CP22

Multiple Choice

 1.	Consider the following do-while loop, whose job is to check for a valid customer identification
	number between the numbers 100 and 1999:

```
do
{
   cout << "\nEnter an identification number: ";
   cin >> idNum;
}
while ( // Missing expression goes here);
```

Which of the following is the correct missing expression?

Identify the choice that best completes the statement or answers the question.

```
a. idNum < 100 || > 1999
b. idNum >= 100 && idNum <= 1999</li>
c. idNum < 100 || idNum != 2000</li>
d. idNum < 100 || idNum > 1999
```

 2.	It is the responsibility of the	to ensure that the tested expression	is changed in a way	that ultimately
	leads to a normal exit from a while	e loop.		

a. computer operator

c. user

b. programmer

d. compiler

3. Using ____ to enclose a set of statements creates a single block of statements.

a. braces

c. semicolons

b. colons

d. parentheses

4. The _____ statement performs the same function as the while statement but uses a different form.

a. for

c. if-else

b. continue

d. if

5. Dividing the integer 15 by the integer 2 yields the result _____.

a. 7

c. 7.500

b. 7.5

d. 152

___ 6. The value of a relational expression such as hours > 40 depends on the ____ stored in the variable hours.

a. condition

c. relationship

b. sign

d. value

7. Placement of the main () function definition before other function definitions is _____.

a. required

c. of no importance

b. recommended

d. forbidden

8. A variable name must begin with _____.

a. an upper case letter

c. a letter or an underscore

b. a letter or a number

d. a lower case letter

9. The extraction operator used with cin is _____.

a. <<

c. <>

b. >>

d. ,

 10.	A function returning a value must specify, in its header line, the of the value that will be returned.					
	a. size	c.	use			
	b. address	d.	data type			
 11.	Any expression that is terminated by a	becom	nes a C++ statemen	nt.		
	a. semicolon	c.	colon			
	b. curly bracket	d.	period			
 12.	The altering list is the item contained	within t		t's parentheses.		
	a. first	c.				
	b. second	d.	fourth			
 13.	In high-level languages like C++, are u		_	emory addresses.		
	a. symbolic names		references			
	b. aliases	d.	virtual addresses	S		
 14.	A programming language's is the set of correct for the language.	of rules	for formulating st	atements that are grammatically		
	a. format	c.	namespace			
	b. dictionary	d.	syntax			
 15.	The first character of an identifier must be a	ı (or an underscore (_).		
	a. number	c.	mnemonic			
	b. letter	d.	special character	r		
 16.	letters is essential in alphabetizing nan	nes.				
	a. Deleting	c.	Adding			
	b. Comparing	d.	Capitalizing			
 17.	If an expression is <i>false</i> to begin with, then	!expr	ession is true a	nd evaluates to a value of		
	a. 0	c.	2			
	b. 1	d.	3			
 18.	A(n)loop is one that never ends.					
	a. broken	c.	infinite			
	b. variable-condition	d.	fixed-count			
 19.	Within the parentheses of the for statement are items separated by semicolons.					
	a. two		four	•		
	b. three	d.	five			
 20.	Another term for a computer program is					
	a. object	c.	hardware			
	b. software	d.	procedure			
 21.	The arithmetic operator % is the C++ symbol	ol for th	ne operation.			
	a. division	c.	modulus			
	b. addition	d.	percentage			
 22.	A loop contained within another loop is call	ed a	loop.			
	a. secondary	c.	virtual			
	b. nested	d.	replacement			

 23.	When English-like phrases are used to describe called	be an	algorithm (the processing steps), the description is		
	a. a formula	c.	pseudocode		
	b. a program	d.	a flowchart		
 24.	When a declaration statement is used to store	a val	ue in a variable, the variable is said to be		
	a. initialized	c.	declared		
	b. created	d.	referenced		
 25.		th	at describes how a computation is to be performed		
	a. classes	c.	data		
	b. objects	d.	instructions		
 26.	Both the for and while statements are	_ loo _l	os.		
	a. inner	c.	outer		
	b. nested	d.	pretest		
 27.	All statements in a do-while loop are exec	uted a	at least		
	a. once	c.	three times		
	b. twice	d.	four times		
 28.	The C++ statement 'cout << (6 + 15);	yie	lds the result		
	a. $(6 + 15)$	c.	21		
	b. error	d.	(21)		
 29.	In a C++ program, statement indentation is _	as	s far as the compiler is concerned.		
	a. invalid	c.	required		
	b. irrelevant	d.	standardized		
 30.	The set of values supported by the int data t	ype a	re numbers.		
	a. real	c.	rounded		
	b. positive	d.	whole		
 31.	The declaration statement for a function is referred to as a function				
	a. initialization	c.	prototype		
	b. specification	d.	declaration		
 32.	The parentheses following a function call end	lose			
	a. the data type of function variables	c.	data passed to the function		
	b. the processing instructions	d.	the number of function variables		
 33.	The backslash, is referred to as the character.				
	a. escape	c.	tab		
	b. separator	d.	quotient		
 34.	A loop that evaluates a condition before any subsection loop.	staten	nents in the loop are executed is referred to as a(n)		
	a. fixed-count	c.	posttest		
	b. pretest	d.	exit-controlled		
 35.	Omitting the tested expression from a for lo	op re	sults in		
	a. a print error	c.	a crashed program		
	b. a read error	d.	an infinite loop		

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Answer Section

MULTIPLE CHOICE

1.	ANS:	D	PTS:	1	REF:	219
2.	ANS:	В	PTS:	1	REF:	183
3.	ANS:	A	PTS:	1	REF:	146
4.	ANS:	A	PTS:	1	REF:	201
5.	ANS:	A	PTS:	1	REF:	52
6.	ANS:	D	PTS:	1	REF:	139
7.	ANS:	В	PTS:	1	REF:	234
8.	ANS:	C	PTS:	1	REF:	58
9.	ANS:	В	PTS:	1	REF:	132
10.	ANS:	D	PTS:	1	REF:	245
11.	ANS:	A	PTS:	1	REF:	83
12.	ANS:	C	PTS:	1	REF:	201
13.	ANS:	A	PTS:	1	REF:	58
14.	ANS:	D	PTS:	1	REF:	20
15.	ANS:	В	PTS:	1	REF:	14
16.	ANS:	В	PTS:	1	REF:	139
17.	ANS:	В	PTS:	1	REF:	140
18.	ANS:	C	PTS:	1	REF:	183
19.	ANS:	В	PTS:	1	REF:	201
20.	ANS:	В	PTS:	1	REF:	3
21.	ANS:	C	PTS:	1	REF:	49
22.	ANS:	В	PTS:	1	REF:	209
23.	ANS:	C	PTS:	1	REF:	5-6
24.	ANS:	A	PTS:	1	REF:	63
25.	ANS:	D	PTS:	1	REF:	5
26.	ANS:	D	PTS:	1	REF:	196
27.	ANS:	A	PTS:	1	REF:	218
28.	ANS:	C	PTS:	1	REF:	49
29.	ANS:	В	PTS:	1	REF:	159
30.	ANS:	D	PTS:	1	REF:	39
31.	ANS:	C	PTS:	1	REF:	227
32.	ANS:	C	PTS:	1	REF:	228
33.	ANS:	A	PTS:	1	REF:	41
34.	ANS:	В	PTS:	1	REF:	196
35.	ANS:	D	PTS:	1	REF:	207

- <u>D</u> 10.
- __C__ 23.

<u>D</u> 1.

- _A_ 24.
- <u>C</u> 12.

<u>A</u> 11.

- _D_ 25.
- <u>A</u> 13.
- _D_ 26.
- <u>D</u> 14.
- <u>A</u> 27.

- <u>B</u> 2.
- <u>B</u> 15.
- <u>C</u> 28.

- _A_ 3.
- <u>B</u> 16.
- <u>B</u> 29.

- <u>B</u> 17.
- _D_ 30.

- _A_ 4.
- <u>C</u> 31.

- <u>A</u> 5.
- <u>B</u> 19.
- __C__ 32.

- <u>D</u> 6.
- <u>B</u> 20.
- _A_ 33.

- <u>B</u> 7.
- <u>C</u> 21.
- <u>B</u> 34.

- <u>C</u> 8.
- <u>B</u> 22.
- _D_ 35.

<u>B</u> 9.