

Cambridge University Press

978-1-107-64740-4 - Click Start 2: Computer Science for Schools: Teacher's Manual:
Second Edition

Ayesha Soldier

Excerpt

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Answer Key

Chapter 1: Know Your Computer

Exercise

A. Fill in the blanks with the correct word.

- | | | |
|---------------|---------------|---------------|
| 1. Electronic | 2. Storage | 3. Microphone |
| 4. Data | 5. Processing | |

B. Look at the pictures carefully. A letter is missing in the word given below each picture. Fill in the missing letters.

- | | | | |
|------|------|------|------|
| 1. A | 2. R | 3. C | 4. I |
|------|------|------|------|

C. Match the names with the pictures.

- | | | |
|------|------|------|
| 1. e | 2. f | 3. a |
| 4. c | 5. b | 6. d |

D. The clue given in each balloon has a partner. Match the pairs and color them alike.

Microphone – Record a speech

Joystick – Play a game

Monitor – See what you wrote

Speakers – Listen to a song

Chapter 2: Working with Windows

Exercise

A. Fill in the blanks with the correct word.

- | | | |
|--------------|-----------|------------|
| 1. Operating | 2. Start | 3. Desktop |
| 4. Icons | 5. Bottom | 6. Taskbar |

B. Read the sentences given below carefully. Color the circle green for the correct sentence. Color the circle red for the sentence that is incorrect.

- | | | |
|----------------|--------------|----------------|
| 1. green color | 2. red color | 3. green color |
| 4. green color | 5. red color | 6. red color |

C. Rewrite the jumbled words.

- | | | |
|---------------------|-----------------|------------|
| 1. ICON | 2. DESKTOP | 3. WINDOWS |
| 4. OPERATING SYSTEM | 5. DOUBLE-CLICK | |

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D. Match the names with the given pictures.

1. b 2. d 3. a 4. c

Chapter 3: Applications of a Computer**Exercise**

A. Fill in the blanks with the correct word.

1. Speed 2. Electricity 3. Feelings
4. Decisions 5. Desktop

B. Look at the pictures carefully. A letter is missing in the word given below each picture. Fill in the missing letters.

1. T 2. O 3. L 4. A

C. Read the sentences given below carefully. Color the circle green for the correct sentence. Color the circle red for the sentence that is incorrect.

1. red color 2. red color 3. red color
4. red color 5. green color 6. green color

D. Rewrite the jumbled words.

1. LAPTOP 2. PALMTOP 3. HUMANS
4. DESKTOP 5. COMPUTER

Chapter 4: The Keyboard and the Mouse**Exercise**

A. Fill in the blanks with the correct option.

1. # 2. Single 3. Tab
4. Double 5. ! 6. Right

B. Rewrite the jumbled words.

1. CLICK 2. MOUSE 3. ENTER
4. SHIFT 5. RIGHT

C. Match the following.

1. b 2. a 3. d
4. f 5. c 6. e

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D. Tick (✓) the correct answer from the choices given for each action of the mouse.

1. Select 2. Open 3. Display

Chapter 5: Fun with Paint

Exercise

A. Fill in the blanks with the correct word.

1. Paint 2. Drawing 3. Colors palette
4. Rectangle 5. Oval

B. Read the sentences given below carefully. Color the circle green for the correct sentence. Color the circle red for the sentence that is incorrect.

1. green color 2. green color 3. red color
4. red color 5. green color 6. green color

C. Label the following picture.

1. Pencil tool 2. Fill with color tool 3. Text tool
4. Brushes 5. Line tool 6. Oval tool
7. Rectangle tool 8. Eraser tool 9. Color picker tool
10. Magnifier tool 11. Colors palette

D. Find the following words in the word grid given below.

Q	U	S	H	A	P	E	S	K
W	Y	T	C	X	V	B	N	M
E	R	T	Z	A	S	D	F	G
S	I	O	P	L	K	J	H	P
A	H	O	M	E	T	A	B	A
V	T	L	K	H	G	E	R	I
E	Y	S	D	F	O	P	E	N
T	O	O	L	S	T	R	W	T
K	H	A	C	O	L	O	R	S

- E. 1. c 2. d 3. e 4. a
5. g 6. h 7. b 8. f

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Chapter 6: Introduction to MS Word

Exercise

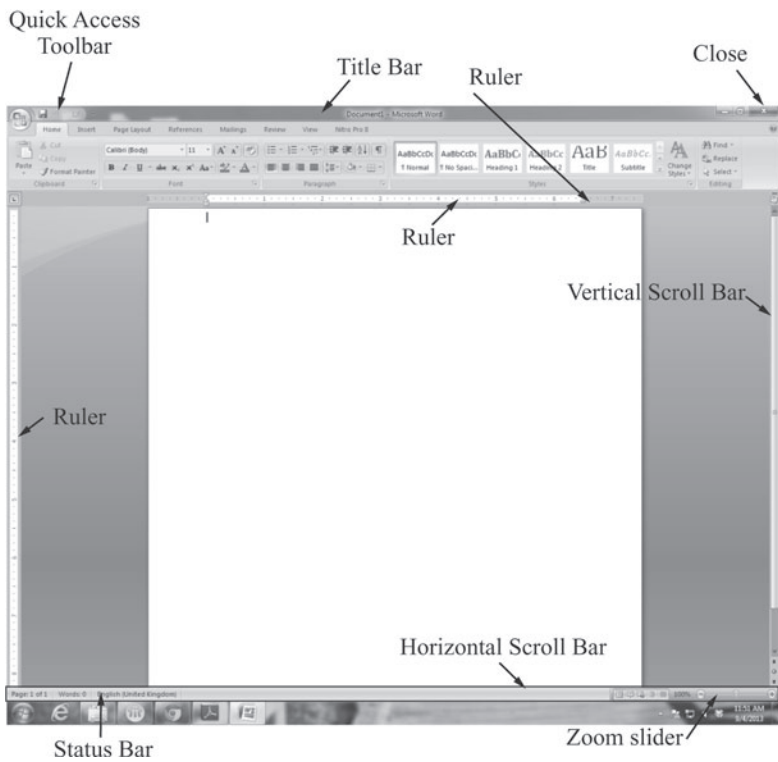
A. Fill in the blanks with the correct word.

- | | | |
|---------------|------------------|---------|
| 1. Horizontal | 2. Office Button | 3. Save |
| 4. Documents | 5. All Programs | |

B. Read the sentences given below carefully. Color the circle green for the correct sentence. Color the circle red for the sentence that is incorrect.

- | | | |
|--------------|----------------|----------------|
| 1. red color | 2. green color | 3. red color |
| 4. red color | 5. red color | 6. green color |

C. Match the names with various parts of the picture.



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D. Answer the following questions.

1. Cursor is the blinking vertical line in the Work Area.
2. Work Area is the area in the document window where we type the text.
3. Click on the Close button at the top right corner of the Title Bar to close the file.
4. Status Bar displays information about the cursor position, page number, column number and the line number.
5. The Office Button drop-down list has options like Open, Save, Save As, Print, etc.

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Project Idea

Chapter 1: Know Your Computer

- Ask the children to draw and label different parts of a computer that they have studied in this chapter.
- Ask the children to make a project on input and output devices.

Chapter 2: Working with Windows

- Ask the children to open different applications using the Start button and then close them.
- Ask the children to practice opening an application using all the methods taught in the class.

Chapter 3: Applications of a Computer

- You can ask the students to play the role of computers and humans and have a discussion on the difference between the two.
- You can ask the students to prepare a list of places where computers are used and how they are used. Ask them to use pictures and labels.

Chapter 4: The Keyboard and the Mouse

- Ask the children to create a project on different types of keys on the keyboard and their purposes.
- Ask the children to make a report on functions of a mouse.

Chapter 5: Fun with Paint

In this chapter, class work projects can be discussed about, after which the students are asked to draw a scene on them in Paint using different tools.

For example:

- (a) A rainy day
- (b) A sunset

Chapter 6: Introduction to MS Word 2007

Have a class discussion on any topic. After the discussion ask the students to write a few lines on it in a Word 2007 document.

For example:

- (a) A day at school
- (b) My hobbies

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IT Personality



Charles Babbage

Charles Babbage was born on 26 December, 1791 in London, England. Babbage is known as the father of computers as he was the first person to come up with the idea of a programmable computer.

He invented *Difference Engine* and *Analytical Engine*.

In those days, there were high error rates with the calculations related to Math Table. So he went about inventing such a mechanical system that could eliminate those human errors. In 1821, he came up with a mechanical device which could calculate logarithmic calculations automatically. This mechanical device was the *Difference Engine*. It was large in size and very complicated.

After the invention of *Difference Engine*, Babbage engaged himself in another invention – *Analytical Engine*. This was also a mechanical device but it was made programmable to make different calculations.



In 1824, Babbage was accoladed with the Gold Medal of the Royal Astronomical Society 'for his invention of an engine for calculating mathematical and astronomical tables'.

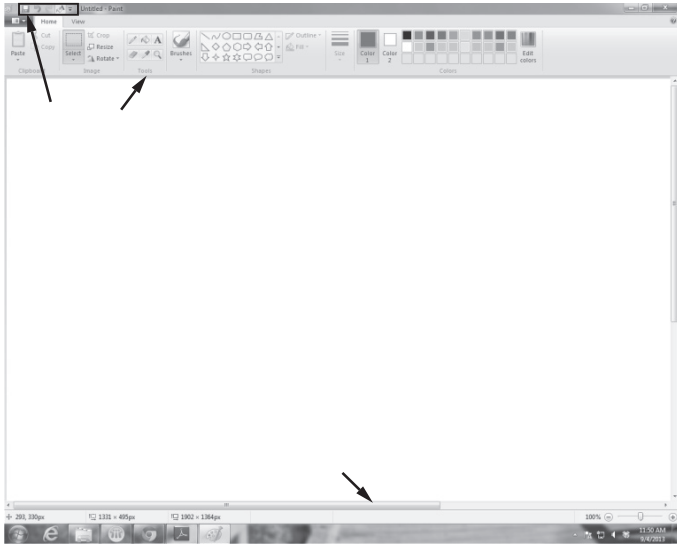
Sample Test Paper 1

Section A

1. Fill in the blanks.

Ribbon	12	Mistakes	Operating	Input
--------	----	----------	-----------	-------

- (a) Devices that help us put data into the computer are called devices.
 - (b) Windows is an system.
 - (c) There are Function keys on a keyboard.
 - (d) A computer never makes but humans sometimes do.
 - (e) In Paint, the contains tools that help us make pictures.
2. Label the following.



3. Answer the following.
- (a) What is a computer?

 - (b) Name three types of computers.

(c) Define storage devices.

.....
.....

(d) What is the 'Eraser tool' used for?






.....
.....

(e) What does the 'Ribbon' contain?

.....
.....

Section B

1. Match the following:

- | | |
|---|-----------------|
| (a)  | (i) Microphone |
| (b)  | (ii) Web Camera |
| (c)  | (iii) Joystick |
| (d)  | (iv) Tablet |
| (e)  | (v) Scanner |

2. Fill in the missing letters.

- (a) I PUT EVI E
- (b) P
- (c) SP C B R

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(d) S RO L WH L

(e) S RT B TT N

5. Put a (✓) against the correct statement and a (✗) against the incorrect statement.

(a) A keyboard is an output device.

(b) A computer needs electricity to work.

(c) You use  to erase.

(d) The Text tool is used to draw circles in Paint.

(e) Do not play with any wire near the computer.

Section C

1. Find the following words.

Mouse Scroll Bar Number key Colors Desktop

M	O	U	S	E	O	X	D	L	C
N	U	M	B	E	R	K	E	Y	D
O	G	C	P	M	I	M	U	A	E
S	C	R	O	L	L	A	T	C	S
N	Q	S	P	C	A	K	H	H	K
T	U	P	R	H	N	T	I	I	T
L	M	O	C	L	I	C	K	N	O
S	C	R	O	L	L	B	A	R	P