Course/Branch : B.E / EEE	**Year / Semester** :III / V	Format No.	NAC/TLP-07a.13
Subject Code : CS8392	**Subject Name** : Object Oriented Programming	Rev. No.	02
Unit No : 3	**Unit Name** : EXCEPTION HANDLING AND I/O	Date	30.09.2020

OBJECTIVE TYPE QUESTION BANK

S. No.	Objective Questions (MCQ /True or False / Fill up with Choices)	BTL
1	**When does Exceptions in Java arises in code sequence?** **A. Run Time** B. Can Occur Any Time C. Compilation Time D. None of the mentioned	L2
2	**Which of these keywords is not a part of exception handling?** A. finally **B. thrown** C. catch D. try	L2
3	**Which of these keywords must be used to monitor for exceptions?** A. finally B. throw C. catch **D. try**	L2
4	**Which of these keywords must be used to handle the exception thrown by try block in some rational manner?** A. finally B. throw **C. catch** D. try	L1
5	**Which of these keywords is used to manually throw an exception?** A. finally **B. throw** C. catch D. try	L1
6	**Which of these is a super class of all errors and exceptions in the Java language?** A. Catchable **B. Throwable** C. RunTimeExceptions D. None of the above	L3
7	**In which of the following package Exception class exist?** A. java.file B. **java.lang** C. java.io D. java.util	L2

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8	**Which exception is thrown when divide by zero statement executes?** A. NumberFormatException B. NullPointerException **C. ArithmeticException** D. None of these	L1

9	**What is the output of this program?**
	class Main
	{
	public static void main(String args[])
	{
	try
	{
	System.out.print("Hello" + " " + 1 / 0);
	}
	catch(ArithmeticException e)
	{
	System.out.print("World");
	}
	}
	}
	A. Hello
	B. World
	C. HelloWorld
	D. Hello World
		L2

10	**What is the output of this program?**
	class Main
	{
	public static void main(String args[])
	{
	try
	{
	int a, b;
	b = 0;
	a = 5 / b;
	System.out.print("A");
	}
	catch(ArithmeticException e)
	{
		L1

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	System.out.print("B");
	}
	finally
	{
	System.out.print("C");
	}
	}
	}
	A. A
	B. B
	C. AC
	D. BC	

11	Output of following Java program?
	
	class Main {
	public static void main(String args[])
	{
	int x = 0;
	int y = 10;
	int z = y/x;
	}
	}
	A. Compiler Error
	B. Compiles and runs fine
	C. **Compiles fine but throws ArithmeticException exception**
	D. None of the above
		L2

12	**What is the output of this program?**
	class Main
	{
	public static void main(String[] args)
	{
	try
	{
	return;
	}
	finally
	{
		L1

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	System.out.println("Finally"); } } } **A. Finally** B. Compilation fails. C. The code runs with no output. D. An exception is thrown at runtime.	
13	**Which of these class is related to all the exceptions that can be caught by using catch?** A. Error **B. Exception** C. RuntimeExecption D. All of the mentioned	L2

14	**Predict the output of following Java program?**
	class Main
	{
	public static void main(String args[]) {
	try {
	throw 10;
	}
	catch(int e) {
	System.out.println("Got the Exception " + e);
	}
	}
	}
	A. Got the Exception 10
	B. Got the Exception 0
	C. Compiler Error
	D. None of the above
		L2

15	**Which of these is a super class of all exceptional type classes?** A. String B. RuntimeExceptions **C. Throwable** D. Cacheable	L1
16	**Which of these class is related to all the exceptions that cannot be caught?** **A. Error** B. Exception	L2

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	C. RuntimeExecption D. All of the mentioned	
17	**Which of these handles the exception when no catch is used?** **A. Default handler** B. finally C. throw handler D. Java run time system	L2

18	**What is the output of this program?**
	class Main
	{
	public static void main(String args[])
	{
	try
	{
	System.out.print("Hello" + " " + 1 / 0);
	}
	finally
	{
	System.out.print("World");
	}
	}
	}
	A. Hello
	B. World
	C. Compilation Error
	D. First Exception then World
		L1

19	**Which of these operator is used to generate an instance of an exception than can be thrown by using throw?** **A. new** B. malloc C. alloc D. thrown	L3
20	**Which of these keywords is used to by the calling function to guard against the exception that is thrown by called function?** A. try B. throw **C. throws**	L2

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	D. catch	

21	**What is the output of this program?**
	class Main
	{
	public static void main(String args[]) {
	try
	{ System.out.print("A");
	throw new NullPointerException ("Hello");
	}
	catch(ArithmeticException e)
	{
	System.out.print("B");
	}
	}
	}
	A. A
	B. B
	C. Hello
	D. NullPointerException
		L3

22	**What is the output of this program?**
	class Main {
	public static void main(String[] args) {
	Try {
	return;
	}
	Finally {
	System.out.println("Finally");
	} } }
	A. Finally
	B. Compilation fails
	C. The code runs with no output
	D. An exception is thrown at runtime
		L2

23	**A single try block must be followed by which of these?** A. finally B. catch **C. finally & catch** D. none of the mentioned	L2
24	**Which of these exceptions will occur if we try to access the index of an array beyond its**	L1

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	length? A. ArithmeticException B. ArrayException C. ArrayIndexException **D. ArrayIndexOutOfBoundsException**	

25	**What is the output of this program?**
	class Main
	{
	public static void main(String args[])
	{
	try
	{
	int a = args.length;
	int b = 10 / a;
	System.out.print(a);
	}
	catch (ArithmeticException e)
	{
	System.out.println("1");
	}
	}
	}
	A. 0
	B. 1
	C. Compilation Error
	D. Runtime Error
		L1

26	**Why do we need to handle exceptions?** **A. To prevent abnormal termination of program** B. To encourage exception prone program C. To avoid syntax errors D. To save memory	L3
27	**An exception may arise when _____** A. Input is fixed B. Input is some constant value of program **C. Input given is invalid** D. Input is valid	L2

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28	**Multiple catch blocks _____** A. Are mandatory for each try block **B. Can be combined into a single catch block** C. Are not possible for a try block D. Can never be associated with a single try block	L3
29	**Which class is used to handle the input and output exceptions?** A. InputOutput B. InputOutputExceptions C. **IOExceptions** D. ExceptionsIO	L1
30	**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	L2
31	**Which of these class is used to read characters in a file?** **A. FileReader** B. FileWriter C. FileInputStream D. InputStreamReader	L2
32	**Which of these method of FileReader class is used to read characters from a file?** **A. read()** B. scanf() C. get() D. getInteger()	L3
33	**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	L2
34	**Which of these classes can return more than one character to be returned to input stream?** A. BufferedReader B. Bufferedwriter **C. PushbackReader** D. CharArrayReader	L1