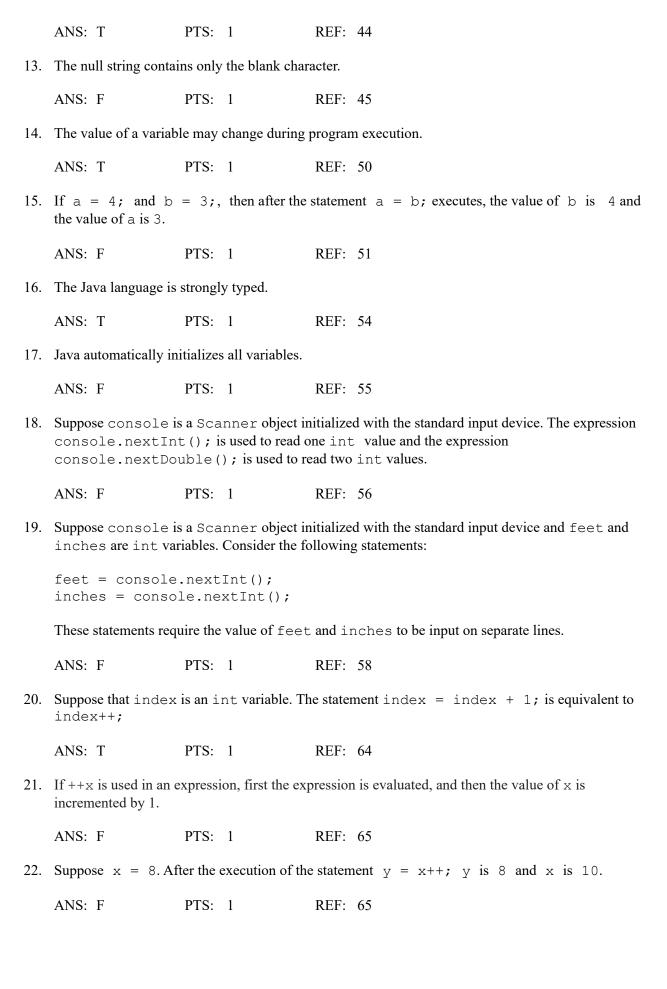
TRUE/FALSE

1.	The pair of characters // is used for single line comments.							
	ANS: T	PTS:	1	REF:	29			
2.	The == characters are a special symbol in Java.							
	ANS: T	PTS:	1	REF:	30			
3.	An identifier can be any sequence of characters and integers.							
	ANS: F	PTS:	1	REF:	31			
4.	The symbol '5' doe	type because 5 is a digit.						
	ANS: F	PTS:	1	REF:	33			
5.	The data type float is a floating-point data type.							
	ANS: T	PTS:	1	REF:	35			
6.	The number of significant digits in a double variable is up to 15.							
	ANS: T	PTS:	1	REF:	35			
7.	A value such as 'd'	is calle	d a character c	onstant				
	ANS: T	PTS:	1	REF:	36			
8.	An operator that has only one operand is called a unique operator.							
	ANS: F	PTS:	1	REF:	36			
9.	Operators of the same	e preced	ence are evalu	ated fro	om right to left.			
	ANS: F	PTS:	1	REF:	39			
10.	When evaluating a m with the decimal part			eger op	perands are converted to floating-point numbers			
	ANS: T	PTS:	1	REF:	41			
11.	. When a value of one data type is automatically changed to another data type, an implicit type c has occurred.							
	ANS: T	PTS:	1	REF:	43			
12.	Suppose $x = 18.6$ is 6.	6. The o	utput of the sta	tement	<pre>System.out.println((int)(x) / 3);</pre>			



23.	Both System.out.println and System.out.print can be used to output a string on the standard output device.									
	ANS: T	PTS:	1	REF:	66					
24.	24. The character sequence \n moves the insertion point at the end of the current line.									
	ANS: F	PTS:	1	REF:	67					
25.	In Java, a period is u	used to to	erminate a state	ement.						
	ANS: F	PTS:	1	REF:	81					
MUL	ГІРЬЕ СНОІСЕ									
1.	The rules of a programming language tell you which statements are legal, or accepted by the programming language.									
	a. semanticb. logical	age.			syntax grammatical					
	ANS: C	PTS:	1	REF:						
2.	Which of the follow	ing is N	OT a reserved							
	a. doubleb. throws				static num					
	ANS: D	PTS:	1	REF:	30					
3.	Which of the follow	ing is a	valid Java iden							
	a. \$payb. 4myGrade!				newGrade! 1dollar					
	ANS: A	PTS:	1	REF:	31					
4.	Which of the follow a. 3279	ing is a	valid int valu		3270.00					
	b. 3,279				-922337203684547758808					
	ANS: A	PTS:	1	REF:	33					
5.	Which of the follow a. '\$ '	ing is a	valid char val	lue? c.	'n\'					
	b. '%'			d.	"a"					
	ANS: B	PTS:	1	REF:	33-34					
6.	The memory allocat a. 2	ted for a	double value		_ bytes. 8					
	b. 4			d.	16					
	ANS: C	PTS:	1	REF:	35					
7.	The value of the exp a. 1	oression	14 % 3 is		3					
				- 7						

	b. 2	d. 4			
	ANS: B PTS: 1	REF: 37			
8.	Operators that have two operands area. unary operatorsb. binary operators	c. operators d. expressions			
	ANS: B PTS: 1	REF: 36			
9.	a. 0 b. 2	0 % 4 - 3 is c. 4 d. 5			
	ANS: C PTS: 1	REF: 39			
10.	The expression (int) 8.7 evaluates a. 8 b. 8.0	c. 9.0 d. 9			
	ANS: A PTS: 1	REF: 43			
11.	The expression (double) (5 + 4a. 8b. 9	c. 9.0 d. 10.0			
	ANS: C PTS: 1	REF: 43			
12.	. The length of the string "first ja	ava program" is:			
	a. 16 b. 18	c. 19 d. 20			
	ANS: B PTS: 1	REF: 45			
13.	 Which of the following statements about a named constant is NOT true? a. Its content cannot change during program execution. b. Its value can be changed during program execution. c. It is a memory location. d. It is declared using the reserved word final. 				
	ANS: B PTS: 1	REF: 48			
14.	 What type of Java statement(s) stores a. input b. output c. assignment d. Both an input statement and an a 				
	ANS: D PTS: 1	REF: 51			
15.	 Suppose that x and y are int v * y - 2; executes, the value of x a. 42 b. 54 	variables and $x = 7$ and $y = 8$. After the statement: $x = \frac{1}{2}$ is c. 56 d. 58	< = x		
	ANS: B PTS: 1	REF: 51			

```
char ch;
    int num;
    double pay;
    Which of the following assignment statements are valid?
    (i) ch = '*';
    (ii) pay = num * pay;
    (iii) rate * 40 = pay;
                                           c. (ii) and (iii) are valid
    a. Only (i) is valid
    b. (i) and (ii) are valid
                                           d. (i) and (iii) are valid
    ANS: B
                      PTS: 1
                                        REF: 51
17. Suppose that alpha and beta are int variables. The statement alpha = --beta; is
    equivalent to the statement(s) ____.
    a. beta = beta - 1;
                                           c. beta = beta - 1;
       alpha = 1 - beta;
                                              alpha = beta;
    b. beta = beta - 1;
                                           d. alpha = beta;
       alpha = beta - 1;
                                              beta = beta - 1;
    ANS: C
                      PTS: 1
                                        REF: 64-65
18. The standard output object in Java is _____.
                                           c. Sys.out
    a. output
    b. System.out
                                           d. System.in
    ANS: B
                      PTS: 1
                                        REF: 66
19. What is the output of the following statement?
    System.out.println("Welcome \n Home");
    a. WelcomeHome
    b. Welcome Home
    c. Welcome
       Home
    d. Welcome \n Home
    ANS: C
                      PTS: 1
                                        REF: 67
20. Which of the following is the newline character?
    a. \r
                                           c. \1
    b. \n
                                           d. \b
    ANS: B
                      PTS: 1
                                        REF: 70
21. Consider the following program.
    public class CircleArea
    {
```

16. Given

```
static Scanner console = new Scanner(System.in);
        static final float PI = 3.14;
        public static void main(String[]args)
            float r;
            float area;
            r = console.nextDouble();
            area = PI * r * r;
            System.out.println("Area = " + area);
        }
    }
    To successfully compile this program, which of the following import statement is required?
    a. import java.io;
                                    c. import java.lang;
    b. import java.util;
                                         d. No import statement is required
    ANS: B
                     PTS: 1
                                     REF: 71-72
22. Consider the following program.
    // Insertion Point 1
    public class CircleArea
           // Insertion Point 2
        static final float PI = 3.14
        public static void main(String[]args)
            //Insertion Point 3
            float r = 2.0;
            float area;
            area = PI * r * r;
            System.out.println("Area = " + area);
          // Insertion Point 4
    }
    In the above code, where do the import statements belong?
    a. Insertion Point 1
                                         c. Insertion Point 3
    b. Insertion Point 2
                                         d. Insertion Point 4
    ANS: A
                     PTS: 1
                                      REF: 75
23. are executable statements that inform the user what to do.
    a. Variables
                                         c. Named constants
    b. Prompt lines
                                         d. Expressions
    ANS: B
                     PTS: 1
                                      REF: 81
24. The declaration int a, b, c; is equivalent to which of the following?
    a. inta, bc;
                                         c. int abc;
                                         d. int a b c;
    b. int a;
       int b;
```

int c;

ANS: B PTS: 1 REF: 82

25. Suppose x = 4 and y = 2. If the statement

x *= y;

is executed once, what is the value of x?

a. 2 c. 8

b. 4 d. This is an illegal statement in Java.

ANS: C PTS: 1 REF: 85