

Q1. Which of the following is the superclass of all exceptions in Java?

- a) RuntimeException
- b) Throwable
- c) Error
- d) Exception

Answer: b

Q2. Which block is guaranteed to execute whether an exception occurs or not?

- a) try
- b) catch
- c) finally
- d) throw

Answer: c

Q3. Which keyword is used to declare exceptions in a method signature?

- a) throw
- b) throws
- c) catch
- d) final

Answer: b

Q4. Which of the following exceptions is checked?

- a) NullPointerException
- b) IOException
- c) ArithmeticException
- d) ArrayIndexOutOfBoundsException

Answer: b

Q5. What happens if a catch block does not match the thrown exception?

- a) Program terminates
- b) Next catch block is checked
- c) Finally executes only
- d) Error ignored

Answer: b

Q6. What is the difference between throw and throws in Java?

- a) throw declares exceptions, throws actually throws
- b) throw actually throws, throws declares
- c) Both same
- d) None

Answer: b

Q7. Which statement is true about finally block?

- a) Executes only if exception occurs
- b) Executes only if no exception
- c) Always executes
- d) Never executes

Answer: c

Q8. Which of the following is NOT a subclass of RuntimeException?

- a) ArithmeticException
- b) IOException
- c) NullPointerException
- d) ArrayIndexOutOfBoundsException

Answer: b

Q9. Which method of Throwable prints stack trace?

- a) print()
- b) getMessage()
- c) printStackTrace()
- d) trace()

Answer: c

Q10. What is the output of Integer.parseInt("abc")?

- a) 0
- b) abc
- c) NumberFormatException
- d) IllegalArgumentException

Answer: c

Q11. What is the parent class of Error and Exception?

- a) Throwable
- b) Object
- c) RuntimeException
- d) Exception

Answer: a

Q12. Which exception occurs when dividing by zero in Java?

- a) IOException
- b) ArithmeticException
- c) IllegalStateException
- d) NumberFormatException

Answer: b

Q13. Which keyword is used to rethrow an exception?

- a) throw
- b) throws
- c) rethrow
- d) catch

Answer: a

Q14. Which of the following can have multiple catch blocks?

- a) try
- b) catch
- c) finally
- d) throw

Answer: a

Q15. Can finally block return a value?

- a) Yes, always overrides return in try/catch
- b) No
- c) Only in checked exceptions
- d) Only in runtime exceptions

Answer: a

Q16. Which exception is thrown when accessing invalid array index?

- a) ArrayStoreException
- b) NullPointerException
- c) ArrayIndexOutOfBoundsException
- d) IllegalArgumentException

Answer: c

Q17. What happens if System.exit(0) is called inside try block?

- a) catch executes

- b) finally executes
- c) finally may not execute
- d) Exception thrown

Answer: c

Q18. Which exception is thrown when a class is not found at runtime?

- a) IOException
- b) SQLException
- c) ClassNotFoundException
- d) IllegalStateException

Answer: c

Q19. Which exception is thrown when file is not found?

- a) IOException
- b) FileNotFoundException
- c) RuntimeException
- d) EOFException

Answer: b

Q20. Which of the following is a checked exception?

- a) IOException
- b) ArithmeticException
- c) NullPointerException
- d) ArrayIndexOutOfBoundsException

Answer: a

Q21. Which exception occurs if an object is cast to incompatible type?

- a) IllegalArgumentException
- b) ClassCastException
- c) ArrayStoreException
- d) TypeException

Answer: b

Q22. Which block must follow try block?

- a) catch or finally
- b) catch only
- c) finally only
- d) throw

Answer: a

Q23. What happens if no catch matches the thrown exception?

- a) Program continues
- b) Program terminates abnormally
- c) Error ignored
- d) Exception skipped

Answer: b

Q24. Which keyword is used to create user-defined exception class?

- a) extends Exception
- b) extends Throwable
- c) extends Error
- d) implements Exception

Answer: a

Q25. Which of the following exceptions are unchecked?

- a) IOException
- b) SQLException

- c) NullPointerException
- d) FileNotFoundException

Answer: c

Q26. Which is the correct order of catch blocks?

- a) Specific first, general last
- b) General first, specific last
- c) Any order
- d) Does not matter

Answer: a

Q27. Which method returns description of exception?

- a) toString()
- b) getMessage()
- c) printStackTrace()
- d) getCause()

Answer: b

Q28. What is the return type of catch block?

- a) Must match try
- b) Same as exception
- c) No return type required
- d) Void only

Answer: c

Q29. What happens if exception occurs in finally block?

- a) Overwrites previous exception
- b) Ignored
- c) Nested try-catch needed
- d) Both A and C

Answer: d

Q30. Which exception occurs in Thread.sleep() without try-catch?

- a) InterruptedException
- b) IllegalThreadException
- c) TimeoutException
- d) ThreadException

Answer: a

Q31. What is difference between Error and Exception?

- a) Error is recoverable, Exception not
- b) Exception recoverable, Error not
- c) Both recoverable
- d) None

Answer: b

Q32. Which exception is thrown when accessing null object reference?

- a) NullPointerException
- b) IOException
- c) IllegalArgumentException
- d) RuntimeException

Answer: a

Q33. Which exception is thrown when accessing non-existing file?

- a) FileNotFoundException
- b) IOException
- c) IllegalArgumentException

d) EOFException

Answer: a

Q34. Which block can exist without catch in Java?

a) try

b) finally

c) throw

d) throws

Answer: b

Q35. Which statement is true about checked exceptions?

a) Handled at runtime

b) Must be declared or handled

c) Ignored by JVM

d) Converted to unchecked

Answer: b

Q36. Which is true about multiple catch blocks in Java 7+?

a) Can catch multiple exceptions in one catch

b) Not allowed

c) Same as before

d) Catch only RuntimeException

Answer: a

Q37. What is the parent class of RuntimeException?

a) Error

b) Exception

c) Throwable

d) Object

Answer: b

Q38. Which keyword is used to define custom unchecked exception?

a) extends Exception

b) extends RuntimeException

c) implements Throwable

d) extends Error

Answer: b

Q39. Which exception occurs when accessing end of file unexpectedly?

a) EOFException

b) FileNotFoundException

c) IOException

d) RuntimeException

Answer: a

Q40. What happens if exception is thrown in constructor?

a) Object partially created

b) Object not created

c) Object ignored

d) Error only

Answer: b

Q41. Which exception occurs in type casting errors?

a) IllegalArgumentException

b) ClassCastException

c) ArrayStoreException

d) TypeException

Answer: b

Q42. Which exception occurs when thread waits indefinitely?

- a) TimeoutException
- b) IllegalStateException
- c) InterruptedException
- d) IllegalMonitorStateException

Answer: d

Q43. Which method of Throwable returns cause of exception?

- a) getMessage()
- b) getCause()
- c) toString()
- d) printStackTrace()

Answer: b

Q44. What happens if same exception handled in two catch blocks?

- a) Error
- b) Only first matching catch runs
- c) Both run
- d) None

Answer: b

Q45. Which of the following is true about try-with-resources?

- a) Introduced in Java 5
- b) Introduced in Java 7
- c) Introduced in Java 8
- d) Not available

Answer: b

Q46. Which interface must be implemented for try-with-resources?

- a) AutoCloseable
- b) Closeable
- c) Serializable
- d) Runnable

Answer: a

Q47. Which exception is thrown for bad array store?

- a) ArrayStoreException
- b) ArrayIndexOutOfBoundsException
- c) NullPointerException
- d) IllegalArgumentException

Answer: a

Q48. Which exception occurs when using Class.forName with invalid class?

- a) ClassNotFoundException
- b) IllegalArgumentException
- c) InstantiationException
- d) RuntimeException

Answer: a

Q49. Which exception is thrown when object not properly initialized?

- a) InstantiationException
- b) IllegalStateException
- c) NullPointerException
- d) RuntimeException

Answer: a

Q50. Which exception occurs when calling wait() without synchronized?

- a) IllegalMonitorStateException
- b) InterruptedException
- c) IllegalStateException
- d) RuntimeException

Answer: a