https://selldocx.com/products Chapterent Markothologinintroduction-to-programming-using-alice-22-2e-herbert

TRUE/FALSE

1.	Computer programming is part of the software engineering process, which usually involves newer object-oriented design, combined with more traditional methods of algorithm development.					
	ANS: T	PTS:	1	REF:	32	
2.	Top-down developme several parts.	ent start	s at the top with	h one c	oncept or big idea, which is then broken down into	
	ANS: T	PTS:	1	REF:	32	
3.	3. Modular development makes a large project more manageable.					
	ANS: T	PTS:	1	REF:	34	
4.	Modular developmen	t is slov	w for large proj	ects.		
	ANS: F	PTS:	1	REF:	34	
5.	Modular developmen	t does r	not necessarily	lead to	a higher-quality product.	
	ANS: F	PTS:	1	REF:	34	
6.	Modular developmen	t makes	s it easier to fin	d and c	orrect errors in computer software.	
	ANS: T	PTS:	1	REF:	34	
7.	Modular developmen	t decrea	ases the reusabi	lity of	your solutions.	
	ANS: F	PTS:	1	REF:	34	
8.	Over time, modular d	levelopı	ment allows yo	u to bui	ild libraries of software modules for different tasks.	
	ANS: T	PTS:	1	REF:	34	
9.	All computer programs, from the lowest levels of an operating system that directly control hardware to the most complex user applications, are made up of layers of short programming modules that are constantly reused in different situations.					
	ANS: T	PTS:	1	REF:	34	
10.	Often, the hardest par causing the error.	t of cor	rrecting an error	r in con	nputer software is finding out exactly what is	
	ANS: T	PTS:	1	REF:	34	
11.	Objects created for or	ne proje	ect cannot be re	used by	other projects.	
	ANS: F	PTS:	1	REF:	35	

12.	Software design begin	ins by w	riting clear spe	ecificati	ons for what the software is supposed to do.	
	ANS: T	PTS:	1	REF:	36	
13.			•		sed from the beginning of the design process and that can be more easily understood.	
	ANS: T	PTS:	1	REF:	36	
14.	Software testers mus circumstances.	t develo	op a testing plan	n that ex	xamines new software under all possible	
	ANS: T	PTS:	1	REF:	38	
15.	5. Once a method has been integration tested and debugged, it can be unit tested.					
	ANS: F	PTS:	1	REF:	38	
16.	Alice objects have the	ree kind	ds of methods.			
	ANS: F	PTS:	1	REF:	39	
17.	Primitive methods ar	e encap	sulated method	ls.		
	ANS: T	PTS:	1	REF:	39	
18.	In Alice, user-defined	d metho	ds are encapsu	lated.		
	ANS: F	PTS:	1	REF:	39	
19.	You can use primitiv	e metho	ods and user-de	fined m	nethods to write new methods of your own.	
	ANS: T	PTS:	1	REF:	39	
20.	Primitive methods m	ay be u	sed to build mo	ore com	plex methods, or they may be run directly.	
	ANS: T	PTS:	1	REF:	41	
21.					licking an object or an object tile in the Object tree in the list that appears.	
	ANS: T	PTS:	1	REF:	41	
22.	The first step in crear objects, and position			set the s	scene by opening a template, adding necessary	
	ANS: T	PTS:	1	REF:	46	
23.	Alice's programming	g langua	ge has two prin	nitive i	nstructions to make an object jump up and down.	
	ANS: F	PTS:	1	REF:	49	

24.	It is much easier to task.	debug so	ftware that is w	ritten a	as small modules, each performing an individual
	ANS: T	PTS:	1	REF:	54
25.	Once a method stop	ps running	g, their values a	re gone	e unless they were saved elsewhere.
	ANS: T	PTS:	1	REF:	54
MUL	ГІРЬЕ СНОІСЕ				
1.	show how sep a. Data charts b. Organizational		ts are organized	c.	m a single complex entity. UML diagrams Flowcharts
	ANS: B	PTS:	1	REF:	34
2.	The process of top- a. reusable code b. tests for correc		ign leads to	c.	encapsulation modular development
	ANS: D	PTS:	1	REF:	34
3.	then you can use tha. Encapsulationb. Concurrency	at code w	henever you no	c. d.	Reusable code Bottom-down design
	ANS: C	PTS:	1	REF:	34
4.	Object-oriented pro a. subprograms b. assignment state ANS: C	_		c.	reusable code functions
_					
5.	a. software develob. modular develo	elopers de opment cy opment cy	esign, code, tes vole vole	t, and d c. d.	object oriented design structured design
	ANS: A	PTS:	1	REF:	36
6.	is a specializea. Encapsulationb. Quantification	ed branch	of software eng	c.	ng. Software testing Tests for correctness
	ANS: C	PTS:	1	REF:	37
7.	measure where a. Tests for correct b. User-defined to	etness	ogram meets tl	c.	inal specifications. Primitive tests Module tests
	ANS: A	PTS:	1	REF:	37

8.	One of the unique fea a. use of structured b. use of object-orie	programming	c.	objects drag-and-drop interface
	ANS: D	PTS: 1	REF:	37
9.	Logic and control tile a. Tile b. Editor area	es can be found at the	c.	of the File area Details area
	ANS: B	PTS: 1	REF:	37
10.	A(n) checks to s a. module test b. unit test	see if the method wo	c.	pected all by itself. user-defined test integration test
	ANS: B	PTS: 1	REF:	38
11.	A(n) checks to s with other methods. a. module test	see if the method wo		it is placed into a larger program in combination user-defined test
	b. unit test		d.	integration test
	ANS: D	PTS: 1	REF:	38
12.	used. a. test function	hod that simulates th	c.	nment in which a newly developed method will be testing shell
	b. test module		d.	test unit
	ANS: C	PTS: 1	REF:	38
13.	are built-in, preda. Primitive method b. Constructors		c.	of each Alice object. Instance methods User-defined methods
	ANS: A	PTS: 1	REF:	39
14.	a. Primitive method b. Constructors	basic behaviors, such	c.	e, turn, and roll. Instance methods User-defined methods
	ANS: A	PTS: 1	REF:	39
15.	are written by p a. Primitive method b. Constructors	eople who use Alice.	c.	Instance methods User-defined methods
	ANS: D	PTS: 1	REF:	39
16.	The term implies the details of the methal a. personification			are hidden from the user; the user cannot see or edit off-camera
	b. concurrency			encapsulation
	ANS: D	PTS: 1	REF:	39

	implies that a	in object canno	t be see	n on the screen with the camera in its current
				camera turn to face camera roll
ANS: A	PTS:	1	REF:	43
letter of each n a. Uppercase	ame that form		d name c.	ithout using blank spaces, but capitalizing the first Lowercase mixedCase
ANS: B		1		
A(n) give	es us informat	ion about how	the met	hod works
a. method hea	ader	ion dood! no w	c.	parameter instance variable
ANS: A	PTS:	1	REF:	51
		ory location tha	c.	orarily stores a value while a method is running. module variable
ANS: D	PTS:	1	REF:	54
have data properties. a. Shells b. Variables	types, just lil	ce properties, a	c.	are stored in the memory of the computer, just like Modules Templates
ANS: B	PTS:	1	REF:	54
are associated. Functions b. Shells	iated with an	object, and the	c.	s are maintained as long as the object exists. Properties Global variables
ANS: C	PTS:	1	REF:	54
are associated a. Variables b. Shells	iated with a p	articular metho	c.	Properties Global variables
ANS: A	PTS:	1	REF:	54
The values of _a. variables b. shells	exist onl	y inside the me	c.	properties tiles
ANS: A	PTS:	1	REF:	54
A(n) is a from one runne a. object b. module		_	c.	parameter testing shell
	position. a. off-camera b. camera poi ANS: A	position. a. off-camera b. camera point at ANS: A PTS: is the practice of writin letter of each name that form a. Uppercase b. CamelCase ANS: B PTS: A(n) gives us informat a. method header b. constructor ANS: A PTS: A is a name for a memoral a. constructor b. template ANS: D PTS: have data types, just libroperties. a. Shells b. Variables ANS: B PTS: are associated with an anal a. Functions b. Shells ANS: C PTS: are associated with a properties b. Shells ANS: A PTS: The values of exist online a. variables b. shells ANS: A PTS:	position. a. off-camera b. camera point at ANS: A PTS: 1 is the practice of writing compound n letter of each name that forms the compound a. Uppercase b. CamelCase ANS: B PTS: 1 A(n) gives us information about how a. method header b. constructor ANS: A PTS: 1 A is a name for a memory location that a. constructor b. template ANS: D PTS: 1 have data types, just like properties, a properties. a. Shells b. Variables ANS: B PTS: 1 are associated with an object, and their a. Functions b. Shells ANS: C PTS: 1 are associated with a particular metho a. Variables b. Shells ANS: A PTS: 1 The values of exist only inside the metal. a. variables b. shells	position. a. off-camera