

1. Which keyword is used to handle exceptions in Java?

- A) try
- B) catch
- C) throw
- D) finally

Answer: B

2. Which block must always follow a try block?

- A) catch or finally
- B) throw
- C) throws
- D) error

Answer: A

3. Which keyword is used to manually throw an exception?

- A) throw
- B) throws
- C) error
- D) raise

Answer: A

4. Which keyword is used in method declaration to declare exceptions?

- A) throw
- B) throws
- C) try
- D) catch

Answer: B

5. Which block always executes regardless of exception?

- A) try
- B) catch
- C) finally
- D) throw

Answer: C

6. Which is the superclass of all exceptions in Java?

- A) Exception
- B) Throwable
- C) Error
- D) RuntimeException

Answer: B

7. Which is the superclass of all checked exceptions?

- A) Throwable
- B) Exception
- C) RuntimeException
- D) Error

Answer: B

8. Which is the superclass of all unchecked exceptions?

- A) Throwable
- B) Exception
- C) RuntimeException
- D) Error

Answer: C

9. Which exception is thrown when dividing by zero?

- A) NullPointerException
- B) ArithmeticException
- C) IOException
- D) NumberFormatException

Answer: B

10. Which exception is thrown when accessing an array with invalid index?

- A) IndexOutOfBoundsException
- B) ArrayIndexOutOfBoundsException
- C) ArithmeticException
- D) ClassNotFoundException

Answer: B

11. Which exception is thrown when trying to use a null reference?

- A) ArithmeticException
- B) IOException
- C) NullPointerException
- D) ClassNotFoundException

Answer: C

12. Which exception is checked?

- A) IOException
- B) ArithmeticException

- C) NullPointerException
- D) ArrayIndexOutOfBoundsException

Answer: A

13. Which exception is unchecked?

- A) IOException
- B) SQLException
- C) RuntimeException
- D) ClassNotFoundException

Answer: C

14. Which block is optional in exception handling?

- A) try
- B) catch
- C) finally
- D) Both B and C

Answer: D

15. Can a try block exist without catch?

- A) Yes, if finally is present
- B) No, catch is mandatory
- C) Yes, always
- D) No, never

Answer: A

16. Which statement is true?

- A) One try can have multiple catch blocks
- B) One try can have only one catch
- C) One catch can handle multiple try
- D) None

Answer: A

17. Which exception is thrown when class not found?

- A) IOException
- B) ClassNotFoundException
- C) SQLException
- D) NullPointerException

Answer: B

18. Which of these is a checked exception?

- A) IOException
- B) FileNotFoundException
- C) SQLException
- D) All of these

Answer: D

19. Which of these is an unchecked exception?

- A) NullPointerException
- B) ArithmeticException
- C) ArrayIndexOutOfBoundsException
- D) All of these

Answer: D

20. What is the output?

```
try {  
    int x = 5/0;  
} catch(Exception e) {  
    System.out.println("Error");  
}
```

- A) Error
- B) Runtime Error
- C) Nothing
- D) Compile Error

Answer: A

21. Can we catch multiple exceptions in one catch?

- A) Yes, using multi-catch
- B) No
- C) Only in Java 5
- D) Only with RuntimeException

Answer: A

22. Which operator is used in multi-catch?

- A) &&
- B) ||
- C) |
- D) &

Answer: C

23. Which exception is thrown when string cannot be parsed to integer?

- A) NullPointerException
- B) ArithmeticException
- C) NumberFormatException
- D) IOException

Answer: C

24. Which exception is thrown when file not found?

- A) IOException
- B) FileNotFoundException
- C) SQLException
- D) NullPointerException

Answer: B

25. Which statement is true?

- A) finally always executes
- B) finally may not execute if System.exit() is called
- C) finally executes after return
- D) All of these

Answer: D

26. Can we write try block without catch and finally?

- A) Yes
- B) No
- C) Only in Java 7
- D) Only in Java 8

Answer: B

27. Which exception is thrown when object cast fails?

- A) ClassCastException
- B) ClassNotFoundException
- C) IllegalArgumentException
- D) IOException

Answer: A

28. Which exception is thrown when accessing character beyond string length?

- A) StringIndexOutOfBoundsException
- B) ArrayIndexOutOfBoundsException
- C) ArithmeticException
- D) NullPointerException

Answer: A

29. Which statement is true about exception propagation?

- A) Unchecked exceptions are automatically propagated
- B) Checked exceptions must be declared
- C) Both A and B
- D) None

Answer: C

30. Can a method declare multiple exceptions in throws?

- A) Yes
- B) No
- C) Only one
- D) Only RuntimeExceptions

Answer: A

31. Can we write catch block without try?

- A) Yes
- B) No
- C) Only in Java 7
- D) Only in Java 8

Answer: B

32. Which keyword re-throws an exception in catch?

- A) throw
- B) throws
- C) rethrow
- D) finally

Answer: A

33. Can we overload main method with throws?

- A) Yes
- B) No
- C) Only in Java 7
- D) Only RuntimeException

Answer: A

34. Which exception is thrown by Thread.sleep()?

- A) IOException
- B) InterruptedException
- C) SQLException

D) RuntimeException

Answer: B

35. Which exception is thrown when accessing empty collection?

A) EmptyException

B) NoSuchElementException

C) NullPointerException

D) IllegalArgumentException

Answer: B

36. Which exception is thrown by Class.forName()?

A) IOException

B) ClassNotFoundException

C) SQLException

D) RuntimeException

Answer: B

37. Which statement is true?

A) Only Throwable types can be thrown

B) Any object can be thrown

C) Only Exception types can be thrown

D) Only Error types can be thrown

Answer: A

38. Which is subclass of IOException?

A) FileNotFoundException

B) EOFException

C) Both A and B

D) None

Answer: C

39. Which is a runtime exception?

A) NullPointerException

B) ClassCastException

C) ArithmeticException

D) All of these

Answer: D

40. Which exception occurs if array length is negative?

A) NegativeArraySizeException

- B) ArrayIndexOutOfBoundsException
- C) IllegalArgumentException
- D) RuntimeException

Answer: A

41. Which exception occurs if illegal argument is passed?

- A) IllegalArgumentException
- B) NullPointerException
- C) ArrayIndexOutOfBoundsException
- D) IOException

Answer: A

42. Which exception occurs if thread is interrupted?

- A) InterruptedException
- B) IllegalThreadException
- C) RuntimeException
- D) IOException

Answer: A

43. Which exception occurs if SQL query fails?

- A) SQLException
- B) IOException
- C) RuntimeException
- D) NullPointerException

Answer: A

44. Which statement is true?

- A) Checked exceptions must be caught or declared
- B) Unchecked exceptions need not be declared
- C) Errors cannot be handled usually
- D) All of these

Answer: D

45. Which exception is thrown if object not serializable?

- A) IOException
- B) NotSerializableException
- C) ClassCastException
- D) RuntimeException

Answer: B

46. Which method is used to print exception details?

- A) getMessage()
- B) printStackTrace()
- C) toString()
- D) All of these

Answer: D

47. Which block executes first?

- A) try
- B) catch
- C) finally
- D) throw

Answer: A

48. Can constructors throw exceptions?

- A) Yes
- B) No
- C) Only RuntimeExceptions
- D) Only Errors

Answer: A

49. Which of these is not a checked exception?

- A) IOException
- B) SQLException
- C) NullPointerException
- D) ClassNotFoundException

Answer: C

50. Which of these can never be caught?

- A) Exception
- B) Throwable
- C) Error like OutOfMemoryError
- D) RuntimeException

Answer: C