Chapter 2: Functions and Control Structures

ANS: F

PTS: 1

TRUE/FALSE 1. A function definition contains the lines of code that make up a function. PTS: 1 ANS: T **REF:** 75 2. Functions are placed within parentheses that follow a parameter name. ANS: F PTS: 1 **REF:** 75 3. A function must contain a parameter. ANS: F PTS: 1 REF: 76 4. Function arguments are the statements that do the actual work of the function and must be contained within the function braces. ANS: F PTS: 1 **REF:** 76 5. A function executes automatically. ANS: F PTS: 1 **REF:** 77 6. Like variables, function names are case sensitive. **REF:** 78 ANS: F PTS: 1 7. A return statement is a statement that returns a value to the statement that called the function. ANS: T PTS: 1 **REF:** 78 8. A function must return a value. ANS: F PTS: 1 **REF:** 78 9. Variable scope refers to the location that a declared variable can be used. ANS: T PTS: 1 REF: 82 10. If you attempt to use a local variable outside the function in which it is declared, you receive an error message. ANS: T PTS: 1 REF: 82 11. The formal parameters within the parentheses of a function declaration are global variables.

REF: 82

12. Global variables are automatically available to all parts of your program, including functions.

13.	•	PHP, you must declare a global variable with the global keyword inside a function definition for the variable to be available within the scope of that function.		
	ANS: T	PTS: 1	REF:	82-83
14.	Using parentheses to	enclose the condition	al expre	ession of an if statement is optional.
	ANS: F	PTS: 1	REF:	84
15.	If a command block	is missing either the o	pening	or closing brace, an error occurs.
	ANS: T	PTS: 1	REF:	84
16.	The else clause can	n only be used with an	if sta	atement.
	ANS: T	PTS: 1	REF:	88
17.		making statement is co le decision-making str		within another decision-making statement, they are
	ANS: F	PTS: 1	REF:	89
18.	The switch statem the value of an expre		low by	executing a specific set of statements, depending on
	ANS: T	PTS: 1	REF:	92
19.		contains statements the does not match any co		ute when the value returned by the switch oel.
	ANS: T	PTS: 1	REF:	93
20.		nile statement will e changes the value of the		y end, you must include code within the body of the itional expression.
	ANS: T	PTS: 1	REF:	99
21.	You can use the ter iteration.	eminate statement to	halt a l	ooping statement and restart the loop with a new
	ANS: F	PTS: 1	REF:	99
22.		statement executes a st itional expression eval		t or statements once, then repeats the execution as TRUE.
	ANS: T	PTS: 1	REF:	100
23.	The statements in a cexpression evaluates		ent alwa	ys execute repeatedly before the conditional

REF: 82

ANS: F

PTS: 1

	ANS: F	PTS:	1	REF:	101
24.	The for statement p	erform	s essentially the	e same f	function as the while statement.
	ANS: T	PTS:	1	REF:	103
25.		ession,	the for statem		e statement and the for statement is that in addition also include code that initializes a counter and
	ANS: T	PTS:	1	REF:	103
26.	The forwhile	statem	ent is used to it	erate or	loop through the elements in an array.
	ANS: F	PTS:	1	REF:	105
27.	You will not receive than arrays.	an erro	r if you attempt	t to use	a foreach statement with any variable types other
	ANS: F	PTS:	1	REF:	106
28.			_		statements is to reuse content on multiple web pages I file, called an include file, in your PHP scripts.
	ANS: T	PTS:	1	REF:	109-110
29.	The include states interchangeably.	ment an	d the require	e staten	nent perform the same function and can be used
	ANS: F	PTS:	1	REF:	110
30.	Include statement	s suppo	rt only absolute	e path n	otation.
	ANS: F	PTS:	1	REF:	111
MUL'	TIPLE CHOICE				
1.	When you use a varia. placement b. scope	able in	a PHP program		function statement
	ANS: B	PTS:	1	REF:	82
2.	A variable's scope ca. local b. undeclared	an be ei	ther global or _	 c. d.	universal declared
	ANS: A	PTS:	1	REF:	82
3.	What will be returne a. value b. error message	d if you	use a local var	c.	utside the function in which it is declared? function nothing

	ANS: B	PTS:	1	REF:	82	
4.	The parameters with a. local	in the p	arentheses of a	functio c.	n declaration are what kind of variables? unknown	
	b. global			d.	declared	
	ANS: A	PTS:	1	REF:	82	
5.	program, including _	-	nguages, global		les are automatically available to all parts of your	
	a. statementsb. definitions			c. d.	functions declarations	
	ANS: C	PTS:	1	REF:	82	
6.	When you declare a a(n)	global v	variable with the	e glob	eal keyword, you do not need to assign the variable	
	a. valueb. definition			c. d.	function name	
	ANS: A	PTS:	1	REF:	83	
7.		s a group	of statements		a set of opening and closing	
	a. bracketsb. braces				parentheses quotation marks	
		DTC.	1			
	ANS: B	PTS:	1	REF:	84	
8.	referred to as a			ture.	within another decision-making statement it is	
	a. enclosedb. contained			c. d	nested layered	
	ANS: C	PTS:	1	REF:		
9.	Which of the follow: a. switch title	ing term	is is not associa		h the switch statement? executable statements	
	b. case label				break keyword	
	ANS: A	PTG.	1	REF:	•	
10.	A(n) statement is a control structure that repeatedly executes a statement or series of statements while a specific condition is TRUE or until a specific condition becomes TRUE.					
	a. repeatb. replicate				loop circular	
	ANS: C	PTS:	1	REF:	96	
11.	A is a variable	that inc	rements or deci	rements	with each iteration of a loop statement	
	a. counter			c.	iterator	
	b. incrementer/dec	remente	r	d.	repetitor	
	ANS: A	PTS:	1	REF:	96	
12.	If you do not include will be caught in a _			value u	ised the by the condition expression, your program	
	-					

		ontinuous ontinuing				constant infinite
	ANS:	D	PTS:	1	REF:	99
13.	A a. fo b. wh	or	ised to	iterate or loop	c.	the elements in an array. foreach ifelse
	ANS:	C	PTS:	1	REF:	105
14.			nalts the	e processing of	the web	page and displays an error if an include file cannot
	be fou				c	Insert-contents
	b. in					require
	ANS:	D	PTS:	1	REF:	110
15.	The _	file is typic	ally sav	ved with a pref	ix of inc	<u>>_</u> .
	a. in	sert	·	•	c.	nested
	b. in					increment
	ANS:	В	PTS:	1	REF:	110
COM	PLETI	ON				
1.	Group	s of statements	you ca	n execute as a	single u	nit are called
	ANS:	functions				
	PTS:	1	REF:	75		
2.			co	ntrol statement	ts allow	you to determine the order in which statements
		te in a program				
	ANS:	Flow				
	PTS:	1	REF:	83		
3.	The fu	inction		is th	ne lines o	of code that make up a function
	ANS:	definition				
	PTS:	1	REF:	75		
4.	A form	nal		is a vari	iable tha	at is used within a function.
	ANS:	parameter				
	PTS:	1	REF:	75		
5.	A fund	ction		execu	tes a fur	nction
	ANS:	call				

	P15: 1	REF: //		
6.	Afunction.	statement is a statement	ent that returns a value to the stateme	ent that called the
	Tunction.			
	ANS: return			
	PTS: 1	REF: 78		
7.			ne actual variable is used within the remain after the function completes.	
	ANS: reference			
	PTS: 1	REF: 80		
8	A	variable is declared o	utside a function and is available to	all parts of the
	program.			F
	ANS: global			
	PTS: 1	REF: 82		
0	A	manialela ia daalamad ia	side a function and is only available	
9.	function in which i	declared.	iside a function and is only available	within the
	ANS: local			
	PTS: 1	REF: 82		
10.	You must use the _ function.	keywo	ord to declare a global variable withi	n the scope of a
	ANS: global			
	PTS: 1	REF: 82-83		
11	Til		······································	::
11.		ssion returns a value of tru	execute specific programming code	in the evaluation
	ANS: if			
	PTS: 1	REF: 84		
12.	A(n) to the way function	block is a group of atements are contained with	statements contained within a set of in a set of braces	f braces, similar
	ANS: command			
	PTS: 1	REF: 84		
13.	An if statement t	includes an else clause i	s called a(n)	statement.

	ANS: ifelse ifelse if else	e		
	PTS:	1	REF:	88
14.				statement is contained within another decision-making statement, they are decision-making structures.
	ANS:	nested		
	PTS:	1	REF:	89
15.	section	n contains more		added to both the if and else portions of the ifelse statement if a ne statement.
	ANS:	Braces		
	PTS:	1	REF:	90
16.				_ statement controls program flow using a case statement that executing a pending on the value of an expression.
	ANS:	switch		
	PTS:	1	REF:	92
17.				pares the value of an expression to a value contained within a special
	ANS:	case label		
	PTS:	1	REF:	92
18.	openin		e label	the following components: the keyword switch, an expression, an , the executable statements, the keyword, a ng brace.
	ANS:	break		
	PTS:	1	REF:	92
19.	case label	\$ExampleV	ar is aı	n example of a data type being used as a case
	ANS: variab	le name le		
	PTS:	1	REF:	93

20.	case "Monday" is an example of a data type being used as a case label.
	ANS: string literal string literal
	PTS: 1 REF: 93
21.	case 42 is an example of a data type being used as a case label.
	ANS: integer literal integer
	PTS: 1 REF: 93
22.	case 125.78 is an example of a data type being used as a case label.
	ANS: floating-point literal floating-point floating-point
	PTS: 1 REF: 93
23.	The label contains statements that execute when the value returned by the switch statement expression does not match a case label.
	ANS: default
	PTS: 1 REF: 93
24.	The final statement after the final case or default statement is not required.
	ANS: break
	PTS: 1 REF: 94
25.	A(n) statement is a control structure that repeatedly executes a statement or a series of statements while a specific condition is TRUE or until a specific condition becomes TRUE.
	ANS: loop
	PTS: 1 REF: 96
26.	The statement repeats a statement or series of statements as long as a given conditional expression evaluates to TRUE.
	ANS: while
	PTS: 1 REF: 96

21.	following the keyv	ord while.
	ANS: parentheses ()	
	PTS: 1	REF: 96
28.	Each repetition of	a looping statement is called a(n)
	ANS: iteration	
	PTS: 1	REF: 96
29.	AFALSE.	statement keeps repeating until its conditional expression evaluates to
	ANS: while	
	PTS: 1	REF: 96
30.	Astatement.	is a variable that increments or decrements with each iteration of a loop
	ANS: counter	
	PTS: 1	REF: 96
31.	In a(n)is never FALSE.	loop, a loop statement never ends because its conditional expression
	ANS: infinite	
	PTS: 1	REF: 99
32.	Theas long as a given	loop executes a statement or statements once, then repeats the execution conditional expression evaluates to TRUE.
	ANS: dowhile do while	
	PTS: 1	REF: 100
33.	Thelong as a given con	statement is used for repeating a statement or series of statements as ditional expression evaluates to TRUE.
	ANS: for	
	PTS: 1	REF: 103

34.	You m	nust include a(1	n)	to separate each section in a for loop.
	ANS: semico;	olon		
	PTS:	1	REF:	104
35.	The _			_ statement is used to iterate or loop through the elements in an array.
	ANS:	foreach		
	PTS:	1	REF:	105
36.				ou use the \$variable_name to access the value of in an iteration.
	ANS:	argument		
	PTS:	1	REF:	106
37.	The _			_ statement generates a warning if the include file cannot be found.
	ANS:	include		
	PTS:	1	REF:	110
38.		nd halts the pr		statement the program assure that the file is added to the script only g of the web page and displays an error message if the include file cannot
	ANS:	require_once		
	PTS:	1	REF:	110