Name

## https://selldocx.com/products /test-bank-understanding-oplerating-systems-8e-mchoes Dat

Chapter 1: Introducing	g Operating Systems		
1. The operating syste	m manages each and	every piece of hardware a	and software.
	a.	True	
	b.	False	
ANSWER:			True
2. The Memory Mana of every major operati	_	nager, the User Manager,	and the File Manager are the four essential managers
	a.	True	
	b.	False	
ANSWER:			False
3. Networking was no	t always an integral p	part of operating systems.	
	a.	True	
	b.	False	
ANSWER:			True
4. The Memory Mana	ger is in charge of ma	ain memory, widely know	n as ROM.
	a.	True	
	b.	False	
ANSWER:			False
5. The content of a rar turned off.	ndom access memory	(RAM) chip is nonvolatil	e, meaning that it is not erased when the power is
	a.	True	
	b.	False	
ANSWER:			False
6. The Device Manage the most efficient way		connecting with every dev	ice that's available on the system and for choosing
	a.	True	
	b.	False	
ANSWER:			True
7. An important functi	ion of the Processor I	Manager is to keep track o	f the status of each job, process, and thread.
-	a.	True	
	b.	False	
ANSWER:			True
8. Operating systems va convenient way for a			al manager called the Network Manager that provides
Ž	a.	True	
	b.	False	
ANSWER:			True

Name :		Class :	Dat e:
Chapter 1: Introducing (	Operating Systems		
	a.	True	
	b.	False	
ANSWER:			True
10. When executing a jo storage or whether it is a			quest requires that a file be retrieved from
	a.	True	
	b.	False	
ANSWER:			False
11. The central processin execution of instructions		e brains of the computer with	the circuitry to control the interpretation and
	a.	True	
	b.	False	
ANSWER:			True
12. Onboard systems are capabilities.	e computers that ar	e physically placed inside the p	products that they operate to add features and
	a.	True	
	b.	False	
ANSWER:			False
13. Batch systems date f known as a stack.	from early compute	ers, when each job consisted of	a stack of chips entered into the system as a un
	a.	True	
	b.	False	
ANSWER:			False
14. General-purpose ope	erating systems suc	h as Linux or Windows are us	ed in embedded systems.
	a.	True	
	b.	False	
ANSWER:			False
15. The first bug was a r	noth trapped in a H	Harvard computer.	
	a.	True	
	b.	False	
ANSWER:			True
		e the discrepancy in speed betw b browsers to make video and	veen the I/O and the CPU were conceptually audio playback smoother.
	a.	True	
	b.	False	
ANSWER:			True

17. In active multiprogramming schemes, a job can monopolize the CPU for a long time while all other jobs waited.

\*Copyright Cengage Learning. Powered by Cognero.\*\*

Page 2

Name :		Cla :	ass		Dat e:
Chapter 1: Introducing C	Operating Systems				
	a.	True			
	b.	False			
ANSWER:				False	
18. In the 1980s, as a resparallel.	sult of multiprocess	ing techniques, it b	ecame po	ssible to execute two pro	ograms at the same time in
	a.	True			
	b.	False			
ANSWER:				True	
19. With distributed ope	rating systems, use	rs need to be aware	of which	processor is actually run	nning their applications.
	a.	True			
	b.	False			
ANSWER:				False	
20. In the 2010s, chips v dramatically.	vith millions of tran	sistors that were ve	ery close t	ogether helped increase	system performance
	a.	True			
	b.	False			
ANSWER:				True	
21. The is often ve	ry different from o	ne operating system	to the ne	ext, sometimes even betv	veen different versions of
the same operating syste				D 14	
a. User Inte			b.	Process Manager	
•	Manager		d.	File Manager	
ANSWER:					a
22. A chip holds so	oftware that is used	to start the comput	er.		
a.	RAM		b.	ROM	
c.	CPU		d.	buffer	
ANSWER:					b
23. The uniquely is making the operating sys				tors its progress, and, fin	nally, deallocates it,
a. Device M			b.	File Manager	
c. Keyboard	d Manager		d.	Memory Manager	
ANSWER:					a
24. Each peripheral devithat device, allocate it to					structions required to start
	controller	<b>3</b> ,	b.	device software	
c. device l	handler		d.	device driver	
ANSWER:					d
25 is the practice of	of using Internet-co	onnected resources t	o perforn	n processing, storage, or	other operations.

Page 3

Copyright Cengage Learning. Powered by Cognero.

:	: :	ss 	e:		
Chapter 1: Introducing Operating Systems	_				
a. Cloud computing	b.	Command	line interfacing		
c. Process management	d.		nanagement		
ANSWER:				a	
26 is where the data and instructions of a computer	must	reside to be j	processed.		
a. CPU		b.	Main memory		
c. Read-only memory		d.	I/O memory		
ANSWER:				b	
27. The efficiency of a batch system is measured in, time.	, which	n is the numb	per of jobs completed i	n a given amount of	
a. processes	b.	threads			
c. throughput	d.	turnarou	nd time		
ANSWER:				c	
28 systems are used in time-critical environments v time limit.	vhere 1	reliability is	key and data must be p	processed within a strice	
a. Embedded		b.	Hybrid		
c. Interactive		d.	Real-time		
ANSWER:				d	
29. There are two types of real-time systems depending or system risks total system failure if the predicted time dead			s of missing the deadli	ne. A real-time	
a. constrained		b.	restricted		
c. soft		d.	hard		
ANSWER:				d	
30. A hybrid system is a combination of systems.					
a. batch and interactive	b.	batch and re	eal-time		
c. interactive and real-time	d.	real-time ar	nd general-purpose		
ANSWER:				a	
31. The name for the core portion of an operating system	is the				
a. manager		 b.	center		
c. nucleus		d.	kernel		
ANSWER:				d	
32. Starting in the 1950s, to reduce the discrepancy in spewas placed between them to act as a buffer.	eed bet	ween the I/C	and the CPU, an inte	rface called the	
a. control unit	b	. schedu	ler		
c. holder	d	. buffer	manager		
ANSWER:			-	a	
33. The most common mechanism for implementing mult whereby the CPU was notified of events needing operation				e concept,	

Name :		Clas :	ss			Dat e:	
Chapter 1: Introducing (	Operating Systems	_					
a. pa	nging		b		sharing		
c. m	essaging		d	•	interrupt		
ANSWER:							d
34. A system with only as it is needed.	divides programs into parts and k	eep the	em in sec	condary	storage, bringing	g each part in	to memory
a. virtual mem	nory	b.	shared	memor	y		
c. segmented 1	processing	d.	passive	multip	rogramming		
ANSWER:							a
a. shared pro c. time slicin ANSWER:	ng	b. d.	CPU s distrib	sharing outed p	rocessing		c
being held in secondary	ed to indicate that a program is pe storage.	ermane	nuy neid	ı III KO	wi (read only mer	nory), as opp	osed to
a. ha	ardware		b.	firm	ware		
c. so	ftware		d.	shar	eware		
ANSWER:							b
37 allows separate	e partitions of a single server to su	ipport o	different	operati	ng systems.		
a. Multipro	ocessing		b. Mu	ıltithre	ading		
c. Virtualiz	zation		d. Sha	ared pr	ocessing		
ANSWER:							c
38. With the developmen	nt of technology, a single ch	iip was	equippe	d with	two or more proc	essor cores.	
_	rogramming	=		b.	multimedia		
c. networ	king			d.	multicore		
ANSWER.							d