

Pre-test

Directions:

1. This test consists of 4 main sections: vocabulary, language work, reading, and writing.
2. Use the answer sheet page 1 to answer the questions 1-60, and use page 2 to write the answers to the questions 61-65.

Part 1: Vocabulary

1A: Acronyms and Abbreviations (10 points)

Choose the correct answer to complete each of the acronyms and abbreviations.

1. PC stands for _____ Computer.
a. Person b. Personnel c. Personal d. Portable
2. GPS stands for _____ Positioning System.
a. Gravity b. Grove c. Goal d. Global
3. CPU stands for Central _____ Unit.
a. Professing b. Processing c. Progressing d. Proceeding
4. USB stands for Universal Serial _____.
a. Bus b. Bit c. Bot d. Byte
5. DVD stands for Digital Video / _____ Disc.
a. Vision b. Visual c. Versatile d. Virtual
6. BD stands for _____ – ray Disc.
a. Boo b. Blue c. Blu d. Bro
7. ALU stands for _____ Logic Unit.
a. Arithmetic b. Algorithm c. Artistic d. Algebra
8. RAM stands for Random _____ Memory.
a. Assess b. Access c. Asset d. Accede
9. OS stands for _____ System.
a. Operator b. Operation c. Operating d. Operative
10. LCD stands for Liquid _____ Display.
a. Crispy b. Crystal c. Compact d. Carbon

1B Definitions (10 points)

Choose the best word to complete each definition of the words.

11. A computer is an electronic _____ which accepts and processes data, and gives the results in a specified format as information.
a. tool b. appliance c. equipment d. machine
12. _____ are devices that read and write data on disks.
a. Computers b. Printers c. Monitors d. Drives
13. A port is a _____ in the rear panel of the computer in which you can plug USB drives.
a. pocket b. rocket c. socket d. locket
14. _____ are the units attached to the computer as follows: I/O and storage devices.
a. Input devices b. Peripherals c. Output devices d. Buses
15. _____ is the section which holds the instructions and data currently being processed.
a. Main memory b. CPU c. Hardware d. Software
16. A _____ is a computer screen or device with a screen on which words or pictures can be shown.

- a. presenter b. monitor c. projector d. digitalizer
17. A motherboard, or called mainboard, is the main _____ board of a computer.
a. circus b. citrus c. circuit d. circular
18. Expansion slots are connectors that allow the user to install expansion _____.
a. cards b. cables c. boards d. chips
19. Resolution is the maximum number of _____ in the horizontal and vertical directions of the screen.
a. palettes b. pixels c. pits d. pickers
20. _____ is the total amount of data a disk/disc can be contained.
a. Opacity b. Gravity c. Ability d. Capacity

Part 2: Language work

2A: Collocations (10 points)

Match each word on the left (1-10) with its partner on the right (a-n) to make a meaningful pair or group of words. Each word on the right can be used once. Item 0 is done for you as the example.

- | | |
|------------------|--------------------------------------|
| 21. ____ publish | a. to a computer |
| 22. ____ tune | b. to the Internet |
| 23. ____ surf | c. onto an account |
| 24. ____ make | d. on an object |
| 25. ____ retouch | e. to DVDs |
| 26. ____ burn | f. photos to make them look brighter |
| 27. ____ log | g. electronic books |
| 28. ____ plug | h. into other people's computers |
| 29. ____ click | i. in to Internet radio |
| 30. ____ hack | j. the Web |
| | k. a microphone into a computer |
| | l. video calls |
| | m. files onto CDs |
| | n. up for an account |

2B: Error Identification (10 points)

Each sentence below contains a grammatical mistake. Identify the mistake by choosing A, B, C, or D.


31. A computer system consist of two parts: hardware and software.
a b c d
32. Peripherals are divided in three categories: input, output and storage devices.
a b c d
33. A hard disk is a types of magnetic storage device.
a b c d
34. The processor is built into a single chip, that executes program instructions.
a b c d
35. The mobile phone is the device people who use to communicate with each other.
a b c d
36. A graphic designer is someone whom job is to design pictures for books, magazines or advertising.
a b c d
37. ROM is used for holds instructions needed to start up the computer.

- a b c d
38. A wireless keyboard and mouse operated without cables.
- a b c d
39. Good afternoon. Do you need any helps?
- a b c d
40. Both laptop computers are very fast or cheap.
- a b c d

Part 3: Reading

3A: Advertisement

Read the advertisement and choose the correct answer. (10 points)



Dell OptiPlex 9020 All-in-One

- 4th Gen Intel® Core™ Processor I5-4570S (Quad Core, 2.90GHz Turbo, 6MB, w/ HD Graphics 4600)
- Windows 8 Professional, 64-bit, English
- 4GB² DDR3L at 1600MHz
- 500GB 3.5inch SATA (7.200 Rpm) Hard Drive
- 23" edge-to-edge Multi-Touch Display
- Intel Integrated Graphics
- 3 Year Basic Hardware Service with 3 Year NBD Onsite Service after Remote Diagnosis
- McAfee® LiveSafe 30 days trial

Recommended Accessories Keyboards: Dell Multimedia Pro Keyboard, Dell Wireless Keyboard
 Mouse: Dell Laser Mouse, Dell Wireless Mouse

Source: <http://www.dell.com>

41. What type of computer is advertised?
- a. Notebook PC b. Tablet PC c. Laptop d. Desktop PC
42. How fast is the processor?
- a. 1600MHz b. 2.90GHz c. 7.200 Rpm d. 6 MB
43. What is the memory size of this PC?
- a. 500 GB b. 3.5 inches c. 4GB² d. 7.200 Rpm
44. What size is the display screen?
- a. 3.5 inches b. 23 inches c. 500GB d. 64-bit
45. Which operating system does it use?
- a. Windows Vista b. Windows XP c. Windows 7 d. Windows 8
46. Based on the advertisement, _____ allows the users to interact with this computer.
- a. the display b. the processor c. the hard drive d. the laser
47. What is a technical specification of the brain of this computer?
- a. All-in-one b. Octa Core c. I5-4570S d. DDR3L
48. The word 'trial' means _____.
- a. try to use a product b. try using a service c. try before you buy d. try and get free service
49. Which feature is *not* mentioned in the advertisement?
- a. Processing chip's manufacturer b. Warranty of hardware service
 c. OS used to control the system d. Case containing the computer system
50. Based on the advertisement, which statement is true?

- a. The computer's purchase excludes the keyboard and mouse.
- b. The mouse shown on the advertisement is a mouse with a cable.
- c. This computer is going to be launched in the market next month.
- d. The users have to install an OS after they purchase the computer.

3B News article

Read this news article and answer the questions.

Smartphone and Social Media Usage: Men vs. Women (Infographic)

Written by Catherine Clifford, April 2, 2014, From <http://www.entrepreneur.com/article/232744>

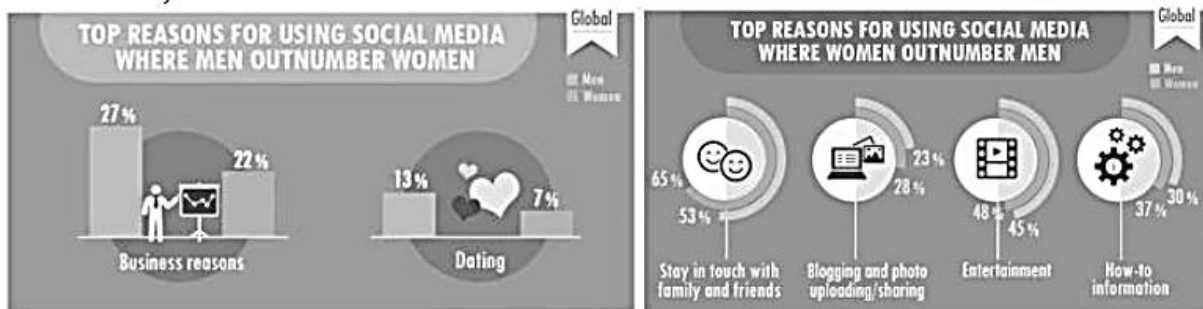
The old adage -- "Men are from Mars, women are from Venus" -- absolutely **holds water** when it comes to how consumers use mobile technology.

Men turn to social media for business reasons more than women do, according to data **compiled** in the infographic below by personal finance website FinancesOnline.com. Men also, somewhat surprisingly, turn to social media for dating purposes more than women do.

Women, on the other hand, are more likely than men to use social media to stay in touch with family and friends, share photos with friends and to find how-to information.

Similarly, men and women look to their smartphones for different reasons when **they** interact with brands. Men are more likely than women to scan a QR code or coupon code. Women, meanwhile, are more likely to follow a brand on social media so that they stay up to date about deals.

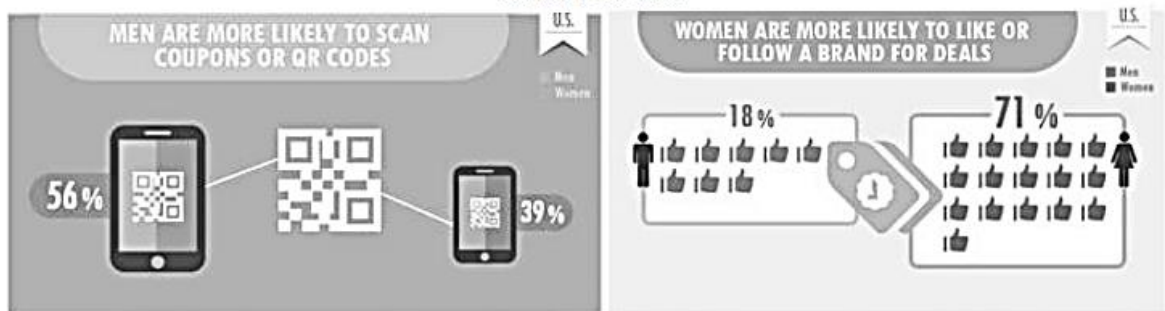
Take a look at the infographic below for more details on how men and women see the mobile technology world differently.



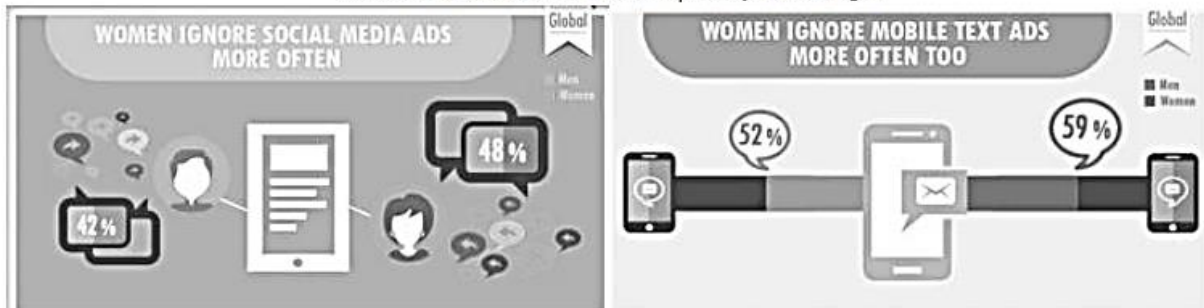
Source: Nelsen 2013



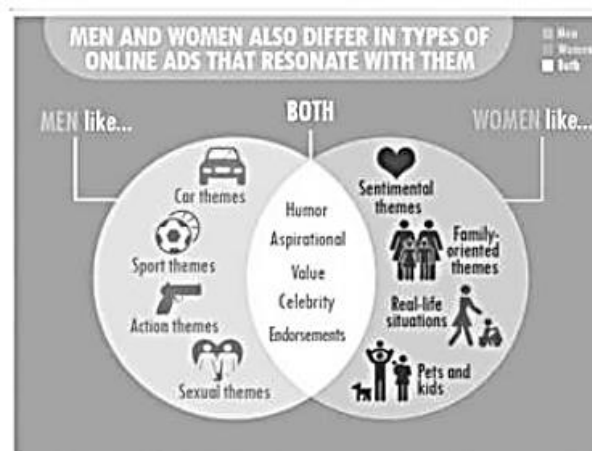
Source: Pew 2013



Source: 2014 Mobile Behavior Report by ExactTarget



Source: Nelsen 2013



Source: Nelsen 2013

51. According to the article, what do men usually use social media for?
- Photo uploading
 - For business reasons
 - Looking for IT gadgets
 - Finding information
52. According to the article, what are the most reason women use social media?
- Staying in touch with family and friends
 - Blogging and photo uploading/sharing
 - Seeing photos and video
 - How-to information
53. According to the article, which following statement is true?
- Men and women interact with digital promos in same ways.
 - The number of men and women preferring QR codes is the same.
 - Women are more likely to ignore social media and mobile text ads.
 - Men think staying up to date about deals is nonsense.
54. According to the article, which following statement is *not* true?
- The online ads that men like are based on their favourites.
 - Men like the online ads that are based on famous people.
 - Men and women prefer the online ads which make them laugh.
 - Women are interested in the online ads about automobiles.
55. What does 'hold water' mean (in paragraph 1, line 1)?
- is full of water
 - is the same as
 - is true
 - is wise
56. What can be replaced by 'compiled' (in paragraph 2, line 1)?
- analyzed
 - processed
 - displayed
 - gathered
57. What does 'they' (in paragraph 4, line 1) refer to?
- Different reasons
 - Men and women
 - Smartphones
 - Brands
58. According to the article, who is more unlikely to give attention to the advertisements?
- Men
 - Women
 - Both men and women
 - Neither men nor women
59. This article is mainly about _____.
- how men and women use social media and smartphone similarly.
 - the origin of the old adage 'Men are from Mars, women are from Venus.'
 - the different ways men and women use social media and smartphone.
 - what do men and women use smartphones and Facebook for.
60. Who might get the most benefit from reading this article?
- Customers
 - Business owners
 - Computer users
 - Men and women

Part 4: Writing

* Use the answer sheet page 2 to write the answers.

Answer sheet

Name _____ Student ID. _____ Section: 130 _____

Mark (X) the correct answer here.

No.	a	b	c	d	No.	a	b	c	d	No.	a	b	c	d
1					21		For items 21-30, write the letter (a-n) in the box.			41				
2					22					42				
3					23					43				
4					24					44				
5					25					45				
6					26					46				
7					27					47				
8					28					48				
9					29					49				
10					30					50				
11					31					51				
12					32					52				
13					33					53				
14					34					54				
15					35					55				
16					36					56				
17					37					57				
18					38					58				
19					39					59				
20					40					60				

Part 4: Writing

4A: Questions

Read the questions carefully. To answer the questions, you must write clear and complete sentences. (20 points)

61. What are positive and negative impacts of computers on people's lives? (4 points)

Write 2 positive impacts and 2 negative impacts.

62. How hardware and software of computer different? (4 points)

Explain 2 differences between hardware and software parts of computer.

63. What are advantages and disadvantages of desktop PCs? (4 points)

Explain 2 advantages and 2 disadvantages of desktop PCs.

64. What are input and output devices? (4 points)

Explain the function of input devices and the function of output devices. Also include 2 examples of input and 2 examples of output devices.

65. What should we consider before buying a computer? (4 points)

Write 4 things we should consider before buying a computer.

The end of the test

Post-test

Directions:

1. This test consists of 4 main sections: vocabulary, language work, reading, and writing.
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Part 1: Vocabulary

1A: Acronyms and Abbreviations (10 points)

Choose the correct answer to complete each of the acronyms and abbreviations.

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a. Goal b. Global c. Gravity d. Grove
2. PC stands for _____ Computer.
a. Person b. Personal c. Personnel d. Portable
3. LCD stands for Liquid _____ Display.
a. Crispy b. Carbon c. Compact d. Crystal
4. USB stands for Universal Serial _____.
a. Bot b. Bit c. Bus d. Byte
5. RAM stands for Random _____ Memory.
a. Assess b. Accede c. Asset d. Access
6. CPU stands for Central _____ Unit.
a. Processing b. Professing c. Progressing d. Proceeding
7. ALU stands for _____ Logic Unit.
a. Arithmetic b. Algorithm c. Artistic d. Algebra
8. DVD stands for Digital Video / _____ Disc.
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9. BD stands for _____ – ray Disc.
a. Boo b. Bro c. Blu d. Blue
10. OS stands for _____ System.
a. Operator b. Operating c. Operation d. Operative

1B Definitions (10 points)

Choose the best word to complete each definition of the words.

11. _____ is the total amount of data a disk/disc can be contained.
a. Capacity b. Opacity c. Ability d. Gravity
12. Expansion slots are connectors that allow the user to install expansion _____.
a. cables b. boards c. cards d. chips
13. _____ are the units attached to the computer as follows: I/O and storage devices.
a. Input devices b. Buses c. Output devices d. Peripherals
14. A _____ is a computer screen or device with a screen on which words or pictures can be shown.
a. presenter b. monitor c. projector d. digitalizer
15. A motherboard, or called mainboard, is the main _____ board of a computer.
a. circus b. citrus c. circuit d. circular

16. _____ are devices that read and write data on disks.
 a. Drives b. Monitors c. Computers d. Printers
17. Resolution is the maximum number of _____ in the horizontal and vertical directions of the screen.
 a. palettes b. pixels c. pits d. pickers
18. A computer is an electronic _____ which accepts and processes data, and gives the results in a specified format as information.
 a. machine b. equipment c. appliance d. tool
19. _____ is the section which holds the instructions and data currently being processed.
 a. Main memory b. CPU c. Software d. Hardware
20. A port is a _____ in the rear panel of the computer in which you can plug USB drives.
 a. pocket b. rocket c. locket d. socket

Part 2: Language work

2A: Collocations (10 points)

Match each word on the left (1-10) with its partner on the right (a-n) to make a meaningful pair or group of words.

Each word on the right can be used once. Item 0 is done for you as the example.

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35. The processor is built into a single chip, that executes program instructions.
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36. The mobile phone is the device whose people use to communicate with each other.

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37. Good afternoon. Do you need any helps?

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38. A computer system consisting of two parts: hardware and software.

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39. ROM is used for hold instructions needed to start up the computer.

a b c d


40. Peripherals are divided within three categories: input, output and storage devices.

a b c d

Part 3: Reading

3A: Advertisement

Read the advertisement and choose the correct answer. (10 points)



Dell OptiPlex 9020 All-in-One

- 4th Gen Intel® Core™ Processor i5-4570S (Quad Core, 2.90GHz Turbo, 6MB, w/ HD Graphics 4600)
- Windows 8 Professional, 64-bit, English
- 4GB² DDR3L at 1600MHz
- 500GB 3.5inch SATA (7.200 Rpm) Hard Drive
- 23" edge-to-edge Multi-Touch Display
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- 3 Year Basic Hardware Service with 3 Year NBD Onsite Service after Remote Diagnosis
- McAfee® LiveSafe 30 days trial

Recommended Accessories Keyboards: Dell Multimedia Pro Keyboard, Dell Wireless Keyboard
 Mouse: Dell Laser Mouse, Dell Wireless Mouse

Source: <http://www.dell.com>

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a. Notebook PC b. Desktop PC c. Tablet PC d. Laptop

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43. What is the memory size of this PC?

a. 500 GB b. 3.5 inches c. 4GB² d. 7.200 Rpm

44. What size is the display screen?

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45. Which operating system does it use?

a. Windows Vista b. Windows XP c. Windows 7 d. Windows 8

46. Based on the advertisement, _____ allows the users to interact with this computer.

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47. What is a technical specification of the brain of this computer?

a. All-in-one b. Octa Core c. i5-4570S d. DDR3L

48. The word 'trial' means _____.

a. try to use a product b. try using a service c. try and get free service d. try before you buy

49. Which feature is *not* mentioned in the advertisement?
- Processing chip's manufacturer
 - Warranty of hardware service
 - OS used to control the system
 - Case containing the computer system
50. Based on the advertisement, which statement is true?
- This computer is going to be launched in the market next month.
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3B News article

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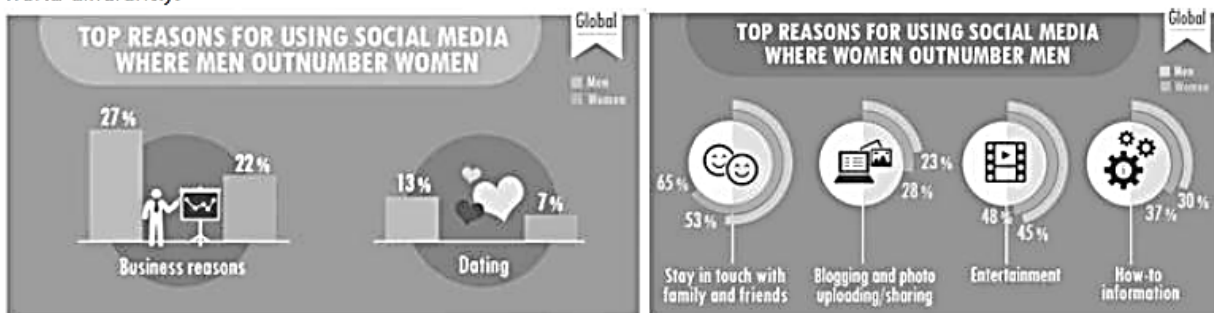
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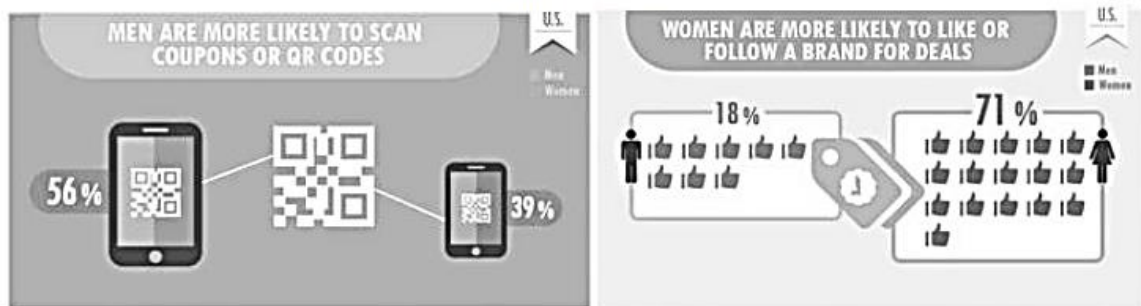
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Source: Nelsen 2013



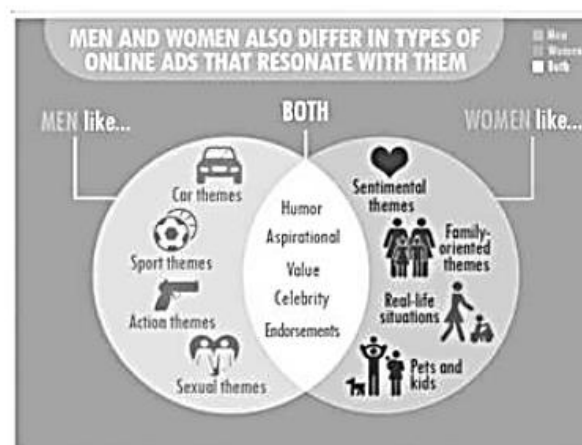
Source: Pew 2013



Source: 2014 Mobile Behavior Report by ExactTarget



Source: Nelsen 2013



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51. According to the article, what are the most reason women use social media?
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 a. Men b. Women
 c. Both men and women c. Neither men nor women
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 a. Customers b. Business owners
 c. Computer users d. Men and women

Part 4: Writing

* Use the answer sheet page 2 to write the answers.

Answer sheet

Name _____ Student ID. _____ Section: 130 _____

Mark (X) the correct answer here.

No.	a	b	c	d	No.	a	b	c	d	No.	a	b	c	d
1					21					41				
2					22					42				
3					23					43				
4					24					44				
5					25					45				
6					26					46				
7					27					47				
8					28					48				
9					29					49				
10					30					50				
11					31					51				
12					32					52				
13					33					53				
14					34					54				
15					35					55				
16					36					56				
17					37					57				
18					38					58				
19					39					59				
20					40					60				

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