Q.1   Fill in the Blanks -

1. To manually throw an exception _____ keyword is used.

2. Any exception that is thrown out of a method must be specified as such by a _____ keyword.

3. Any code that absolutely must be executed after a try block completes is put in a _____ block .

4. All exception types are subclass of _____ class.

5. Exception generated in try block is caught in ___block.

6. _____ exception is thrown when divide by zero statement executes.

7. _____ blocks execute compulsorily whether exception is caught or not.

8. ____ exception is thrown when an array element is accessed beyond the array size.

9. _____ is the name of the method used to start a thread execution.

10. In _____ state the thread is still alive, but is currently not eligible to run.

11. _____is created By implementing Runnable interface.

12. _____ are types of multitasking.

13. _____method will contain the body of the thread.

14. Thread is in _____ state after invocation of start() method, but the thread Scheduler has not selected it to be the running thread.

15. When a class extends the Thread class ,it should override_____ method of Thread class to start that thread.

16. A situation where two or more threads are blocked forever and waiting for each other to release resources is called _____.

Q.2   State weather following statements are True or False -

1. One can omit finally block.

2. Catch clause must be immdeiately mentioned after try block.

3. Wrapper classes are mainly used to wrap the primitive content into an object.

4. One can specify two or more catch clause.

5. A try statement cannot be inside the block of another try.

6. finally creates a block of code that will be executed after a try/catch block has completed.

Q.3   Answer the following in brief-

1. What is exception? What is the difference between exception and error.

2. Explain Exception handling mechanism with the help of example.

3. Explain the use of try,catch and finally keyword.

4. Explain how a method can throw an exception in java with an example.

5. Explain checked and unchecked exception in java.

6. What is user defined exception? Explain how to create user defined exception.

7. Explain difference between throw and throws keyword.

8. Draw and Explain Thread Life Cycle.

9. Explain how to create Thread By Inheriting the Thread Class.

10. Explain how to create Thread By Implementing Runnable Interface.

11. Explain how to set and get Thread Priorities.

NOTE - Q1 , Q2 are coumplsory for all. You have to attempt Q-3 in following sequence.

Roll Number	Questions
A1 to A20, B1 to B20, C1 to C20	1,5
A21 to A40, B21 to B40, C21 to C40	2,7
A41 to A60, B41 to B60, C41 to C60	3,6
A61 to A80, B61 to B80, C61 TO C80	4,7
A81 Onwards, B81 Onwards,C81 Onwards	2.6