https:	://selldocx.com/j	oroducts/test-bank-media-and-c Class	ulture-13e-campbell Dat
:		::	e:e:
Chapter 2			
1. The Internet original	inated as a military	and government project.	
	a.	True	
	b.	False	
ANSWER:			a
2. The Internet was isolated population.		to transport messages more rapidly for	r an increasingly sedentary and
1 1	a.	True	
	b.	False	
ANSWER:			ь
3. ARPAnet is a bro	wcar		
3. ART Allet is a bit	a.	True	
	ь.	False	
ANSWER:	0.	T disc	ь
4. The Internet was nuclear disaster.	designed so that a a.	centralized authority could control ele True	ectronic communication during a
	b.	False	
ANSWER:			b
5. The Internet is a l	hierarchically struc	tured network.	
	a.	True	
	b.	False	
ANSWER:			b
6. The Internet is ovnecessary.	wned and operated	by the federal government, which has	the power to shut it down when
·	a.	True	
	b.	False	
ANSWER:			b
7. E-mail was one o	of the earliest service	ees of the Internet.	
	a.	True	
	b.	False	
ANSWER:			a
8. The introduction	of microprocessors	s in the 1970s made personal compute	ers possible.
	a.	True	-

False

b.

Name :		Class :	Dat e:
Chapter 2			
ANSWER:			a
9. HTML stands for	"hypertext marku	p language."	
	a.	True	
	b.	False	
ANSWER:			a
10. Mosaic was the f	First user-friendly	browser.	
	a.	True	
	b.	False	
ANSWER:			a
11. In the first decad	es of the Internet,	most people connected to it throug	h telephone wires.
	a.	True	
	b.	False	
ANSWER:			a
12. In the 1990s, AO	L was the top Into	ernet service provider in the United	States.
	a.	True	
	<b>b</b> .	False	
ANSWER:			a
13. Bing has nearly 6	66 percent of the s	search engine market share.	
	a.	True	
	<b>b</b> .	False	
ANSWER:			ь
14. The web is a part	ticipatory medium	in which anyone can be involved.	
	a.	True	
	<b>b</b> .	False	
ANSWER:			a
15. Disinformation is	s another term for	misinformation.	
	a.	True	
	<b>b</b> .	False	
ANSWER:			b
16. Misinformation i	is false or mislead	ing information spread by people w	ho assume it's true.
	a.	True	
	b.	False	
ANSWER:			a

Name :		Class :	Dat e:
Chapter 2			
17. Social media ha	s only brought ben	efits for democracy.	
	a.	True	
	b.	False	
ANSWER:			b
18. Features of onlin	ne social media he	p create filter bubbles.	
	a.	True	
	b.	False	
ANSWER:			a
19. Google uses pro	ofile information to	deliver targeted and personalized ads	to its users.
	a.	True	
	b.	False	
ANSWER:			a
20. Cookies are file collect other inform		site owner to chart a computer user's rer.	novements within the website and
	a.	True	
	b.	False	
ANSWER:			a
		Act of 2000 requires schools and library ornographic, or otherwise harmful con	
	a.	True	
	b.	False	
ANSWER:			a
22. Most websites for	Collow an "opt-in" o	data policy when collecting information	on from online consumers.
	a.	True	
	b.	False	
ANSWER:			b
23. Open-source sof	ftware has code tha	at can be updated by anyone interested	in modifying it.
1	a.	True	, ,
	b.	False	
ANSWER:			a
24. Linux is an exar	mple of open-sourc	e software.	
	a.	True	
	b.	False	
ANSWER:			a

25. Universal access is the notion that every citizen, regardless of income or location, should have the opportunity to use and benefit from a technology.  a. True b. False  ANSWER: a. China b. South Korea c. Turkey d. France  ANSWER: a technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER: c  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called? a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER: a 29. Which statement about the Internet is NOT true? a. One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet alleast occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.	Name :			Class :	Dat e:
opportunity to use and benefit from a technology.  a. True b. False  ANSWER:  a. China b. South Korea c. Turkey d. France  ANSWER:  a. China b. South Korea c. Turkey d. France  ANSWER:  a. technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER:  c. Summunication security d. desire for a New toy, or novelty  ANSWER:  c. Summunication security d. desire for a New toy, or novelty  ANSWER:  c. Summunication security d. desire for a New toy, or novelty  ANSWER:  c. Summunication security d. MSDOS  ANSWER:  a. ARPAnct b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a. ANSWER:  a. China b. South Korea c. Turkey d. MSDOS  ANSWER:  a. ARPAnct b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a. China b. South Korea c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.	Chapter 2				
ANSWER:  1. China 26. Which country has the most Internet users?  27. What was one original motivation for developing the Internet?  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  29. Which statement about the Internet is NOT true?  20. Which statement about the Internet is NOT true?  20. One of the goals for its creation and early development was to strengthen the nation's research capacity.  29. Which statement about the Internet is NOT true?  20. One of the goals for its creation and early development was to strengthen the nation's research capacity.  20. Roughly 90 percent of Americans use the Internet at least occasionally.  21. Which is a hierarchical network in which some users have the power to kick others off the network.  22. Roughly 90 percent of Americans use the Internet at least occasionally.  23. It is a hierarchical network in which some users have the power to kick others off the network.  24. Roughly 90 percent of Americans use the Internet at least occasionally.  25. It is a hierarchical network in which some users have the power to kick others off the network.  26. Roughly 90 percent of Americans use the Internet at least occasionally.  27. Which statement about the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.				•	me or location, should have the
Answer:  26. Which country has the most Internet users?  a. China b. South Korea c. Turkey d. France  Answer:  a. technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER:  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  29. Which statement about the Internet is NOT true? a. One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hier-archical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.					
26. Which country has the most Internet users?  a. China b. South Korea c. Turkey d. France  ANSWER:  a. technical innovation for developing the Internet?  a. technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER:  c. 28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a 29. Which statement about the Internet is NOT true? a. One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.			b.	False	
a. China b. South Korea c. Turkey d. France  ANSWER:  a. technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER:  c. 28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a. Onc of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.	ANSWER:				a
a. China b. South Korea c. Turkey d. France  ANSWER:  a. technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER:  c. 28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a. Onc of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.	26. Which coun	try has the r	nost Intern	et users?	
c. Turkey d. France  ANSWER: a technical innovation for developing the Internet?  a. technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER: c  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER: a One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.		•			
d. France  ANSWER:  a. technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER:  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a. ASDOS  ANSWER:  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a. One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.		b.	South	Korea	
27. What was one original motivation for developing the Internet?  a. technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER:  c  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a  29. Which statement about the Internet is NOT true? a. One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.		c.	Turke	у	
27. What was one original motivation for developing the Internet?  a. technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER:  c  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a  29. Which statement about the Internet is NOT true? a. One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.		d.	France	2	
a. technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER:  c  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a  29. Which statement about the Internet is NOT true? a. One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.	ANSWER:				a
a. technical innovation b. entrepreneurial ambition c. communication security d. desire for a new toy, or novelty  ANSWER:  c  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a  29. Which statement about the Internet is NOT true? a. One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.	27. What was or	ne original r	notivation	for developing the Internet?	
c. communication security d. desire for a new toy, or novelty  ANSWER:  c  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a  29. Which statement about the Internet is NOT true?  a. One of the goals for its creation and early development was to strengthen the nation's research capacity.  b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.		_		1 0	
c. communication security d. desire for a new toy, or novelty  ANSWER:  c  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a  29. Which statement about the Internet is NOT true?  a. One of the goals for its creation and early development was to strengthen the nation's research capacity.  b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.	<b>b</b> .	entreprene	eurial ambi	ition	
d. desire for a new toy, or novelty  ANSWER:  c  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a  29. Which statement about the Internet is NOT true?  a. One of the goals for its creation and early development was to strengthen the nation's research capacity.  b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.	c.	-			
ANSWER:  28. Designed by the U.S. Defense Department's Advanced Research Projects Agency, what was the original Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a  29. Which statement about the Internet is NOT true? a. One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.	d.			•	
Internet called?  a. ARPAnet b. HTML c. WWW (World Wide Web) d. MSDOS  ANSWER:  a  29. Which statement about the Internet is NOT true? a. One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.	ANSWER:		•	·	c
<ul> <li>a. ARPAnet</li> <li>b. HTML</li> <li>c. WWW (World Wide Web)</li> <li>d. MSDOS</li> </ul> ANSWER: <ul> <li>a</li> </ul> 29. Which statement about the Internet is NOT true? <ul> <li>a. One of the goals for its creation and early development was to strengthen the nation's research capacity.</li> <li>b. It is a hierarchical network in which some users have the power to kick others off the network.</li> <li>c. Roughly 90 percent of Americans use the Internet at least occasionally.</li> <li>d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.</li> </ul>		the U.S. D	efense Dep	partment's Advanced Research P	Projects Agency, what was the original
c. WWW (World Wide Web) d. MSDOS  ANSWER:  a  29. Which statement about the Internet is NOT true? a. One of the goals for its creation and early development was to strengthen the nation's research capacity. b. It is a hierarchical network in which some users have the power to kick others off the network. c. Roughly 90 percent of Americans use the Internet at least occasionally. d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.		ARPAn	et		
d. MSDOS  ANSWER:  a  29. Which statement about the Internet is NOT true?  a. One of the goals for its creation and early development was to strengthen the nation's research capacity.  b. It is a hierarchical network in which some users have the power to kick others off the network.  c. Roughly 90 percent of Americans use the Internet at least occasionally.  d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.	b.	HTML			
<ul> <li>ANSWER: <ul> <li>a. One of the goals for its creation and early development was to strengthen the nation's research capacity.</li> <li>b. It is a hierarchical network in which some users have the power to kick others off the network.</li> <li>c. Roughly 90 percent of Americans use the Internet at least occasionally.</li> <li>d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.</li> </ul> </li> </ul>	c.	WWW	(World Wi	de Web)	
<ul> <li>29. Which statement about the Internet is NOT true?</li> <li>a. One of the goals for its creation and early development was to strengthen the nation's research capacity.</li> <li>b. It is a hierarchical network in which some users have the power to kick others off the network.</li> <li>c. Roughly 90 percent of Americans use the Internet at least occasionally.</li> <li>d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.</li> </ul>	d.	MSDOS	S	,	
<ul> <li>a. One of the goals for its creation and early development was to strengthen the nation's research capacity.</li> <li>b. It is a hierarchical network in which some users have the power to kick others off the network.</li> <li>c. Roughly 90 percent of Americans use the Internet at least occasionally.</li> <li>d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.</li> </ul>	ANSWER:				a
<ul> <li>a. One of the goals for its creation and early development was to strengthen the nation's research capacity.</li> <li>b. It is a hierarchical network in which some users have the power to kick others off the network.</li> <li>c. Roughly 90 percent of Americans use the Internet at least occasionally.</li> <li>d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.</li> </ul>	29. Which state	ment about i	the Interne	t is NOT true?	
<ul><li>b. It is a hierarchical network in which some users have the power to kick others off the network.</li><li>c. Roughly 90 percent of Americans use the Internet at least occasionally.</li><li>d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.</li></ul>	a. One of t	he goals for			strengthen the nation's research
<ul><li>c. Roughly 90 percent of Americans use the Internet at least occasionally.</li><li>d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.</li></ul>			etwork in v	which some users have the power	r to kick others off the network.
d. In its development stage, the Internet was primarily used by universities, government research labs, and corporations involved in computer software and other high-tech products.				•	
	d. In its de	velopment s	tage, the In	nternet was primarily used by un	iversities, government research labs,
	ANSWER:				-
20. Which ontion was a user concreted practice from early Internet warrance	20 Which anti-	m wee e yee	r conomoto	d proatice from early Intermed	ova?
30. Which option was a user-generated practice from early Internet users?  a. bulletin board services	-		•	-	219 (
b. websites				01 7 1000	

c.

search engines

Name :		Class	Dat e:
Chapter 2			
d.	social media		
ANSWER:			a
21 Which two d	avalonments ware kay	y to the Internet's marketability?	
	nicroprocessors and fi	•	
	ARPAnet and micropro	-	
	ARPAnet and digitizat		
	-commerce and distrib		
ANSWER:		- 11	a
		Internet and the web?	
		programs; the web is the more popular one.	
	= -	r file transfer, while the web was a data-linking	=
	•	ked computers; the web is a system of linked sa	tellites.
	rnet is the older version	on of the web.	
ANSWER:			b
33. What is the r link files to one		used for displaying text, images, and other mult	imedia that allows users to
	a. Jav	vaScript	
	b. HT	TML .	
	c. Mo	osaic	
	d. Lir	nux	
ANSWER:			b
34 What does th	ne "M" in HTML stan	d for?	
54. What does in		Cicrosoft	
		arkup	
		edium	
		odular	
ANSWER:			ь
35. Which inven	•	net to mass audiences?	
a.	web browsers		
b.	search engines		
c.	e-mail		
d.	computer bulleting	boards	
ANSWER:			a
36. Web navigat	ion software packages	s such as Firefox and Safari are examples of	
_	a. social media	<u> </u>	

Name :		Class :	Dat e:
Chapter 2			
1	o. searc	h engines.	
(		ting systems.	
(	d. brow		
ANSWER:			d
37. What does th	ne "S" in ISP s	tand for?	
	a.	superscript	
	b.	service	
	c.	system	
	d.	social	
ANSWER:			b
38. As broadban	d connections	became more available, users moved aw	vay from
a.	the Interne	t.	
b.	dial-up se	vice.	
c.	e-mail.		
d.	Internet se	rvice providers.	
ANSWER:			b
39. Which option	n is NOT one	of today's major ISPs?	
	a.	Verizon	
	Ъ.	Comcast	
	c.	AT&T	
	d.	Google	
ANSWER:			d
40. Facebook is	an example of		
a.	an ISP.		
b.	a web br	owser.	
c.	a social 1	nedia platform.	
d.		ing system.	
ANSWER:	•		c
41. YouTube is a	an example of	which kind of service	
	a.	Web 1.0	
	<b>b</b> .	Web 2.0	
	c.	Web 3.0	
	d.	ISP	
ANSWER:			ь

Name :		Class :	Dat e:
Chapter 2	<u>2</u>		-
42. As ear	ly as 19	99, HTML inventor Tim Berners-Lee anticipated the emergence of	
	a.	the World Wide Web.	
	b.	voice recognition assistants.	
	c.	the Semantic Web.	
	d.	ISPs.	
ANSWER.	•		c
43. Apple	's voice	recognition assistant, Siri, is an example of what?	
	a.	Web 3.0	
	b.	social media platforms	
	c.	Web 1.0	
	d.	Web 2.0	
ANSWER.	•		a
44. Which event, or o			tes a larger idea,
	a	5	
	b		
	С		
ANGINER	d	. walled garden	
ANSWER.	•		a
<ul><li>a. Ir</li><li>b. O</li><li>c. O</li></ul>	nformation Inline co Inline co	ent BEST describes a benefit of online communities? on that upholds a community's preexisting beliefs can spread quickly. mmunities can provide support and advice for marginalized groups. mmunities can lead to increased polarization.	
		community can become disconnected from other communities.	
ANSWER.	•		b
46. Which beliefs?	ı term de	escribes spaces where we are exposed only to ideas and opinions that ma	tch our existing
	a.	social media platforms	
	b.	filter bubbles	
	c.	walled gardens	
	d.	cookies	
ANSWER.	•		b
47. Our te	ndency	to favor information that conforms to our preexisting beliefs over inform	ation that challenges

b. confirmation bias.

Copyright Macmillan Learning. Powered by Cognero.

filter bubbles.

them is known as

a.

	Class ::	Dat e:
alled gardens.		
=	O).	
- ,		b
s to various wavs of enco	ding information that existed	before binary code?
a. Web 2.0	<u></u>	011010 0111012 00 000
b. read-only		
•		
· ·		
C		d
t about digital and analog	media content is true?	
•		is digital.
<del>-</del>	•	is digital.
•		
ng of content into ones af	ia zeros is anarog.	ь
ating, or repurposing exis remix culture walled garden filter bubble		communicate by mixing, editing,
disinformation		a
value?  net neutrality  the Semantic Web  the remix culture law	copyrighted material withou	t permission as long as the use does
right of fair use		d
		u u
		a well-known person was somewhere
walled garden.		
remix.		
GIF.		
deepfake.		
	s to various ways of encode a. Web 2.0 b. read-only c. digitization d. analog sion of an image onto celetent is easier to manipulate g of a song into grooves ong of content into ones are cribes a society in which plating, or repurposing exist remix culture walled garden filter bubble disinformation  rine permits people to use value?  net neutrality the Semantic Web the remix culture law right of fair use  est digital editing technology and the semantic walled garden.  remix.  GIF.	st to various ways of encoding information that existed a. Web 2.0 b. read-only c. digitization d. analog  t about digital and analog media content is true? sion of an image onto celluloid by a chemical process tent is easier to manipulate. g of a song into grooves on vinyl is digital. ng of content into ones and zeros is analog.  cribes a society in which people are able to create and clating, or repurposing existing content? remix culture walled garden filter bubble disinformation  crine permits people to use copyrighted material without value? net neutrality the Semantic Web the remix culture law right of fair use  st digital editing technology to make it look as though a sey never actually did is known as a walled garden. remix. GIF.

Name 	Class         Dat	
Chapter 2		
ANSWER:		d
53. Which termillions of us	m describes the business model that involves making money by controlling the persers?	onal data of
	a. data mining	
	b. net neutrality	
	c. universal access	
	d. surveillance capitalism	
ANSWER:		d
a. th	Google make money from e-mail?  nrough ads based on key words in e-mails  ia fees charged to users  nrough government subsidies	
	ia reimbursements from computer manufacturers	
ANSWER:	a removisemente from computer munutuoturese	a
<ul><li>a. It is a</li><li>b. It is a</li><li>c. Some</li></ul>	passing fad because it is unpopular with advertisers and generates very little revenu big part of the revenue of sites like Google and Facebook.  versions read your e-mail messages to find key words that trigger specific ads.  y undermine the role of search engines to provide neutral access to information.	e. a
	te scroll of a platform such as Pinterest or Instagram is an example of what principle a. net neutrality b. data mining c. addictive design d. surveillance capitalism	÷?
ANSWER:	d. Survemance capitansin	c
	w grants sweeping powers to law enforcement agencies to intercept individuals' onlines, including e-mail and browsing records?  Communications Decency Act  Telecommunications Act  USA PATRIOT Act	ne
d.	Children's Internet Protection Act	
ANSWER:		c

a. a public service ethos rooted firmly in the assumption that all data being sent across the Internet

Copyright Macmillan Learning. Powered by Cognero.

58. Which definition BEST describes the principle of net neutrality?

Name :		Class :	Dat e:
Chapter 2			
would	d be treated the same		
b. the no		less of income or location, shou	ald have the opportunity to use
d. a lega	al doctrine that permits people	rogram source codes along with to use copyrighted material wit	n ideas for improving programs thout permission as long as the
	oes not compromise its value		
ANSWER:			a
59. What is a	n "opt-in" Internet policy?		
		the right to collect and share yo	our information
b. a poli	cy of inserting spyware on uns	suspecting computers	
_	cy whereby consumers have to y data	give their consent before a we	ebsite can collect any browsing-
d. a poli	cy favored by marketers and d	ata-mining corporations	
ANSWER:			c
60 Which at	otomont ob out I invest of freeze	is NOT two?	
	atement about Linux software subscription based.	is NOT true?	
	ny people have contributed to i	ts develonment	
	• • •	g servers rather than on PC desl	ctons
	as established by Linus Torval		xtops.
ANSWER:	as established by Ellias Torvar	100 111 1991.	a
21 (27) 211			-
	he main difference between Lis Microsoft is less reliable.	nux software and Microsoft so	ftware?
b.	Linux is less reliable.		
c.	Linux is open-source softw	are.	
d.	Microsoft is open-source so	oftware.	
ANSWER:			c
62. What is N	NOT a threat to privacy of pers	onal information on the Interne	et?
	a. government surveillan		
	b. data mining		
	c. cookies		
	d. digital archiving		
ANSWER:			d

63. What does the term *digital divide* refer to?

a. the contrast between those who can afford technology and those who cannotb. the length of time it takes for messages to travel between two continents

Name :		Class ::	Dat e:
Chapter 2			
c. the competition	n between software con	npanies	
d. the programmin	ng gap between using a	a Microsoft operating system	and a system like Linux
ANSWER:			a
<ul><li>a. Smartphones w</li><li>b. Smartphones n</li><li>c. Smartphones w</li></ul>	riden the digital divide arrow the digital divide riden the digital divide	nd the digital divide is accurate because the newest models at by providing an alternative by giving affluent people ever by acting as a perfect substitute.	re prohibitively expensive. to home Internet service. en more access to the Internet.
65. Which technology	could narrow the digita	ll divide by providing downlo	oad speeds on par with broadband?
a.	4G		
b.	5G		
c.	6G		
d.	walled gardens		
ANSWER:			b
66. A citizen of which	country is MOST LIK	ELY to have limited or no acc	cess to the web?
	a. Japan		
	b. Turkey		
	c. Sweden		
	d. Australi	a	
ANSWER:			b
67. A citizen of which	country is LEAST LIK	ELY to have limited or no ac	ccess to the web?
a.	Russia		
b.	South Korea		
c.	China		
d.	Pakistan		
ANSWER:			ь
68. Which reason BES' phone networks to undo			provide Internet access via mobile
a. to sp	oread democracy		
b. to na	arrow the digital divide		
c. to co	ombat Russian troll far	ms	
d. to fir	nd new markets		
ANSWER:			d

69. Which country's tech giant Huawei has been winning contracts to build much of Africa's 5G infrastructure? Copyright Macmillan Learning. Powered by Cognero.

Name	Class	Dat
	:	e:

a. Japan

b. South Korea

c. China

d. North Korea

ANSWER: c

70. Name a group that worked to establish the early Internet. Explain the motivation for developing the Internet. *ANSWER:* Answers will vary but should indicate that the U.S. Department of Defense, funded by U.S. taxpayers, developed the Internet. In the 1950s and 1960s, military leaders preparing America for the Cold War looked to address two concerns. First, existing communication systems were highly centralized, which also made them vulnerable: If a Soviet nuclear bomb destroyed a central communication hub, the United States' ability to respond would be compromised. Researchers at the Defense Department's Advanced Research Project Agency (ARPA) envisioned a distributed network system where messages could be rerouted, meaning the loss of any single node would not disrupt communication. Second, anxious to ensure U.S. technological superiority, ARPA worked to strengthen the nation's research capacity, which included finding ways to better utilize expensive supercomputers, which were becoming vital research tools.

- 71. Many experts agree that one of the major characteristics that make the Internet unique is that it cannot be centrally controlled. Explain why and how this came about.
- ANSWER: Answers will vary but should discuss how the Internet became decentralized. Before the Internet, communication systems were highly centralized, which also made them vulnerable: If a Soviet nuclear bomb destroyed a central communication hub, the United States' ability to respond would be compromised. Researchers at the Defense Department's Advanced Research Project Agency (ARPA) envisioned a distributed network system where messages could be rerouted, meaning the loss of any single node would not disrupt communication. Ironically, one of the most hierarchically structured institutions in our culture—the national defense industry—created the Internet, one of the least controllable communication systems ever conceived. While companies own parts of the Internet's infrastructure and organizations establish technical protocols that determine how computers get connected, no entity can turn off the network or dictate who can or cannot join it.
- 72. Explain the characteristics that distinguish Web 1.0, Web 2.0, and Web 3.0.

Answers will vary but should explain the differences between the different periods of the Internet. In the early 1990s, a handful of developments—the creation of the World Wide Web, the first web browsers, and the growth of Internet service providers and search engines—pushed the Internet into its Web 1.0 phase, in which it became a mass medium used by many people. In the early 2000s, there was a major shift in what users could do online. In Web 1.0, the web was a read-only system: websites were places people went to view information. In the next phase, which some called Web 2.0, the web became read-write, or interactive—a place where users could read information, contribute their own digital content, and directly engage with other users. Certain changes have pushed the Internet into a new phase—what some have called Web 3.0—that is characterized by two interrelated developments: the Semantic Web and the Internet of Things. We now have a Semantic Web in which web pages and databases are created in such a way that a computer—functioning as something akin to artificial intelligence—can examine the web's vast quantities of data and automatically provide useful solutions to people's needs. The second

Name	Class	Dat	
	•	Δ.	
		Ե.	

component of Web 3.0 is technology that allows a growing array of devices—TVs, tablets, and smartphones, but also cars, refrigerators, thermostats, traffic lights, and more—to communicate with each other and with the Internet. The Internet of Things, as it has been dubbed, is integrating the Internet into almost every part of our environment, including hospitals, urban infrastructure, factories, financial systems, and our homes.

73. Discuss some ways that the web's interactivity has fostered problem solving and content creation.

Answers will vary but should discuss how the Internet facilitates problem solving and content creation. Responses may also use personal examples to illustrate the use of the Internet in problem solving and content creation. Some observers suggested that the web's new level of interactivity would revolutionize problem solving and content creation by harnessing the collective intelligence of a vast population. Indeed, the development of wikis—open and collaborative websites where people work together to edit and create content—has supported such collective engagement. Wikipedia, the online encyclopedia with over fifty-four million articles that is continually updated by millions of editors, is the best-known example. Many other parts of the web also leverage crowdsourcing potential to create user-generated storehouses of knowledge about everything from the quality of local restaurants to video game cheat codes to the difficulty of professors' exams. In certain ways, such efforts follow the ethos of the Internet's earliest users, who celebrated the open exchange of information.

74. Describe the relationship between the Semantic Web and the Internet of Things.

ANSWER: Answers will vary but should discuss how the Semantic Web and the Internet of Things have led to the creation of Web 3.0. As early as 1999, Tim Berners-Lee, the web's original creator, anticipated the emergence of a Semantic Web in which web pages and databases would be created in such a way that a computer—functioning as something akin to artificial intelligence—could examine the web's vast quantities of data and automatically provide useful solutions to people's needs. By the 2010s, that vision had started to become a reality. For example, because Netflix employees tag each film and TV series with information about the cast, genre, date of release, and tone, Netflix's algorithm can review the programs you've watched, determine that you like "feel-good coming-ofage movies with a strong female lead," and suggest other similar programs for you. A related component of Web 3.0 is technology that allows a growing array of devices—TVs, tablets, and smartphones, but also cars, refrigerators, thermostats, traffic lights, and more—to communicate with each other and with the Internet. The Internet of Things, as it has been dubbed, is integrating the Internet into almost every part of our environment, including hospitals, urban infrastructure, factories, financial systems, and our homes. An Internet-connected refrigerator, for example, can take a photo of the interior every time the door closes, making it possible for someone at the supermarket to call up the last photo when deciding whether or not to buy milk. The Internet of Things and the Semantic Web are expected to work in tandem to alter how we relate to our media environment. Voice recognition assistants like Amazon's Alexa and Apple's Siri already rely on the two Web 3.0 developments.

75. The Internet has decentralized the creation and spread of information. In what ways has this development been beneficial? In what ways has it been problematic?

ANSWER: Answers will vary but should point out that people have effectively used Twitter, Facebook, and other social media platforms for grassroots activism. Through their decentralized social media accounts, they have challenged repressive regimes, usurped their governments' centralized control

Name	Class	Dat
	•	۵.

of information and propaganda, and exposed government atrocities. One of the earliest instances of democratic action was the wave of protests in numerous Arab nations in North Africa and the Middle East that began in late 2010 and resulted in four rulers being forced from power by mid-2012. The use of digital communication technologies to address injustice and organize grassroots movements has also played out in the United States, where movements on social media like #BlackLivesMatter and #MeToo have helped connect and mobilize millions. But while the use of unrestricted communication can be powerful, it can also get complicated quickly. The digital technologies that allow citizens to challenge injustice can also be used by cyberbullies, trolls, criminals, authoritarian governments, and terrorists. For example, the terrorist organization ISIS, one of the warring parties in Syria and Iraq, has successfully used the Internet and social media to recruit young men and women from other countries and to inspire others to commit terrorism around the world. The Internet's decentralized structure also makes it difficult to contain misinformation and disinformation.

76. Discuss some of the benefits and complications of the Internet's potential to create online communities. Use examples in your response.

ANSWER:

Answers will vary but should discuss how the communities people engage with through the Internet can enhance their lives in meaningful ways. Fan communities are among the best-known examples. While fan clubs operated throughout the twentieth century via local chapters and newsletters, the Internet has dramatically changed their scale and accessibility. Fans from around the world who love the *Harry Potter* book and film franchises, for example, can visit websites to chat with other fans, create or listen to podcasts, share and read fan fiction, or participate in online role-play experiences. As the popularity of such communities suggests, they play a role in helping people find and build bonds with others who share their interests and values. But the very features of the Internet and social media that help us build meaningful bonds with some people can make it harder to build bonds with others, contributing to issues of fragmentation and polarization. Concerns about the health of our current political culture have led people to examine social media's role in creating online filter bubbles—spaces where we are exposed only to ideas and opinions that match our existing beliefs. Models show that over time, users find themselves in increasingly homogeneous networks; conservative and liberal users, for example, become disconnected from each other, and posts that are shared among one group rarely circulate among the other group. Models also show that surrounding ourselves with networks of like-minded people can make us more vulnerable to false information. Information that upholds a community's preexisting beliefs—whether that information is accurate or not—tends to spread quickly across a homogeneous network, while an article debunking false information is unlikely to be shared widely in the same space.

77. Discuss some of the benefits and complications of remix culture.

*ANSWER:* 

Answers will vary but should discuss the benefits and complications of remix culture. A benefit of digital technology is that it allows people to do more with media than consume it. The act of remixing has always been essential to how humans express themselves. Artists often remix other works of art (e.g., allusions in poetry, sampling in rap music, and homages in film), but people also remix as part of daily life. The digital revolution helped make remixing an important feature of contemporary culture, influencing how professional producers and everyday users make media products and communicate with other people. However, the fact that digital content can be manipulated so easily has consequences. Media companies, for example, have fought to maintain

Name	Class	Dat
	•	۵.

control of their copyrighted brand assets out of fear that remixes can undermine their corporate goals. Digital content manipulation also raises concerns about the impact modified representations might have on cultural norms. Today, Photoshop artists routinely manipulate fashion spreads and Instagram photos to make men more buff or give women unnaturally thin thighs, smooth skin, long necks, and bright eyes, establishing unrealistic and possibly harmful beauty standards. Image manipulation has also become a concern for journalists. In its June 2020 coverage of protests in Seattle over the police killing of George Floyd, Fox News posted digitally altered photos on its website that remixed elements from other photographs, seemingly to intensify the sense of social menace in the resulting image. Another type of deceptive material created to mislead the public are deepfakes: images or videos that use advanced digital editing technology to create fraudulent but convincing content. Deepfake tools can superimpose the face of a politician or celebrity onto the face of someone else in a video, making it look as if the well-known person was somewhere doing something they never actually did.

78. Define "surveillance capitalism," and explain how the most powerful Internet-era companies profit from it. Answers will vary but should discuss how Google, Amazon, and Facebook are among the most ANSWER: powerful Internet-era companies because of their role in the rise of surveillance capitalism—an increasingly important business model that involves making money by controlling the personal data of millions of users. Through its search engine and ad-placement service Google Ads, Google, in particular, has radically changed advertising by using the interactive nature of the web to microtarget consumers in a way that traditional magazine or TV ads never could. For example, Google builds unique profiles of each of us that include assumptions about our age, race, location, income, education level, political sensibilities, restaurant preferences, and many other data points. It compiles these profiles by constantly tracking—or data mining—our search histories, locations, browser settings, and even the videos we watch on YouTube. If we have a Gmail account, it scans our e-mails. If we use Google Maps, it knows where we are. If we visit one of the millions of websites or apps Google "partners" with, it knows everything we do there. If we use an Android phone, Google monitors how long it takes us to open a particular app, and determines whether we are walking, biking, or driving to certain locations.

79. Discuss some ways that companies like Google and Facebook attempt to control our attention.

ANSWER: Answers will vary but should provide examples of how Google and Facebook participate in the attention economy. Controlling our attention helps companies like Google and Facebook collect more data and create opportunities to sell more ads—all essential tactics in the emerging attention economy. For example, Facebook and Instagram (both owned by Facebook Inc.) are designed to mine enormous amounts of data from users through their profiles, likes, and posts. Of course, as noted earlier, these apps also encourage users to build an ever-growing network of friends. This expanding network gives Facebook access to even more layers of data, since the company can look beyond individual users to find patterns in behaviors and preferences across an entire community. Facebook and Instagram were also created to maximize user engagement. The social nature of these platforms exploits our innate desire to connect with people we know, but the companies behind these platforms use addictive design principles developed from research into human behavior modification. Key features—the infinite scroll, notifications, "like" buttons, and continually updated content—exploit aspects of human psychology to increase the time users spend on the platforms and to make checking for updates and messages a habit.

Name	Class	Dat
		۵,

80. Discuss the emergence of powerful digital-era surveillance states and their consequences.

ANSWER:

Answers will vary but should discuss that while companies like Google and Facebook gather our personal data for profit, governments usually do so in order to maintain national security, social order, or political control. Since the inception of the Internet, government agencies worldwide have obtained communication logs, web browser histories, and the online records of individual users who thought their online activities were private. In the United States, for example, the USA PATRIOT Act (which became law shortly after the September 11 attacks in 2001) grants sweeping powers to law enforcement agencies to intercept individuals' online communications, including email and browsing records. Emerging technologies are extending government surveillance powers even further, leading some to fear the rise of powerful digital-era surveillance states—societies in which governments conduct systematic mass surveillance on their populations. The media environment in which we live provides governments with powerful new surveillance tools. The Chinese government, for example, works closely with Chinese technology companies like Tencent to conduct mass surveillance of messages sent on apps like WeChat, the country's most popular messaging service. It is also in the process of building a vast network of urban video cameras, which—in combination with cell phone tracking, facial recognition technologies, and centralized databases—will give the government an unprecedented degree of surveillance power. The system is already being deployed in China's westernmost province as part of the government's efforts to control the ethnic Uyghur people.

81. Use an example to explain what walled gardens are and why they may pose negative consequences.

ANSWER:

Answers will vary but should use an example to explain walled gardens and their negative consequences. In a world where smartphones are becoming the preferred way to access the Internet, many of us don't typically surf the web to find what we need. Instead, we often end up in highly managed environments brought to us by apps—what some have called walled gardens. Instagram, Facebook, and Pinterest are good examples of these types of environments. By bringing continuous streams of content directly to our feeds, each of these apps is designed to discourage us from leaving to surf elsewhere. These apps have clean, orderly, and easy-to-use interfaces, but we can wind up trapped in their closed gardens without exactly choosing to be. Under the direction of cofounder and longtime CEO Steve Jobs, Apple Inc. famously built its own walled garden by developing hardware, software, and retail services like iTunes and its app store, which offer consumers a seamless, integrated experience—as long as they stay loyal to Apple. Although MacBooks can work with Android phones, and iPhones can work with non-Apple laptops, using all Apple products makes it possible to do more, like receive texts and phone calls on our laptops. Apple's iCloud storage and syncing service enables users to instantly access media content purchased from Apple stores on any Apple mobile device. With each new product and service, Apple tempts users to enter and stay inside its insulated ecosystem with the promise of a more secure and efficient experience. It also comes at a price: Not only do Apple products generally cost more, but Apple also profiles its customers across all of their Apple devices and applications.

82. Discuss the principal of net neutrality and the argument in favor of it presented by net neutrality supporters and large Internet corporations.

ANSWER:

Answers will vary but should discuss net neutrality and arguments in favor of it. The Internet's infrastructure was initially built and managed by various government agencies and developed within a public service ethos rooted firmly in the assumption that all data being sent across the Internet would be treated the same—that is, it would have the same access to the network and

Name	Class	Dat	
	•	Δ.	
		Ե.	

travel across it at the same speed. This vision—what would become known as the principle of net neutrality—went unchallenged for decades. But telephone and cable companies increasingly wanted to treat the data that travels on their networks differently, delivering content faster to clients willing to pay higher rates and providing preferential service for their own content or for content providers who made special deals with them. These companies argue that asking content providers to pay different fees will give them resources needed to improve the network's infrastructure and allow them to lower Internet access costs for customers. In reality, they are simply looking to maximize profits. Supporters of net neutrality—such as bloggers, video gamers, educators, religious groups, unions, nonprofit organizations, and small businesses—claim that the cable and telephone giants have powerful incentives to rig their services and cause network congestion in order to force customers to pay a premium for higher-speed connections. They also argue that an Internet without net neutrality would hurt small businesses, nonprofits, and Internet innovators, who might get stuck in the "slow lane," not being able to afford the same connection speeds that heavily funded corporate websites can afford. Large Internet corporations like Google, Yahoo!, Amazon, eBay, Microsoft, Skype, and Facebook also support net neutrality because their businesses depend on their millions of customers having equal access to the web.

83. How are individuals and organizations attempting to regain control of their privacy from tech companies and governments?

ANSWER:

Answers will vary but should discuss attempts by citizens to regain control from tech companies. People are using a number of strategies to regain control over their information: regulation, protective software, and campaigns for change. Consumer and privacy advocates have called for stronger regulations related to data collection, such as opt-in policies requiring explicit permission from consumers before websites can collect browsing history data. While the FTC has no power to enforce its fair information practice principles, Europe has passed stronger regulations, with large penalties for violations. In the United States, some activists and politicians have called for the use of antitrust laws to break up tech giants, with the argument that their business tactics limit innovation and their market domination makes them less responsive to consumer demands. Protective software such as browser plug-ins to block ads and social media tracking can help people protect their privacy. Finally, both nongovernment organizations, such as the Electronic Frontier Foundation, and private citizens have organized to advocate for user privacy.

84. Define the ideal of universal access, and use an example to illustrate its significance with respect to the Internet.

ANSWER:

Answers will vary but should provide an explanation of universal access and an example to illustrate the significance of universal access. The democratic potential of communication systems has often been measured against the ideal of universal access—the notion that every citizen, regardless of income or location, should have the opportunity to use and benefit from a technology. This principle has long guided the development of the U.S. postal system, as well as broadcast radio and television. As going online evolved from a novelty to an essential tool of daily life—a development only amplified during the 2020 coronavirus pandemic, when many people relied on the Internet for school, work, food, and health-care services—the consequences of unequal access to the Internet grew more serious. Unequal access to the Internet has real consequences for people, and the hurdles to getting online can involve more than just access to technology. A study about the importance of an online community for rural LGBTQ+ teens, for example, revealed the challenges teens faced accessing that community. Some didn't have Internet access at home, but

Name	Class	Dat
		۵.
		<b>C</b> .

even those who did were nervous about using a family computer to visit LGBTQ+ sites. Some tried to get online at school or libraries, but the sites were often blocked.

85. Briefly explain the concept of the "digital divide."

ANSWER:

Answers will vary but should explain that the term *digital divide* refers to the contrast between the information haves (those who can afford to pay for Internet services) and the information havenots (those who can't). Answers may reflect on how smartphones are helping narrow the digital divide and the growth in users of smartphones and cell service. Answers may also note that globally, the have-nots face even greater obstacles in crossing the digital divide. Although the web claims to be worldwide, the most economically powerful countries—such as the United States, Sweden, Japan, South Korea, Australia, and the United Kingdom—account for much of its activity and content. In nations such as China, Russia, Turkey, and Pakistan, the government permits limited access or no access to the web. In many underdeveloped countries, the lack of computers and widespread phone networks has hampered Internet access for decades. However, as mobile phones become more popular in the developing world, they could provide one remedy to the global digital divide.