

Example Items

Technology Applications

Technology Applications Example Items are a **representative set** of items for the ACP. Teachers may use this set of items along with the test blueprint as guides to prepare students for the ACP. On the last page, the correct answer, content SE and SE justification are listed for each item.

*The specific part of an SE that an Example Item measures is **NOT** necessarily the only part of the SE that is assessed on the ACP.* None of these Example Items will appear on the ACP.

Teachers may provide feedback regarding Example Items.

(1) Download the [Example Feedback Form](#) and email it. The form is located on the homepage of the [Assessment website](https://assessment.dallasisd.org): <https://assessment.dallasisd.org>.

OR

(2) To submit directly, click “Example Feedback – online form” **after** you click the Example Items link under ACP Resources on the ACP tab on the [Assessment website](#).

Second Semester
2020–2021
Code #: 6070

EXAMPLE ITEMS Technology Applications, Sem 2

1

A student is inserting the image shown into a project.



Which citation is a standard Modern Language Association (MLA) citation for this image?

- A McNeill, Jeff R. *Prajnaparamita Java*. Fotopedia, 2009, www.fotopedia.com/items/flickr-3249465805. Accessed 15 Aug. 2012.
- B Image created by Jeff McNeill. Found at <http://www.fotopedia.com/items/flickr-3249465805> on August 15, 2012.
- C 2012 Google search term: *Fotopedia* <http://www.google.com> Jeff McNeill 2012
- D <http://www.fotopedia.com/items/flickr-3249465805>

2

A Texas Studies class wants to create a presentation to send to their pen pals, a class in Japan, showing the culture of a Texas classroom. What is the best presentation for the class to make?

- A An audio message with students introducing themselves
- B A self-running slideshow with photos from the class
- C A video of students in the class giving a tour of the classroom
- D A link to the class blog about this year's classroom assignments

EXAMPLE ITEMS Technology Applications, Sem 2

- 3** Lilly finished her English essay using a word processor on her home computer. She uploaded it to her online account so she had access to the file from school. When Lilly opened the file from the school computer, she got a message that the file could not be opened. What is most likely the problem?
- A** The program Lilly used to upload her file is not compatible with the school computer.
 - B** The version of the word processor on the school computer is newer than the version on Lilly's home computer.
 - C** The school does not allow documents from home computers to be opened on school computers.
 - D** The version of the word processor on Lilly's home computer is newer than the version on the school computer.
- 4** After collecting data from all the students in the school on foods they want served in the cafeteria, what is the most concise way to publish the results of that survey?
- A** A chart of the ten most popular food suggestions mentioned in the survey
 - B** A spreadsheet of all the food suggestions mentioned in the survey
 - C** A table of the nutritional value of the food already served in the cafeteria
 - D** A video of student interviews concerning the cafeteria
- 5** Brittney walks into her computer class after a long weekend and notices the floors have been waxed. However, when her computer powers on, she is unable to access the network. Brittney asks her teacher for help. To fix this issue, the first thing Brittney's teacher does is —
- A** confirm that the surge protector is turned on
 - B** determine whether the Ethernet cable is plugged in
 - C** restart her computer
 - D** request a new password
- 6** To use a graphic without violating copyright laws, a student must —
- A** tell the teacher
 - B** copy and paste
 - C** save the graphic
 - D** cite its source

EXAMPLE ITEMS Technology Applications, Sem 2

- 7** Which format is best to present a unit on reptiles to a class of first graders?
- A** A chart of all the various types and numbers of snakes
 - B** A spreadsheet of the various types of reptiles
 - C** A multimedia presentation with pictures of a few types of reptiles
 - D** A table of the various types of poisonous snakes
- 8** Gabriel is creating an online account. He is concerned about sharing his private identity information. Which information is best for Gabriel to exclude from his account?
- A** His social security number
 - B** His dog's name and breed
 - C** His first name or nickname
 - D** His favorite athlete's jersey number
- 9** What is an example of an audio file extension?
- A** .xls
 - B** .jpg
 - C** .wav
 - D** .doc
- 10** Which website is likely to be most helpful for researching all the U.S. states?
- A** 50states@america.net
 - B** www.ushistory.com
 - C** world-factbook.net
 - D** www.50states.com
- 11** To view a previously selected web page, click on the —
- A** Search button
 - B** Refresh button
 - C** Back button
 - D** Edit button

EXAMPLE ITEMS Technology Applications, Sem 2

12 Paige fell at the skating rink and was really embarrassed. Her friend recorded the fall on her cell phone and posted it online for others to see. Several people added negative comments to the online video. This activity is considered —

- A** hacking
- B** cyberbullying
- C** spamming
- D** flaming

13 When researching Tony Romo, which search phrase will be the most helpful?

- A** "Tony Romo"
- B** Tony+Romo
- C** Tony or Romo
- D** Tony&Romo

14 Anti-malware programs are used to monitor emails and detect —

- A** messages
- B** photographs
- C** videos
- D** viruses

15 Which statement shows a way the Internet has changed from the 1990s to the present?

- A** It is now easier to write a personal letter.
- B** It is now easier to research almost any topic.
- C** Now there are fewer published websites.
- D** Now there are fewer Internet-related jobs.

16 Saving information from the Internet onto a computer is called —

- A** uploading
- B** downloading
- C** distributing
- D** copying

EXAMPLE ITEMS Technology Applications, Sem 2

- 17** Purposefully using infected software on a flash drive to make an entire network crash is an example of —
- A** Acceptable Use Policy (AUP) violation
 - B** intentionally spreading piracy
 - C** networking etiquette
 - D** troubleshooting techniques
- 18** In its simplest form, text editing means —
- A** inputting and outputting text
 - B** replacing, inserting, or deleting text
 - C** using a text graphical user interface
 - D** printing a text document
- 19** Tanya has to present data about her science fair project to a group of judges at the national level. The presentation includes charts, research information, and digital pictures of her project. What best supports her presentation?
- A** Word processor
 - B** Spreadsheet
 - C** Database
 - D** Multimedia slideshow
- 20** What is used to create an interactive, non-linear presentation?
- A** Hyperlinks
 - B** Automatic transitions
 - C** Design themes
 - D** Animation themes
- 21** Which statement about spreadsheet formulas and functions is true?
- A** They contain only cell references, not numbers.
 - B** They always begin with an equal sign.
 - C** They must be manually updated if other cells in the spreadsheet change.
 - D** They will result in an error if they do not contain parentheses.

EXAMPLE ITEMS Technology Applications, Sem 2



Use the image to answer the next question.

Mountains and Basins

By Javonte Thomas



El Capitan. Photo by Geoffrey J. King, 12 March 2005. Aug. 15, 2012

The Trans-Pecos Natural Region has less than 12 inches (300 mm) annual rainfall. The most complex Natural Region, it includes Sand Hills, the Stockton Plateau, desert valleys, wooded mountain slopes and desert grasslands. The Basin and Range Province is in extreme western Texas, west of the Pecos River beginning with the Davis Mountains on the east and the Rio Grande to its west and south. The Trans-Pecos region is the only part of Texas regarded as mountainous and includes seven named peaks in elevation greater than 8,000 feet (2,400 m). This region includes sand hills, desert valleys, wooded mountain slopes and desert grasslands.^[14] The vegetation diversity includes at least 268 grass species and 447 species of woody plants.^[14] National Parks include the Amistad National Recreation Area, Big Bend National Park, Chisos Mountains National Monument, Fort Davis National Historic Site, Guadalupe Mountains National Park, and the Rio Grande Wild and Scenic River.^[14] This area is part of the Chihuahuan Desert.

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desert grasslands. The Basin and Range Province is in extreme western Texas, west of the Pecos River beginning with the Davis Mountains on the east and the Rio Grande to its west and south.

22

The text alignment for the body of this article is —

- A justified
- B center
- C left
- D right

23

Which type of software is most commonly used to solve equations and compute functions such as **SUM** and **AVERAGE**?

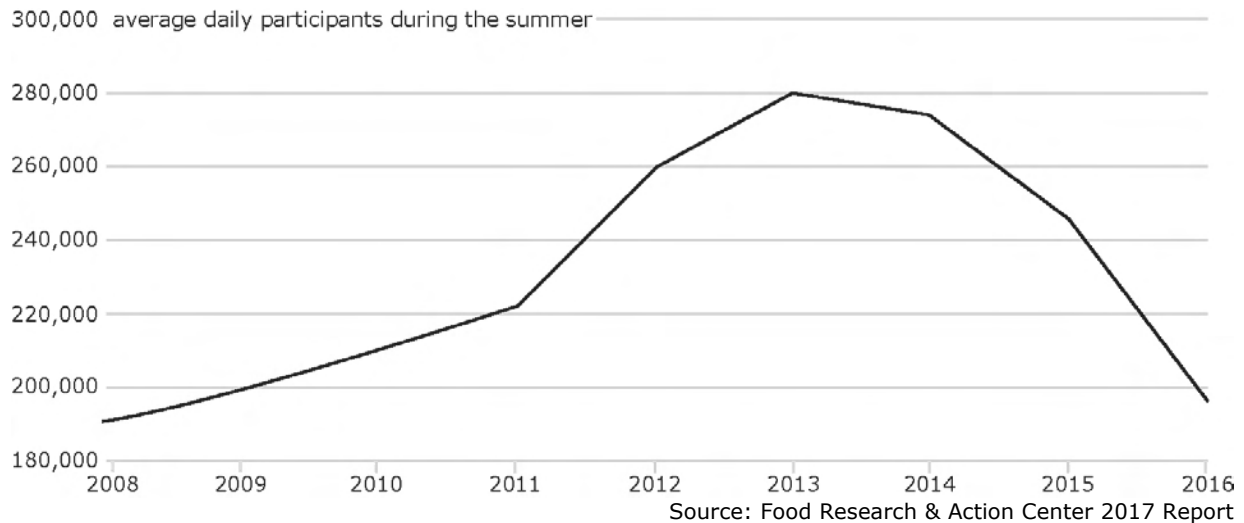
- A Database
- B Word processor
- C Spreadsheet
- D Calculator

EXAMPLE ITEMS Technology Applications, Sem 2



Use the graph to answer the next question.

Number of Students Receiving Free or Reduced-price Lunches During Summer Months



24

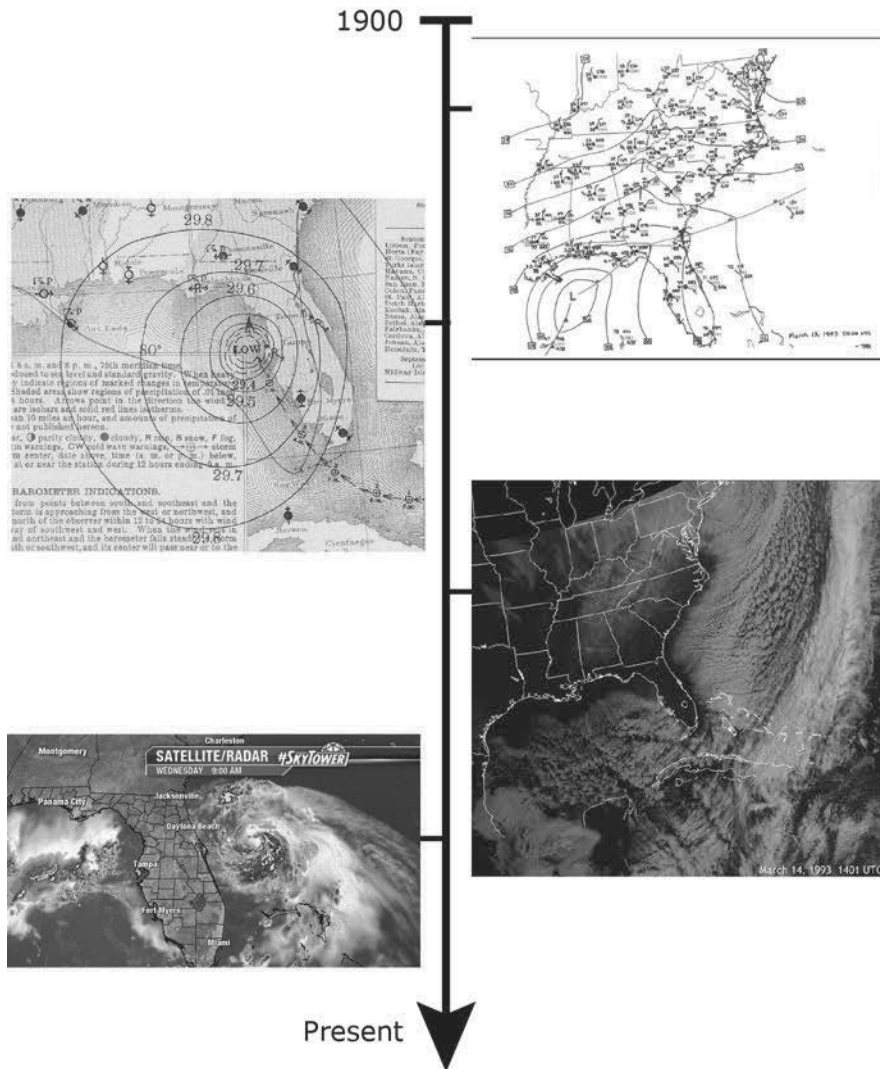
Which statement is supported by the data in the graph?

- A** More students received free or reduced-price lunches in the summer of 2016 than in the summer of 2009.
- B** The number of students receiving free or reduced-price lunches increased faster between 2009 and 2011 than it did between 2011 and 2013.
- C** More students received free or reduced-price lunches in the summer of 2015 than in the summer of 2012.
- D** The number of students receiving free or reduced-price lunches decreased every year since 2013.

EXAMPLE ITEMS Technology Applications, Sem 2



Use the image to answer the next question.



25 According to the image, how have weather information displays changed from the early 1900s to the present?

- A** Present weather displays show less detailed information than they did formerly.
- B** Former weather displays were detailed drawings, which only educated people understood.
- C** Present weather displays are digital images with real-time weather patterns.
- D** Former weather displays required many hours to prepare, while present displays are satellite images.

EXAMPLE ITEMS Technology Applications Key, Sem 2

Item#	Key	SE	SE Justification
1	A	5B	Practice...standard methods for citing sources.
2	C	2B	Communicate effectively with multiple audiences using a variety of media....
3	D	4A	Identify...relevant problems....
4	A	4E	Make informed decisions....
5	B	6F	Understand troubleshooting techniques such as...verifying network connectivity....
6	D	5A	...Practice copyright principles....
7	C	3D	...Communicate results.
8	A	5C	Practice...personal security guidelines....
9	C	1A	Identify... files in various formats such as...audio files.
10	D	3C	Select...various types of digital resources for...validity.
11	C	6A	...Use current technology terminology appropriately.
12	B	5D	Understand the negative impact of inappropriate technology use, including online bullying....
13	A	3B	Use...various search strategies, including...Boolean operators.
14	D	5C	Explain...personal security guidelines....
15	B	6H	Explain how changes in technology throughout history have impacted various areas of study.
16	B	6A	Define...current technology terminology appropriately.
17	A	5D	Understand the negative impact of inappropriate technology use, including...intentional virus setting....
18	B	6A	Define...current technology terminology appropriately.
19	D	6D	Understand...software applications, including selecting...software for a defined task.
20	A	6M	...Create non-linear media projects using graphic design principles.
21	B	6Lii	Create...files with productivity tools, including: (ii) a spreadsheet workbook using advanced computational...components such as...basic functions....
22	C	6Li,iv	...Edit files with productivity tools, including: (i) a word processing document using digital typography standards such as...paragraph formatting....
23	C	6D	Understand...software applications, including selecting...software for a defined task.
24	D	4C	Collect and analyze data to...make informed decisions.
25	C	1D	Discuss trends....