1,2 and 3

1,2,3 and 4

1,2,3,4 and 5

SKIP **SUBMIT ANSWER**

The image shows a mobile application interface for a coding quiz. At the top, there's a navigation bar with a home icon, the URL 'catglobal.aspiringminds.com', a notification badge '15', and a more options icon. Below the bar, a timer shows '57 : 00' and a 'Exit' button. A progress indicator 'Q24 / 40' is also present. The main content area has a teal header 'Question'. The question asks to select valid read() syntax from a list of five options. The options are: 1. int read(), 2. int read(char[] b), 3. int read(char[] b, int off, int len), 4. int read(CharBuffer b), and 5. int read(CharBuffer b, int off, int len). Below the question, the word 'OPTIONS' is in teal. There are four buttons corresponding to the listed options. A large, hand-drawn red mark resembling a stylized letter 'b' is drawn over the second option, '1,2 and 3'. At the bottom, there are two large buttons: 'SKIP' in orange and 'SUBMIT ANSWER' in grey. The bottom of the screen features a black navigation bar with icons for back, forward, and other system functions.

13:22

catglobal.aspiringminds.com 15 :

57 : 27 Exit |

Choose the correct option. (0.5 Marks)

Q20 / 40

Can a FileReader object be constructed that is not connected to any file?

OPTIONS



Yes---this happens if the file named in the constructor does not exist.

Yes---you can use a constructor without any file name argument.

No---the constructor must specify a file.

No---a FileReader is always connected to a file, but you can switch which file it is connected to.

SKIP **SUBMIT ANSWER**

☰ ☐ ◀ ⌂

13:22

catglobal.aspiringminds.com 15 :

56 : 55 Exit

Information Question Q25 / 40

Choose the correct option. (1 Mark)

Select the valid write() syntax:

1. void write(String s)
2. void write(char c)
3. void write(char [] c)
4. void write(String b)
5. void write(String b, int off, int len)

OPTIONS

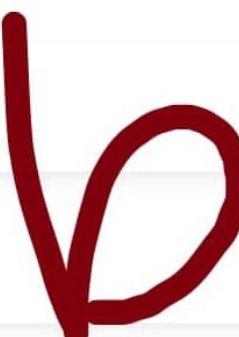
1

1 and 2

1, 2 and 3

None

SKIP **SUBMIT ANSWER**



13:23

catglobal.aspiringminds.com 15 :

56 : 35 Exit

Information Question Q28 / 40

Choose the correct option. (1 Mark)

Which of these are types of multitasking?

OPTIONS

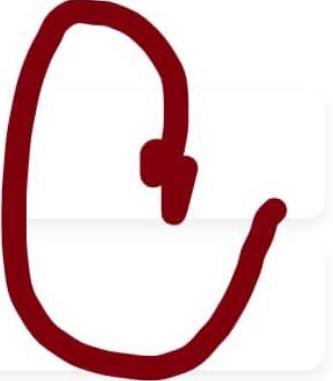
Process based

Thread based

Process and Thread based

None of the mentioned

SKIP **SUBMIT ANSWER**



13:24

catglobal.aspiringminds.com 15 :

55 : 19 Exit |

Information Question Q37 / 40

```
class Main{public static void main(String args[])
{
    new newthread();
}}
```

OPTIONS

true

false

truetrue

falsefalse

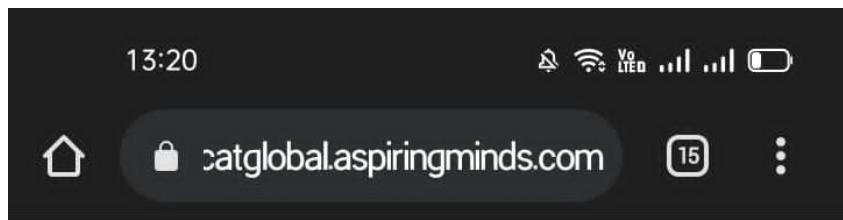
SKIP **SUBMIT ANSWER**

A screenshot of a smartphone displaying a mobile application for a Computer Aptitude Test (CAT). The top status bar shows the time as 13:22 and various connectivity icons. Below the status bar is a navigation bar with a home icon, a URL field containing 'catglobal.aspiringminds.com', a notification badge showing '15', and a more options icon. The main content area has a timer at the top left showing '57 : 21'. To the right of the timer are 'Exit' and a menu icon. Below the timer, there are three tabs: 'Information' (selected), 'Question' (disabled), and 'Q21 / 40' (disabled). The 'Information' tab contains the following text:

PASSAGE

Below are the Questions related to Java
FileReader class and Java FileWriter class.,/br>Java FileWriter class is used to write character-oriented data to a file. It is character-oriented class which is used for file handling in java.
Java FileReader class is used to read data from the file. It returns data in byte format like FileInputStream class. It is character-oriented class which is used for file handling in java.

At the bottom of the screen are two large, rounded rectangular buttons. The left button is orange and labeled 'SKIP' in white capital letters. The right button is white with a grey border and labeled 'SUBMIT ANSWER' in grey capital letters. Below these buttons is a black navigation bar with four icons: a menu icon (three horizontal lines), a square icon, a back arrow icon, and a person icon.



59 : 02

Exit

Choose the correct option. (0.5 Marks)

Q4 / 40

Which of these method is used to find out that a thread is still running or not?

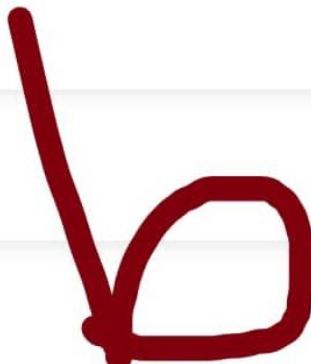
OPTIONS

checkRun()

isAlive()

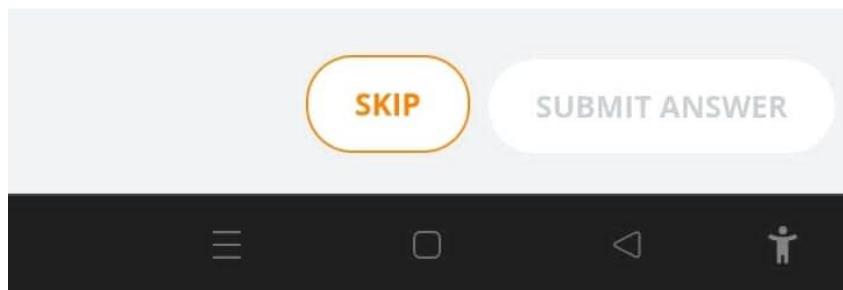
run()

Alive()



SKIP

SUBMIT ANSWER



13:24



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15



55 : 22

Exit



Information

Question

Q37 / 40



Choose the correct option. (2 Mark)

What will be the output of the following Java code?

```
class newthread extends Thread
{
    Thread t1,t2;
    newthread()
    {
        t1 = new Thread(this,"Thread_1");
        t2 = new Thread(this,"Thread_2");
        t1.start();
        t2.start();
    }
    public void run()
    {
        t2.setPriority(Thread.MAX_PRIORITY);
        System.out.print(t1.equals(t2));
    }
}
class multithreaded_programing
{
    public static void main(String args[])
    {
```

SKIP

SUBMIT ANSWER



13:22

catglobal.aspiringminds.com 15 :

57 : 36 Exit |

Choose the correct option. (0.5 Marks)

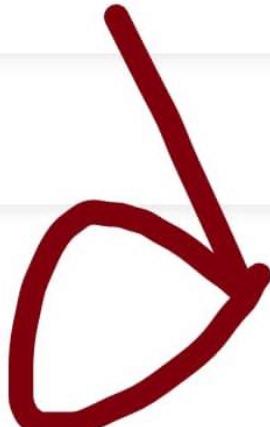
Q18 / 40

The valid constructors for Thread class is
Thread(String name, Runnable r)

OPTIONS

true

false



SKIP **SUBMIT ANSWER**

☰ ☐ ◀ ⌂

13:21

catglobal.aspiringminds.com 15 :

57 : 56 Exit |

Choose the correct option. (0.5 Marks)

Q14 / 40

The statement throws which exception

```
FileInputStream fis = new  
FileInputStream("filename");
```

OPTIONS

None

ClassNotFoundException

FileNotFoundException

IOException

SKIP

SUBMIT ANSWER

≡ ◻ ◄ ⌂

13:24



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15



55 : 45

Exit



Information

Question

Q35 / 40



Choose the correct option. (2 Mark)

ready() method of the FilterReader class

OPTIONS

Tells whether this stream is reset.



Tells whether this stream is null or not.

Tells whether this stream is already created.

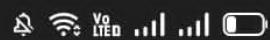
Tells whether this stream is ready to be read.

SKIP

SUBMIT ANSWER



13:24



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15



55 : 56

Exit



Information

Question

Q33 / 40



Choose the correct option. (2 Mark)

Select the valid constructor.

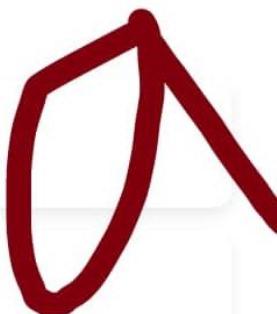
OPTIONS

FilterReader(Reader in)

FilterReader()

FilterReader(Read r)

FilterReader(FilterRead rd)

**SKIP****SUBMIT ANSWER**

13:22

catglobal.aspiringminds.com 15 :

57 : 17 Exit |

Information Question Q21 / 40

Choose the correct option. (1 Mark)

```
import java.io.FileWriter;
public class FileWriterExample {
public static void main(String args[]){
try{
FileWriter fw=new FileWriter("D:\\testout.txt");
fw.write("Welcome to javaTpoint.",0,2);
fw.close();
}catch(Exception e){
System.out.println(e);
}
System.out.println("Success...");
}
}
```

The content of the testout.txt file is

OPTIONS

Welcome to javaTpoint.

SKIP **SUBMIT ANSWER**

≡ ☐ ◀ ⌂

13:21

catglobal.aspiringminds.com 15 :

57 : 43 C Exit |

Choose the correct option. (0.5 Marks)

Q17 / 40

What will be the output of the following Java program?
(Note: inputoutput.java is stored in the disk.)

```
import java.io.*; class filesinputoutput
{
    public static void main(String args[])
    {
        InputStream obj = new
        FileInputStream("inputoutput.java");
        System.out.print(obj.available());
    }
}
```

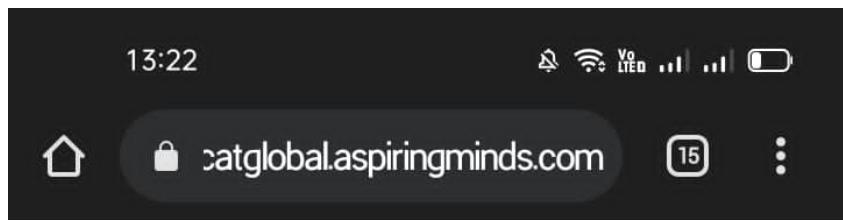
OPTIONS

prints number of characters in the file

prints number of bytes in file

SKIP **SUBMIT ANSWER**





57 : 32

Exit

Choose the correct option. (0.5 Marks)

Q19 / 40

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

OPTIONS

InputStreamReader

FileInputStream

FileReader

FileWriter

C

SKIP

SUBMIT ANSWER



1 | Detailed Response

Mst2_20CST-218/20ITT-218_Java Programming

Detailed Score Report

Q#	Status	Task	Topic	Level	Time
1	Incorrect		No Level Data	00:00:05	
2	Correct		No Level Data	00:00:03	
3	Correct		No Level Data	00:00:03	
4	Correct		No Level Data	00:00:02	
5	Correct		No Level Data	00:00:01	
6	Incorrect		No Level Data	00:00:02	
7	Incorrect		No Level Data	00:00:13	
8	Correct		No Level Data	00:00:17	
9	Correct		No Level Data	00:00:02	
10	Correct		No Level Data	00:00:02	
11	Correct		No Level Data	00:00:02	
12	Correct		No Level Data	00:00:02	
13	Correct		No Level Data	00:00:04	
14	Correct		No Level Data	00:00:02	
15	Correct		No Level Data	00:00:02	
16	Correct		No Level Data	00:00:08	
17	Correct		No Level Data	00:00:02	
18	Correct		No Level Data	00:00:07	

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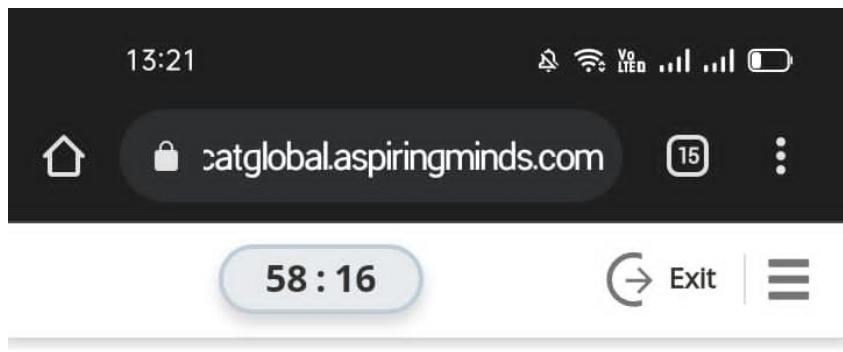
19	Correct		No Level Data	00:00:02	
20	Correct		No Level Data	00:00:02	
21	Incorrect		No Level Data	00:00:03	
22	Correct		No Level Data	00:00:02	
23	Correct		No Level Data	00:00:02	
24	Incorrect		No Level Data	00:00:04	
25	Incorrect		No Level Data	00:00:02	
26	Correct		No Level Data	00:00:03	
27	Correct		No Level Data	00:00:02	
28	Correct		No Level Data	00:00:04	
29	Correct		No Level Data	00:00:03	
30	Correct		No Level Data	00:00:03	
31	Correct		No Level Data	00:00:03	
32	Correct		No Level Data	00:00:02	
33	Correct		No Level Data	00:00:03	
34	Correct		No Level Data	00:00:02	
35	Correct		No Level Data	00:00:02	
36	Incorrect		No Level Data	00:00:05	
37	Correct		No Level Data	00:00:03	
38	Incorrect		No Level Data	00:00:03	
39	Correct		No Level Data	00:00:03	

A screenshot of a smartphone displaying a test application. The top status bar shows the time as 13:23 and various connectivity icons. Below the status bar is a navigation bar with a home icon, a URL field containing 'catglobal.aspiringminds.com', a notification badge showing '15', and a more options icon. The main content area has a timer at the top left showing '56 : 12'. To the right of the timer are 'Exit' and a menu icon. Below the timer, there are three tabs: 'Information' (selected, indicated by a blue background), 'Question' (indicated by a question mark icon), and 'Q31 / 40' (indicated by a downward arrow icon). The main content area is titled 'PASSAGE' in blue text.

Below are the Questions related to Java
FilterReader class.

Java FilterReader is used to perform filtering operation on reader stream. It is an abstract class for reading filtered character streams. The FilterReader provides default methods that passes all requests to the contained stream.

A horizontal action bar at the bottom of the screen. On the left is a yellow-outlined button labeled 'SKIP' in orange text. To its right is a white-outlined button labeled 'SUBMIT ANSWER' in gray text. Below the action bar is a black navigation bar with four icons: a menu icon (three horizontal lines), a square icon, a back arrow icon, and a person icon.



Choose the correct option. (0.5 Marks)

Q11 / 40

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

OPTIONS

isfile()

lsfile()

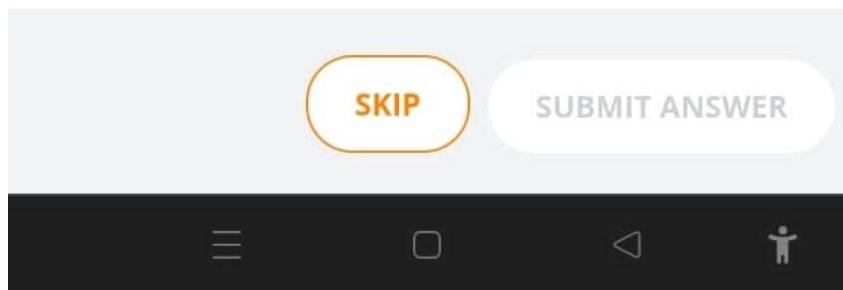
IsFile()

isFile()



SKIP

SUBMIT ANSWER



13:20

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58 : 48 Exit |

Choose the correct option. (0.5 Marks) Q6 / 40

What are valid statements about Constructor and synchronization in java?

OPTIONS

None

We can use synchronized code in the constructor

We can enclose constructor in try-catch block

The constructor can be synchronized

SKIP **SUBMIT ANSWER**

≡ ◻ ◄ ⌂

13:24

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56 : 01 Exit

Information Question Q32 / 40

Choose the correct option. (2 Mark)

markSupported() for CharArrayReader gives

OPTIONS

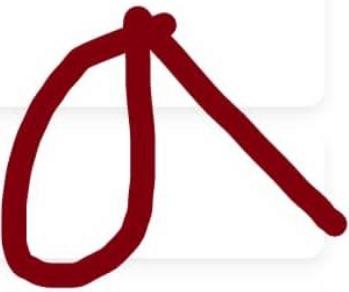
true

false

Compile time error

It doesn't support markSupported()

SKIP **SUBMIT ANSWER**



PASSAGE

Below mentioned question are related to Multithreading in Java.
Multithreading in Java is a process of executing multiple threads simultaneously.
A thread is a lightweight sub-process, the smallest unit of processing. Multiprocessing and multithreading, both are used to achieve multitasking.
However, we use multithreading than multiprocessing because threads use a shared memory area. They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

Choose the correct option. (2 Mark)

Consider the following program and predict the output:

```
class MyThread implements Runnable {  
    @Override  
    public void run() {  
        System.out.println(Thread.currentThread().getPriority());  
    }  
}  
public class ThreadTest {  
    public static void main(String args[]) {  
        Thread thread = new Thread(new MyThread());  
        thread.run();  
        thread.run();  
        thread.start();  
    }  
}
```

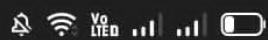
OPTIONS

5
5
5

10
10
5

Review Later **SUBMIT ANSWER**

13:21



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15



58 : 03

Exit



What is the output of the following code:

class multithreaded_programing

Q12 / 40

```
{  
public static void main(String args[]){  
{  
Thread t = Thread.currentThread();  
System.out.println(t.getPriority());  
}  
}
```

OPTIONS

1

0

5

4

C

SKIP

SUBMIT ANSWER



13:23



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15



56 : 27

Exit



Information

Question

Q29 / 40



What is multithreaded programming?

OPTIONS

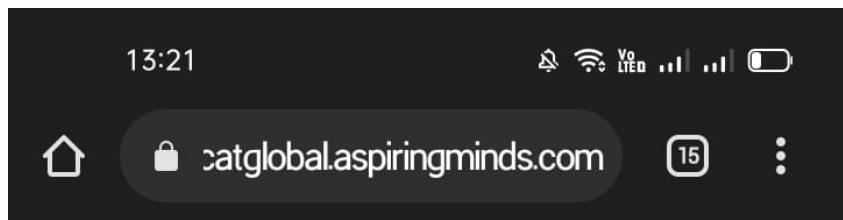
It's a process in which two different processes run simultaneously

It's a process in which two or more parts of same process run simultaneously

It's a process in which many different process are able to access same information

It's a process in which a single process can access information from many sources

SKIP**SUBMIT ANSWER**



57 : 51

Exit

Choose the correct option. (0.5 Marks)

Q15 / 40

Syntax for the read() method is

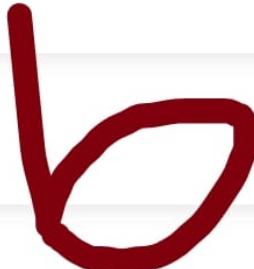
OPTIONS

public int read (int)

public int read()

public void read()

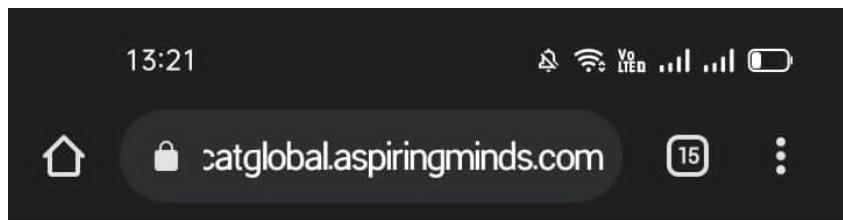
public void read(int)



SKIP

SUBMIT ANSWER





13:21

XO LTED



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15



58 : 19

Exit



Choose the correct option. (0.5 Marks)

Q10 / 40

java.io.FilterReader class in Java is

OPTIONS

None

inner class

Abstract class

Concrete class

C

SKIP

SUBMIT ANSWER



13:20

catglobal.aspiringminds.com 15 :

58 : 41 C Exit |

Choose the correct option. (0.5 Marks)

Q7 / 40

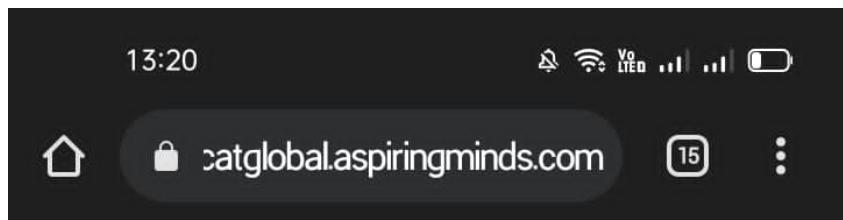
What will be the output of the following Java program?

```
import java.io.*;
class streams
{
public static void main(String[] args)
{
try
{
FileOutputStream fos = new
FileOutputStream("serial");
ObjectOutputStream oos = new
ObjectOutputStream(fos);
oos.writeFloat(3.5);
oos.flush();
oos.close();
}
catch(Exception e)
```

D

SKIP **SUBMIT ANSWER**

☰ ☐ ◀ ⌂



59 : 05

Exit

Choose the correct option. (0.5 Marks)

Q3 / 40

Which of these method can be used to make the main thread to be executed last among all the threads?

OPTIONS

None

call()

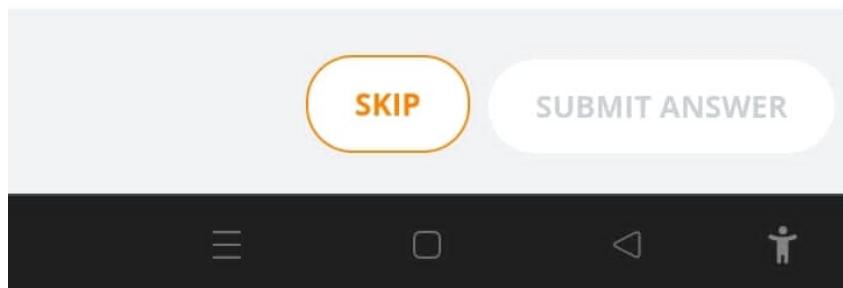
stop()

sleep()



SKIP

SUBMIT ANSWER



13:21



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15



58 : 22

Exit



Choose the correct option. (0.5 Marks)

Q9 / 40

Synchronized blocks can also be used inside of static methods.

OPTIONS

true

false

SKIP**SUBMIT ANSWER**

PASSAGE

Below are the Questions related to java FileInputStream class and Java FileOutputStream class.
java FileInputStream class obtains input bytes from a file. It is used for reading byte-oriented data (streams of raw bytes) such as image data, audio, video etc.
java FileOutputStream is an output stream used for writing data to a file. If you have to write primitive values into a file, use FileOutputStream class. You can write byte-oriented as well as character-oriented data through FileOutputStream class.

Choose the correct option. (1 Mark)

Select the valid write() syntax: 1. void write()
2. void write(byte[] b)
3. void write(byte[] b, int off, int len)
4. void write(String [] b)
5. void write(String [] b, int off, int len)

OPTIONS

1 and 2

1,2 and 3

1,2,3 and 4

1,2,3,4 and 5

Review Later **SUBMIT**

13:16



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14



59 : 48

Exit



Choose the correct option. (0.5 Marks)

Q2 / 40

```
class X implements Runnable  
{  
    public static void main(String args[]) {  
        /* Missing code? */  
    }  
    public void run() {  
    }  
}
```

Which of the following line of code is suitable to start a thread ?

OPTIONS

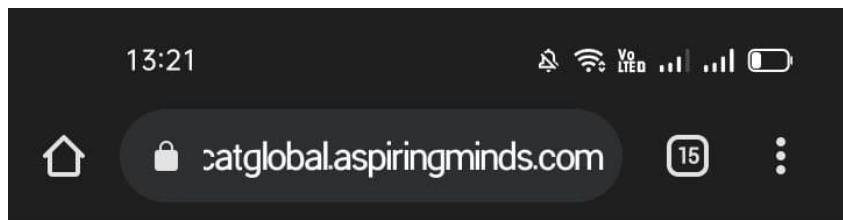
Thread t = new Thread(); x.run();

X run = new X(); Thread t = new Thread(run); t.start();

SKIP

SUBMIT ANSWER





58 : 25

Exit

Choose the correct option. (0.5 Marks)

Q8 / 40

Which of these classes are used by Byte streams
for input and output operation?

OPTIONS

All of the mentioned

Reader

InputStream

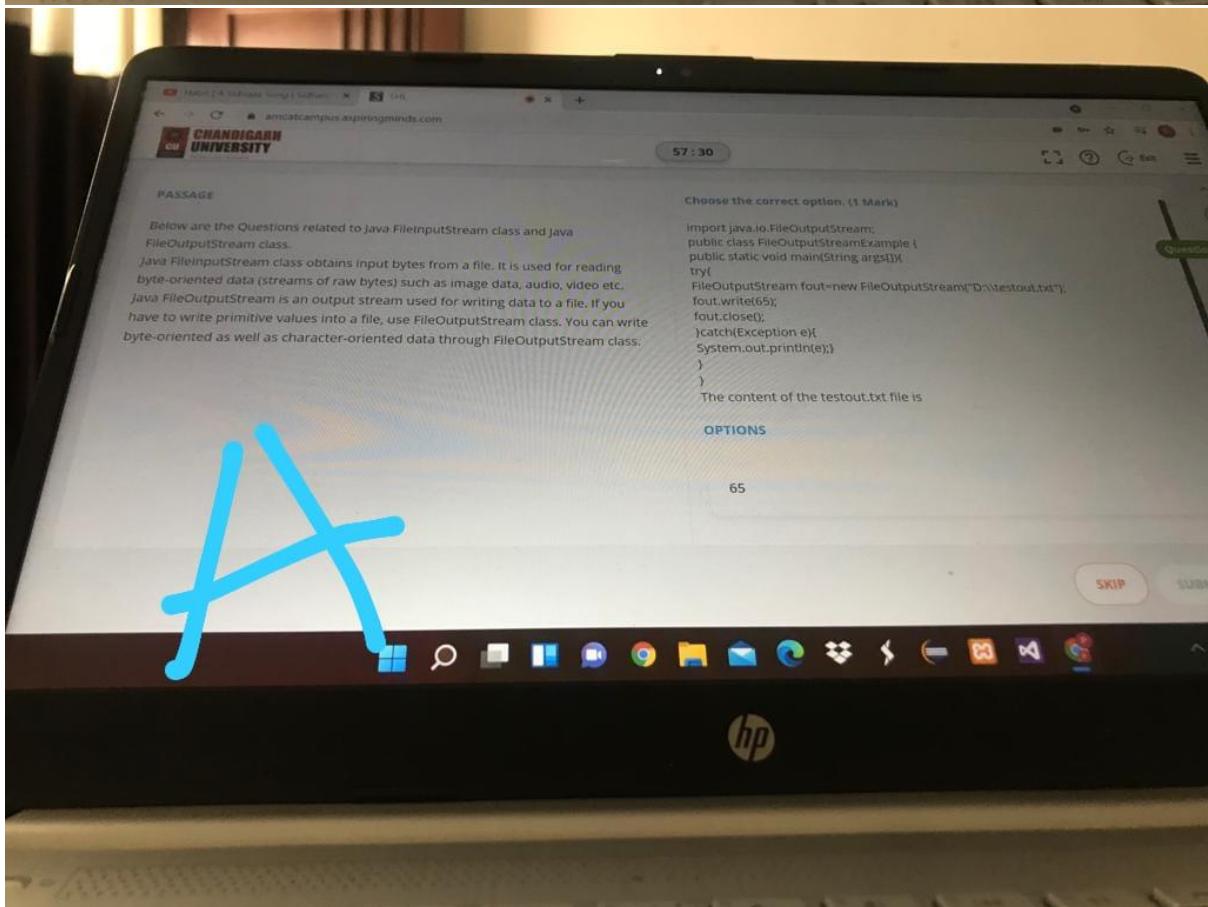
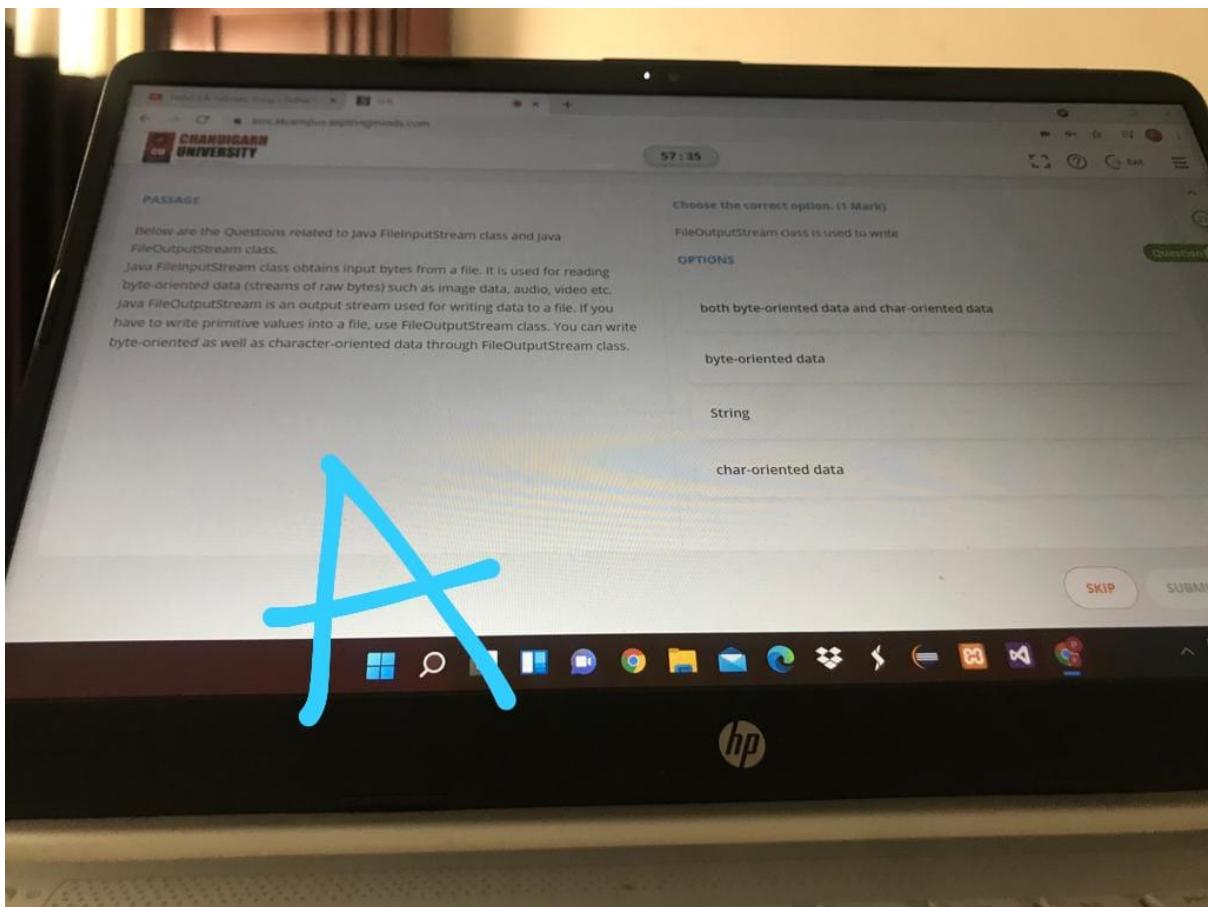
InputOutputStream

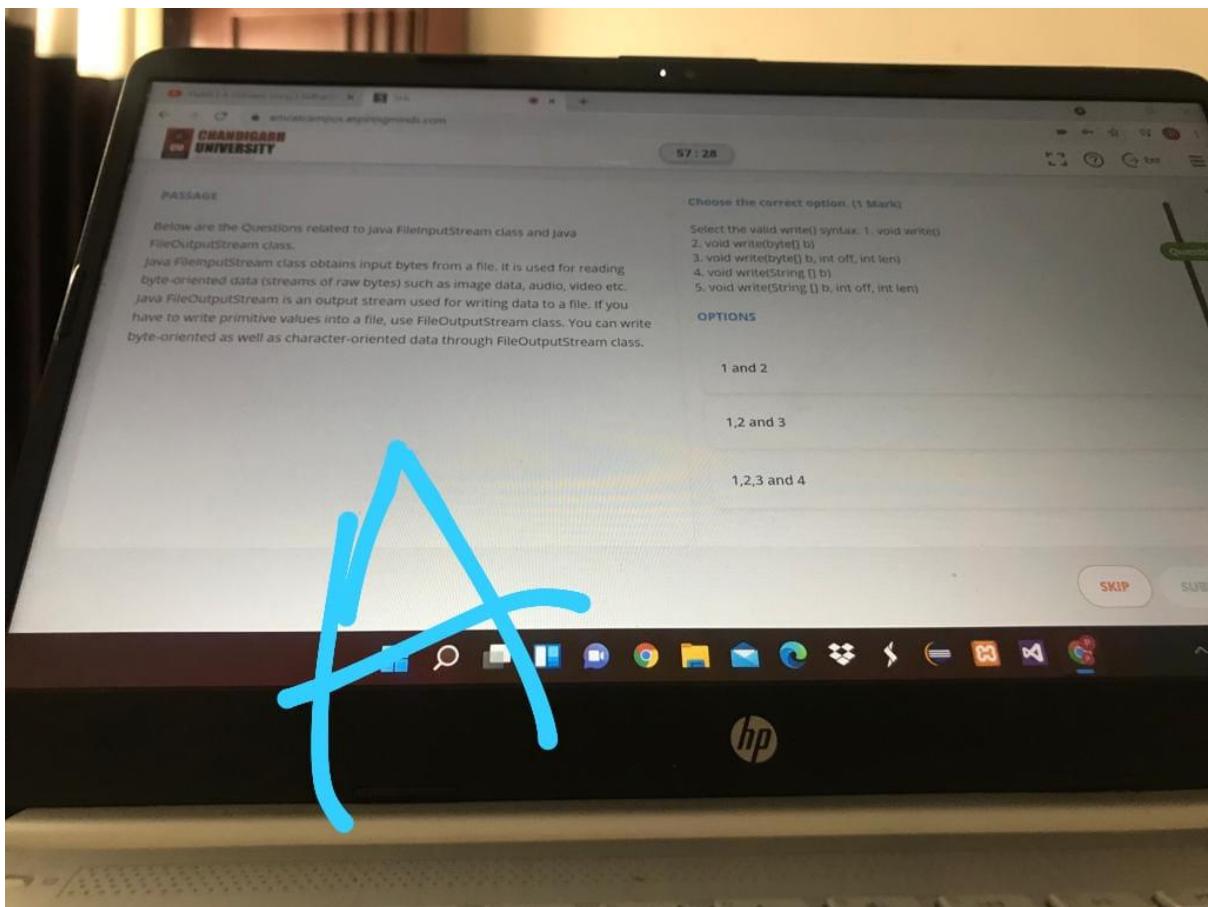
C

SKIP

SUBMIT ANSWER







13:20



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15



58 : 56

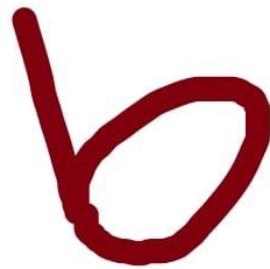
Exit



Choose the correct option. (0.5 Marks)

Q5 / 40

```
public class MyRunnable implements Runnable  
{  
    public void run() {  
        // some code here  
    }  
}
```



which of these will create and start this thread?

OPTIONS

`new MyRunnable().start();`

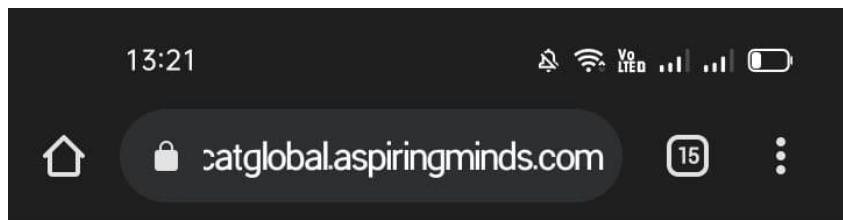
`new Thread(new MyRunnable()).start();`

`new Runnable(MyRunnable).start();`

SKIP

SUBMIT ANSWER





13:21

No WiFi 4G LTE

15

:

57 : 48

Exit



Choose the correct option. (0.5 Marks)

Q16 / 40

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

OPTIONS

InputStreamReader

FileInputStream

FileReader

FileWriter

C

SKIP

SUBMIT ANSWER



PASSAGE

Below mentioned question are related to Multithreading in Java.
Multithreading in Java is a process of executing multiple threads simultaneously.
A thread is a lightweight sub-process, the smallest unit of processing. Multiprocessing and multithreading, both are used to achieve multitasking.
However, we use multithreading than multiprocessing because threads use a shared memory area. They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

Choose the correct option. (2 Mark)

Consider the following program and predict the output:

```
class MyThread implements Runnable {  
    @Override  
    public void run() {  
        System.out.println(Thread.currentThread().getName());  
    }  
}  
public class ThreadTest {  
    public static void main(String args[]) {  
        Thread thread = new Thread(new MyThread());  
        thread.run();  
        thread.run();  
        thread.start();  
    }  
}
```

OPTIONS

main
main
Thread-0

Thread-0
main
Thread-1

Review Later **SUBMIT ANSWER**

PASSAGE

Below mentioned question are related to Multithreading in Java.
Multithreading in Java is a process of executing multiple threads simultaneously.
A thread is a lightweight sub-process, the smallest unit of processing. Multiprocessing and multithreading, both are used to achieve multitasking.
However, we use multithreading than multiprocessing because threads use a shared memory area. They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

Choose the correct option. (2 Mark)

Consider the following program and predict the output:

```
class MyThread extends Thread {  
    @Override  
    public void run() {  
        System.out.println("In run method; thread name is: " + Thread.currentThread().getName());  
    }  
}  
public class ThreadTest {  
    public static void main(String args[]) {  
        Thread myThread = new MyThread();  
        myThread.run();  
        System.out.println("In main method; thread name is: " + Thread.currentThread().getName());  
    }  
}
```

OPTIONS

In run method; thread name is: main
In main method; thread name is: main

In main method; thread name is: main
In run method; thread name is: main

The program results in a runtime exception.

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PASSAGE

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A thread is a lightweight sub-process, the smallest unit of processing. Multiprocessing and multitasking, both are used to achieve multitasking.
However, we use multithreading than multiprocessing because threads use a shared memory area. They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

Choose the correct option. (1 Mark)

Which of these are types of multitasking?

OPTIONS

Process based
Thread based
Process and Thread based
None of the mentioned

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PASSAGE

Below mentioned question are related to Multithreading in Java.
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However, we use multithreading than multiprocessing because threads use a shared memory area. They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

Choose the correct option. (1 Mark)

Thread priority in Java is?

OPTIONS

Integer
Float
Double
Long

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PASSAGE

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However, we use multithreading than multiprocessing because threads use a shared memory area. They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

Choose the correct option. (1 Mark)

Which of these statements is incorrect?

OPTIONS

By multithreading CPU idle time is minimized, and we can take maximum use of it

By multitasking CPU idle time is minimized, and we can take maximum use of it

Two thread in Java can have the same priority

A thread can exist only in two states, running and blocked

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PASSAGE

Below are the Questions related to Java CharArrayReader class and Java CharArrayWriter class.
The CharArrayReader class is used to read character array as a reader (stream).
The CharArrayWriter class can be used to write common data to multiple files. Its buffer automatically grows when data is written in this stream.

Choose the correct option. (2 Mark)

Select the invalid constructor.

OPTIONS

CharArrayReader(char[] char_array, int offset, int maxlen)

CharArrayReader(char[] char_array)

CharArrayReader(String str)

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PASSAGE

Below mentioned question are related to Multithreading in Java.
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However, we use multithreading than multiprocessing because threads use a shared memory area. They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

OPTIONS

This program will throw an IllegalStateException.

This program will always print the following: Tennis Tennis Table Table.

This program will always print the following: Table Table Tennis Tennis.

The output of this program cannot be predicted; it depends on thread scheduling.

SUBMIT ANSWER

PASSAGE

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The CharArrayReader class is used to read character array as a reader (stream).
The CharArrayWriter class can be used to write common data to multiple files. Its buffer automatically grows when data is written in this stream.

OPTIONS

checks whether the Stream is read only or not.

checks whether the Stream is ready to be read or not.

checks whether the Stream is created or not.

SUBMIT ANSWER

PASSAGE

Below are the Questions related to Java CharArrayReader class and Java CharArrayWriter class.
The CharArrayReader class is used to read character array as a reader (stream).
The CharArrayWriter class can be used to write common data to multiple files. Its buffer automatically grows when data is written in this stream.

Choose the correct option. (2 Mark)

For reset() : java.io.CharArrayReader.reset() select the most appropriate statement

OPTIONS

Resets the stream to the most recent mark, or to the beginning if it has never been marked.

Always Resets the stream to the beginning of the Stream.

Clear the stream to the most recent mark, or to the beginning if it has never been marked.

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Choose the correct option. (2 Mark)

What is the primary drawback to using synchronized methods?

OPTIONS

They are less efficient than unsynchronized methods.

They take longer to compile than unsynchronized methods.

They compile into larger executable bytecode than unsynchronized methods.

None

Review Later

SUBMIT ANSWER

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36 : 09

```
}
```

```
}
```

```
class multithreaded_programing
```

```
{
```

```
public static void main(String args[])
```

```
{
```

```
new newthread();
```

```
}
```

```
}
```

OPTIONS

true

false

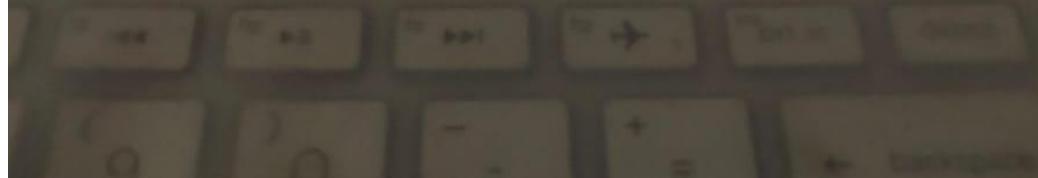
truetrue

falsefalse

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PASSAGE

Below are the Questions related to Java FileInputStream class and Java FileOutputStream class.
Java FileInputStream class obtains input bytes from a file. It is used for reading byte-oriented data (streams of raw bytes) such as image data, audio, video etc.
Java FileOutputStream is an output stream used for writing data to a file. If you have to write primitive values into a file, use FileOutputStream class. You can write byte-oriented as well as character-oriented data through FileOutputStream class.

Choose the correct option. (1 Mark)

FileOutputStream class is used to write

OPTIONS

both byte-oriented data and char-oriented data

byte-oriented data

String

char-oriented data

Review Later **SUBM**

35 : 52

```
}
```

```
}
```

```
class multithreaded_programming
```

```
{
```

```
public static void main(String args[])
```

```
{
```

```
new newthread();
```

```
}
```

```
}
```

OPTIONS

0

1

true

false

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PASSAGE

Below mentioned question are related to Multithreading in Java.
Multithreading in Java is a process of executing multiple threads simultaneously.
A thread is a lightweight sub-process, the smallest unit of processing. Multiprocessing and multithreading, both are used to achieve multitasking.
However, we use multithreading than multiprocessing because threads use a shared memory area.
They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

Choose the correct option. (1 Mark)

What will happen if two thread of the same priority are called to be processed simultaneously?

OPTIONS

Anyone will be executed first lexicographically
Both of them will be executed simultaneously
None of them will be executed
It is dependent on the operating system

Review Later **SUBMIT**

PASSAGE

Below are the Questions related to Java CharArrayReader class and Java CharArrayWriter class.
The CharArrayReader class is used to read character array as a reader (stream).
The CharArrayWriter class can be used to write common data to multiple files. Its buffer automatically grows when data is written in this stream.

Choose the correct option. (2 Mark)

markSupported() for CharArrayReader gives

OPTIONS

true
false
Compile time error
It doesn't support markSupported()

Review Later **SUBMIT**

PASSAGE

Below are the Questions related to Java FileInputStream class and Java FileOutputStream class. Java FileInputStream class obtains input bytes from a file. It is used for reading byte-oriented data (streams of raw bytes) such as image data, audio, video etc. Java FileOutputStream is an output stream used for writing data to a file. If you have to write primitive values into a file, use FileOutputStream class. You can write byte-oriented as well as character-oriented data through FileOutputStream class.

Choose the correct option. (1 Mark)

FileInputStream class is used to read

OPTIONS

byte-oriented data
String
char-oriented data
both byte-oriented data and char-oriented data

Review Later **SUBMIT**

PASSAGE

Below are the Questions related to Java CharArrayReader class and Java CharArrayWriter class. The CharArrayReader class is used to read character array as a reader (stream). The CharArrayWriter class can be used to write common data to multiple files. Its buffer automatically grows when data is written in this stream.

Choose the correct option. (2 Mark)

CharArrayReader class extends

OPTIONS

Writer
FileReader
CharReader
Reader

Review Later **SUBMIT**

11:06

GE

Here are the Questions related to Java FileInputStream class and Java FileOutputStream class.

FileInputStream class obtains input bytes from a file. It is used for reading byte-oriented data (such as raw bytes) such as image data, audio, video etc.

OutputStream is an output stream used for writing data to a file. If you have to write primitive data to a file, use FileOutputStream class. You can write byte-oriented as well as character-oriented data through FileOutputStream class.

Choose the correct option. (1 Mark)

```
import java.io.FileOutputStream;
public class FileOutputStreamExample {
    public static void main(String args[]) {
        try {
            FileOutputStream fOut=new FileOutputStream("D:\\testout.txt");
            fOut.write(65);
            fOut.close();
        } catch(Exception e) {
            System.out.println(e);
        }
    }
}
```

The content of the testout.txt file is

OPTIONS

65

A

65A

A65

Review Later **SUBMIT ANSWER**

PASSAGE

Below mentioned question are related to Multithreading in Java.

Multithreading in Java is a process of executing multiple threads simultaneously.

A thread is a lightweight sub-process, the smallest unit of processing. Multiprocessing and multithreading, both are used to achieve multitasking.

However, we use multithreading than multiprocessing because threads use a shared memory area. They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

Choose the correct option. (1 Mark)

What is multithreaded programming?

OPTIONS

It's a process in which two different processes run simultaneously

It's a process in which two or more parts of same process run simultaneously

It's a process in which many different process are able to access same information

It's a process in which a single process can access information from many sources

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PASSAGE

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Java FileInputStream class obtains input bytes from a file. It is used for reading byte-oriented data (streams of raw bytes) such as image data, audio, video etc.

Java FileOutputStream is an output stream used for writing data to a file. If you have to write primitive values into a file, use FileOutputStream class. You can write byte-oriented as well as character-oriented data through FileOutputStream class.

Choose the correct option. (5 Marks)

Select the valid read() syntax: 1. int read()
2. int read(byte[] b)
3. int read(byte[] b, int off, int len)
4. int readString [] b)
5. int readString [] b, int off, int len)

OPTIONS

1 and 2
1,2 and 3
1,2,3 and 4

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PASSAGE

Below are the Questions related to Java FileInputStream class and Java FileOutputStream class.

Java FileInputStream class obtains input bytes from a file. It is used for reading byte-oriented data (streams of raw bytes) such as image data, audio, video etc.

Java FileOutputStream is an output stream used for writing data to a file. If you have to write primitive values into a file, use FileOutputStream class. You can write byte-oriented as well as character-oriented data through FileOutputStream class.

Choose the correct option. (1 Mark)

Select the valid read() syntax: 1. int read()
2. int read(byte[] b)
3. int read(byte[] b, int off, int len)
4. int readString [] b)
5. int readString [] b, int off, int len)

OPTIONS

1 and 2
1,2 and 3
1,2,3 and 4
1,2,3,4 and 5

Review Later **SUBM**

35 : 59

```
}
```

```
}
```

```
class multithreaded_programming
```

```
{
```

```
    public static void main(String args[])
    {
        new newthread();
    }
}
```

d

mory area.
een the

OPTIONS

My Thread

Thread[My Thread,5,main]

Compilation Error

Runtime Error

Review Later

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PASSAGE

Below mentioned question are related to Multithreading in Java.
Multithreading in Java is a process of executing multiple threads simultaneously.
thread is a lightweight sub-process, the smallest unit of processing. Multiprocessing and
multithreading, both are used to achieve multitasking.
However, we use multithreading than multiprocessing because threads use a shared memory area.
They don't allocate separate memory area so saves memory, and context-switching between the
threads takes less time than process.

Choose the correct option. (2 Mark)

Consider the following program and choose a right option:

```
public class MyThread extends Thread {  
    public void run() {  
        System.out.println("Running");  
    }  
}  
  
public class ThreadTest {  
    public static void main(String args[]) throws InterruptedException {  
        Runnable r = new MyThread(); //#1  
        Thread myThread = new Thread(r); //#2  
        myThread.start();  
    }  
}
```

OPTIONS

The program will result in a compilation error at statement #1.

The program will result in a compilation error at statement #2.

The program will compile with no errors and will print "Running" in the console.

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36 : 19

Choose the correct option. (2 Mark)

What will be the output of the following Java code? class newthread implements Runnable { Thread t = new Thread(this,"New Thread"); t.start(); } public void run() { t.setPriority(Thread.MAX_PRIORITY); System.out.println(t); } class multithreaded_programing { public static void main(String args[]) { new newthread(); } }

OPTIONS

Thread[New Thread,0,main]

Thread[New Thread,1,main]

Thread[New Thread,5,main]

Thread[New Thread,10,main]

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PASSAGE

Below are the Questions related to Java FileReader class and Java FileWriter class.,/br> Java FileWriter class is used to write character-oriented data to a file. It is character-oriented class which is used for file handling in java.

Java FileReader class is used to read data from the file. It returns data in byte format like FileInputStream class. It is character-oriented class which is used for file handling in java.

Choose the correct answer

1 and 2 are correct

1,2 and 3 are correct

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PASSAGE

Below mentioned question are related to Multithreading in Java.

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However, we use multithreading than multiprocessing because threads use a shared memory area.

They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

Choose the correct answer

What is synchronization?

OPTIONS

It's a process that access to shared resources

It's a process that uses shared resources

It's a process that share memory area

PASSAGE

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However, we use multithreading than multiprocessing because threads use a shared memory area.

They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

Choose the correct answer

```
What will be the output of the following code?  
class NewThread implements Runnable  
{  
    Thread t;  
    NewThread()  
    {  
        t = new Thread(this);  
        t.start();  
    }  
    public void run()  
    {  
        System.out.println("Hello");  
    }  
}  
class Multithreaded  
{  
    public static void main(String args[])  
    {  
        NewThread nt = new NewThread();  
    }  
}
```

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PASSAGE

Below are the Questions related to Java CharArrayReader class and Java CharArrayWriter class.

The CharArrayReader class is used to read character array as a reader (stream).

The CharArrayWriter class can be used to write common data to multiple files. Its buffer automatically grows when data is written in this stream.

Choose the correct answer

markSupported() for CharArrayWriter class

OPTIONS

true

false

Compile time error

PASSAGE

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A thread is a lightweight sub-process, the smallest unit of processing. Multiprocessing and multithreading, both are used to achieve multitasking.
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They don't allocate separate memory area so saves memory, and context-switching between the threads takes less time than process.

Choose the correct option. (2 Mark)

What will be the output of the following Java code?

```
class newthread extends Thread
{
    Thread t1,t2;
    newthread()
    {
        t1 = new Thread(this,"Thread_1");
        t2 = new Thread(this,"Thread_2");
        t1.start();
        t2.start();
    }
    public void run()
    {
        t2.setPriority(Thread.MAX_PRIORITY);
        System.out.print(t1.equals(t2));
    }
}
class multithreaded_programming
{
    public static void main(String args[])
    {
        new newthread();
    }
}
```

Shot by Ankit Singh ❤️ 108mp
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