

ObjectOrientedProgrammingThroughJava(25IT303)

Worksheet

UNIT-I:OBJECT ORIENTED THINKING

A.MultipleChoiceQuestions

1. OOPstands for

- A) ObjectOrientedProgramming
- B) ObjectOperatingProgram
- C) OperatingObject Programming
- D) None

Answer:A

2. Whichlanguageispurelyobject-oriented?

- A) C
- B) Java
- C) C++
- D) Pascal

Answer:B

3. Whodeveloped Java?

- A) Microsoft
- B) Apple
- C) SunMicrosystems
- D) IBM

Answer:C

4. Java source code is compiled into

- A) Machine Code
- B) Bytecode
- C) Assembly Code
- D) Object Code

Answer: B

5. JVM stands for

- A) Java Virtual Machine
- B) Java Variable Method
- C) Java Visual Machine
- D) Joint Virtual Machine

Answer: A

6. Which keyword is used to declare a constant?

- A) const
- B) final
- C) static
- D) fixed

Answer: B

7. Which data type stores decimal values?

- A) int
- B) float
- C) char
- D) boolean

Answer: B

8. Which operator is known as the conditional operator?

- A) +

B) &&

C) ?:

D) %

Answer:C

9. Which loop executes at least once?

A) for

B) while

C) do-while

D) foreach

Answer:C

10. Which keyword is used for decision making?

A) if

B) loop

C) goto

D) switchcase

Answer:A

11. Which operator increases a value by one?

A) ++

B) --

C) +

D) +=

Answer:A

12. Which keyword is used to exit a loop?

A) continue

B) break

C) stop

D) exit

Answer:B

13. Automatic type conversion is called

A) Casting

B) Widening

C) Narrowing

D) Boxing

Answer:B

14. Which is not a Java keyword?

A) class

B) goto

C) while

D) static

Answer:B

15. Java is

A) Platform dependent

B) Platform independent

C) OS dependent

D) None

Answer:B

Fill in the Blanks with Answers

1. Java follows the _____ programming paradigm.

Answer: Object-Oriented

2. The full form of JVM is _____.

Answer: Java Virtual Machine

3. Java was developed by _____ Microsystems.

Answer:Sun

4. Java source code is compiled into _____code.

Answer:Byte

5. TheJavacompiler iscalled _____.

Answer:javac

6. TheJava interpretercommand is_____.

Answer:java

7. Thekeywordusedtodeclareaconstantvariable is_____.

Answer:final

8. The _____datatype storeseithertrueorfalse.

Answer: boolean

9. Theoperator'++' is called the _____operator.

Answer: Increment

10. Theoperator'?:' is alsoknownas the _____operator.

Answer:Ternary(or Conditional)

11. The _____statementisusedtoselectoneamongmultiplealternatives.

Answer: switch

12. The _____loopchecks theconditionbeforeexecutingtheloopbody.

Answer: while

13. The conversion froma smaller datatype toalarger datatypeiscalled _____conversion.

Answer: Widening

14. Explicit typeconversion isalso called _____.

Answer:Casting

15. Java is both_____andobject-oriented.

Answer: PlatformIndependent