

Praxis I Practice Tests

[Praxis I Reading Tips](#)

Praxis I: Pre-Professional Skills Test (PPST) - Reading Test

Time - 60 minutes

40 Questions

Questions 1-3:

(5)	About 17 million children and adults in the United States suffer from asthma, a condition that makes it hard to breathe. Today it is a problem that is treatable with modern medicine. In days gone by, there were many different superstitions about how to cure asthma. Some people thought that eating crickets with a little wine would help. Eating raw cat's meat might be the cure. Another idea was to try gathering some spiders' webs, rolling them into a ball, and then swallowing them. People also thought that if you ate a diet of only boiled carrots for two weeks, your asthma might go away. This carrot diet may have done some good for asthma patients since vitamin A in carrots is good for the lungs.
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1. Which of the following would be a good title for the passage?

- A) Asthma in the United States
- B) Methods of treating asthma
- C) Old wives' tales
- D) Superstitions about asthma
- E) Carrot diets

2. The fact that 17 million children and adults in the United States suffer from asthma is probably the opening sentence of the passage because:

- A) It explains why people in times gone by might have found a need to try homemade cures.
- B) It creates a contrast between today and the past.
- C) It lets the reader know that many people have asthma.
- D) It is a warning that anyone could get asthma.
- E) Asthma makes it hard to breathe.

3. The main purpose of the passage is to:

- A) Describe herbal remedies
- B) Explain some of the measures for treating asthma from long ago
- C) Define superstitions
- D) Extol the virtues of modern medicine
- E) Explain why asthma came about

Questions 4-5:

(5)	<p>In the 1930's, Buffalo Point became a public park. Since that time, the area has been flooded many times in such a way that the landscape was changed. There is a boat landing on the Buffalo River which periodically changes due to high water moving gravel either on or off of the land, and as people go there for recreational purposes they may see changes annually. The boat landing is next to Painted Bluff, so called because it is splashed with shades of brown and gray. The top half of Painted Bluff is St. Peter Sandstone, while the bottom is dolomite. Painted Bluff towers up to 320 feet over the river, but the majority of the bluff cannot be seen due to plant life that grows over approximately the 70-foot mark.</p>
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4. According to the passage, which of the following is true?

- A) You cannot know what Buffalo Point will look like from year to year.
- B) You cannot know what Painted Bluff will look like from year to year.
- C) High water takes gravel away from the boat landing every year.

- D) Painted Bluff is formed from dolomite.
- E) Painted Bluff goes up around 70 feet over the Buffalo River.

5. What is the main purpose of this passage?

- A) To describe Painted Bluff
- B) To explain why the boat landing is unsafe.
- C) To describe Buffalo Point
- D) To point out that Buffalo Point is a public recreational area
- E) To discuss public parks from the 1930's.

6.

Animals can smell ozone level differences and feel a difference in atmospheric pressure, humidity and temperature. When they sense these changes, they know to find a safe place when a storm is coming. Animals also have sensitive ears which may alert them to certain weather circumstances.

Which of the following would be a supporting detail which could add depth to the passage above?

- A) Many large turtles were found dead in Indonesia after a disastrous tsunami. They were lost in the debris.
- B) The Morning Glory flower will indicate nice weather with open blossoms. When the weather turns, the flowers close up.
- C) Many dogs shake and shiver during a thunderstorm. Canines are also able to smell fear.
- D) Around the time that an underwater earthquake occurred, elephants on nearby land began trumpeting and acting strangely. A few hours later, a tsunami hit the land.
- E) Thirty giant pandas were born in one year at a zoo in Japan. The zoo broke records since it is rare for pandas in captivity to give birth.

7. Toni Morrison, whose name was originally Chloe Anthony Wofford, is a writer of great distinction who has won many awards, one of which was the Pulitzer Prize in

1988. From her very first novel, *The Bluest Eye*, the writer has portrayed the struggles of black people, and especially black women, in America. Her writing is multifaceted and profound with the distinctive African-American culture as the backbone. Morrison's novels are literary epics with strong, descriptive dialogue and black characters with powerful depth.

This passage describes Toni Morrison's writing as all of the following EXCEPT:

- A) multifaceted
- B) award-winning
- C) profound
- D) cultural
- E) struggling

Questions 8-9

(5)	During the last 100 years of medical science, the drugs that have been developed have altered the way people live all over the world. Over-the-counter and prescription drugs are now the key for dealing with diseases, bodily harm, and medical issues. Drugs like these are used to add longevity and quality to people's lives. But not all drugs are healthy for every person. A drug does not necessarily have to be illegal to be abused or misused. Some
(10)	ways that drugs are misused include taking more or less of the drug than is needed, using a drug that is meant for another person, taking a drug for longer than needed, taking two or more drugs at a time, or using a drug for a reason that has nothing to do with being healthy. Thousands of people die from drug misuse or abuse every year in the United States.

8. According to the passage, which of the following is an example of misusing a drug?

- A) taking more of a prescription drug than the doctor ordered
- B) taking an antibiotic to kill harmful bacteria

- C) experiencing a side effect from an over-the-counter drug
- D) throwing away a medication that has passed the expiration date
- E) not using a childproof lid

9. According to the passage, which of the following is not true?

- A) over-the-counter drugs are used for medical issues
- B) every year, thousands of people in the United States die due to using drugs the wrong way
- C) medical science has come a long way in the last century
- D) all drugs add longevity to a person's life
- E) legal drugs are sometimes abused

10. In 1932, President Franklin D. Roosevelt said, "I pledge you, I pledge myself, to a new deal for the American people." This was in reference to the extraordinary government initiatives that occurred from 1933 to 1939. The new reforms were intended to help people who had suffered from the depression, give people assurance of having just minimal standards of living, provide economic stability for people and to generate jobs and profitability.

Which of the following was not a reason for Roosevelt's New Deal?

- A) creating economic stability
- B) aiding those who were struggling due to the economy
- C) allowing people to gain a better standard of living
- D) creating jobs
- E) pledging to make a government initiative

11. Two governors of Arkansas, Governor Futrell and Governor Bailey, were both men with strong ideas about what should be done to revitalize the state in a time of economic hardship. Their personal attitudes towards the New Deal were opposite, and those views affected the people of the state. Futrell's ideas were to cut spending as much as possible. He had no compassion for people who, in his view,

just needed to get a job. He thought giving them aid was unnecessary. Bailey came into office with a different attitude. He wanted to help people, and he understood that some people couldn't work. The population of Arkansas was greatly influenced by these two top leaders.

Which of the following facts is a similarity between the ideas of Governor Futrell and Governor Bailey?

- A) ideas about cutting spending
- B) ideas about wanting to help people
- C) ideas about how to revitalize the state
- D) not wanting to give people aid
- E) understanding and compassion

Questions 12-13

(5)	In 1954, the U.S. Supreme Court overturned the doctrine of "separate but equal" in the landmark case of <i>Brown v. Board of Education</i> . From that point on, segregation in schools was illegal. But the Civil Rights movement began long before that. The NAACP worked for decades in opposition to segregated schools and in favor of equality before <i>Brown v. Board of Education</i> occurred. Booker T. Washington was a strong African American (who had a white father) that had been born into slavery and grew up to become a dominant leader. He definitely wanted a better future for black people, but he thought blacks should work together and be non-confrontational. He did a lot to
(10)	progress working relationships between black and white people. Washington actually kept the NAACP from being developed in southern states, because he was staunchly in favor of people doing for themselves and not depending on others. After his death the organization popped up all over the south. When the <i>Brown v. Board of Education</i> decision happened, many white people were totally surprised. Not so in the African American community.

12. According to the passage, what happened in 1954?

- A) “separate but equal” was established
- B) the Supreme Court determined that “separate but equal” was legal
- C) “separate but equal” was overturned
- D) Booker T. Washington was born
- E) the Civil Rights movement was made illegal

13. How did many white people feel when the *Brown v. Board of Education* decision was reached?

- A) in favor
- B) staunch
- C) overturned
- D) dominant
- E) surprised

Questions 14-17

(5)	<p>In April 1917, the United States declared war on Germany. A considerable number of people were not certain that it was needed, and some were actually against it. The ones opposed were progressives, socialists, and regular nonmilitary people. Many who were against going to war were just regular people that didn’t want to be drafted or who were against the war due to religious reasons.</p>
(10)	<p>The Council of Defense worked at putting out propaganda. They put together a Committee of Patriotic Education who worked to dispense publications, arrange for speakers, and manage the corps of Arkansas Four Minute Men. The latter went around giving short speeches in theaters, schools and churches. The purpose of the speeches was to spin the war in a positive light by promoting war activities, such as war savings stamps campaign, liberty loan campaigns, and the Red Cross.</p> <p>All over the United States there was national hysteria about the war. People</p>

(15)	<p>became over-zealous with anti-German and anti-immigrant thoughts and actions. Here are some examples of the mob-mentality obsession:</p>
(20)	<ul style="list-style-type: none"> • The majority of schools no longer allowed German for foreign language immigration. • Sauerkraut’s new name was “liberty cabbage” • German measles had a new name – “liberty measles” • At the symphony, music composed by Germans was commonly not allowed. • A lot of German-Americans could not keep or find jobs and were shunned by community members.
(25)	<ul style="list-style-type: none"> • South Dakota banned German as a language to be used on the phone.
(30)	<p>The efforts at patriotism even went so far as to cause violence and “patriotic murder”. People who were opposed to the war or government were also targets, even if they were not German. People were afraid of insurrection and full of illogical hatred. The Espionage Act, Trading with the Enemy Act and Sedition Act are examples of the lengths people were going to in an effort to be patriotic.</p> <p>The climate of the times had been created by the war and the propaganda being spread so thoroughly throughout the country. It was very hard for a true conscientious objector to find a way through the mire of mob-mentality. The country was in a patriotic frenzy, and innocent people lost their rights to freedom and free speech because of it.</p>

14. Which of the following is not an example of mob-mentality as listed in the passage?

- A) re-naming the German measles
- B) allowing German music at the symphony
- C) German Americans being unable to find jobs
- D) not allowing the German language on the phone
- E) patriotic murder

15. Which of the following lists people who were opposed to war?
- A) progressives, socialists, and certain groups of religious people
 - B) progressives, socialists, and military
 - C) Council of Defense, South Dakota, mobs
 - D) mobs and schools
 - E) all people who were drafted
16. Which of the following is the best definition for *patriotic frenzy*?
- A) the loss of freedom and free speech
 - B) acting out patriotic murder
 - C) national hysteria about the war
 - D) moving really fast
 - E) hanging up a flag
17. What was one job that the Council of Defense worked to accomplish?
- A) spread propaganda
 - B) take away freedom of speech
 - C) defend the country
 - D) create national hysteria
 - E) make sure certain people were shunned

Questions 18-19

(5)	On April 30, 1803, the United States bought the Louisiana Territory from the French. Astounded and excited by the offer of a sale and all that it would mean, it took less than a month to hear the offer and determine to buy it for \$15 million. Right away the United States had more than twice the amount of land as before, giving the country more of a chance to become powerful. They had to move in military and governmental power in this region, but even as this
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was happening they had very little knowledge about the area. They did not even really know where the land boundaries were, nor did they have any how many people lived there. They needed to explore.

18. Based on the facts in the passage, what prediction could you make about the time immediately following the Louisiana Purchase?

- A) Explorers were already on the way to the region.
- B) The government wanted to become powerful.
- C) People in government would make sure explorers went to the region.
- D) Explorers would want to be paid for their work.
- E) Government workers would become explorers.

19. Why did the United States decide to buy the Louisiana Territory?

- A) They needed to expand the military.
- B) They wanted to find out the land boundaries.
- C) They wanted to know how many people lived there.
- D) They were astounded.
- E) They wanted to be more powerful.

20. For birdwatchers, Sanibel Island, FL is an ideal vacationing spot. Off the coast of St. Meyers, Florida, the island itself houses 174 species of birds, many of which reside in the J.N. "Ding" Darling Wildlife Refuge. Even though Sanibel Island itself is perfect for tourists as a beach vacation destination, more than half of it is actually permanently protected by conservation groups. If you plan to go, bring your binoculars along with your beach gear, and enjoy all that tropical birding has to offer.

Which of the following sentences would be a relevant detail to add to the paragraph above?

- A) The island has been affected by hurricanes in the past.

- B) Among others, the Bald Eagle and the Roseate Spoonbill are two of the spectacular types of birds making a home on the island.
- C) Sanibel Island may have been named by Juan Ponce de Leon.
- D) Former CIA Director Porter J. Goss calls Sanibel his home.
- E) The lighthouse on the island is a photographic must.

21. Forgery, burglary, robbery and larceny are similar crimes, but each has its own action that makes it slightly different from the others. Forgery is the intent to defraud another person by using some form of false writing or document, such as a bad check. Robbery occurs when one person takes something from someone else's person or property with the use of intimidation or aggression, such as at gunpoint. Burglary happens when a person breaks and enters for the purpose of stealing. Larceny is much like burglary, but the crime happens when someone enters an establishment by legal means and then takes something that does not belong to him.

How are forgery, burglary, robbery and larceny the same?

- A) they all have the intent to defraud
- B) they all involve breaking and entering
- C) they all have the purpose of aggression
- D) they are all illegal
- E) they are all about taking someone's money

Questions 22-23

(5)	<p>What outdoorsy, family adventure can you have on a hot, summer day? How about spelunking? If you live in an area that is anywhere near a guided, lit cave, find out the hours of operation and hit the road towards it as soon as you can. Hitch up the double jogging stroller and make your way out into the wilderness, preferably with a guide, and discover the wonders of the cool, dark earth even while it is sweltering hot in the outside world. It will be 58 degrees in that cave, and you can explore inside for as long as you please. Best part? The absolutely awesome naps that the kids will take after such an</p>
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(10)	<p>exciting adventure! Be sure to bring:</p> <ul style="list-style-type: none">• Bottled water• Light-up tennis shoes if you have them (they look fabulous in the dark)• Flashlights or glow sticks just for fun• Jackets• Changes of clothes in case of getting muddy and/or dirty
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22. Based on the information given, what is spelunking?

- A) going in a cave
- B) an outdoor adventure
- C) walking with a double stroller
- D) a hot, summer day
- E) a family trip

23. Given the style of writing for the passage, which of the following magazines would be the best fit for this article?

- A) *Scientific Spelunking*
- B) *Family Fun Days*
- C) *Technical Caving in America*
- D) *Mud Magazine*
- E) *Adventures for Men*

24. The Supreme Court case of *Marbury v. Madison* set up the Court's ability to review whether other government branches were acting within the constitution. In the case, Justice Marshall said the constitution is the law. He said that the Supreme Court had the responsibility to determine the law. Under Marshall, the Supreme Court also determined the ability to have Federal review of state acts. Marshall was able to make these decisions because of the Supremacy Clause of Article VI. This

clause says that anything in the Constitution, Laws and Treaties of the United States has priority over any state laws that are passed. All state courts have to go by federal law even in cases where the state law is conflicting.

If a state law and a federal law clash with each other, which one has priority?

- A) the state law
- B) the Supreme Court
- C) the state court
- D) the federal law
- E) there is no priority

25. A job advertisement in the newspaper reads:

QUALIFICATION REQUIREMENTS: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. You must possess qualities which are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

What type of job is being advertised?

- A) teacher
- B) nurse
- C) waitress
- D) working with people who have disabilities
- E) The question cannot be determined by the information given.

Questions 26-27

	For lunch, she likes ham and cheese (torn into bites), yogurt, raisins, applesauce, peanut butter sandwiches in the fridge drawer, or any combo of these. She's not a huge eater. Help yourself too. Bread is on counter if you want to make a sandwich.
(5)	It's fine if you want to go somewhere, leave us a note of where you are. Make

	sure she's buckled and drive carefully! Certain fast food places are fun if they have playgrounds and are indoors. It's probably too hot for playground, but whatever you want to do is fine. Take a sippy cup of water and a diaper wherever you go. There's some money here for you in case you decide to go out for lunch with her.
(10)	
	As for nap, try after lunch. She may not sleep, but try anyway. Read her a couple of books first, put cream on her mosquito bites (it's in the den on the buffet), then maybe rock in her chair. Give her a bottle of milk, and refill as needed, but don't let her drink more than 2 ½ bottles of milk or she'll throw up. Turn on music in her room, leave her in crib with a dry diaper and bottle to try to sleep. She likes a stuffed animal too. Try for 30-45 minutes. You may have to start the tape again. If she won't sleep, that's fine. We just call it "rest time" on those days that naps won't happen.
(15)	

26. To whom is this passage probably being written?

- A) a mother
- B) a father
- C) a babysitter
- D) a nurse
- E) The question cannot be answered from the information given.

27. You can assume the writer of the passage is:

- A) a mom
- B) a dad
- C) a teacher
- D) a parent
- E) a nurse

Questions 28-29

(5)	Square dancing has been around for more than a century, but it first really became popular in the United States in the 1930's. Henry Ford drew attention to square dancing when he was working on New England restoration. Once he sparked interest, other people made square dancing more modern for the times. By 1948, square dancing had really burst into popularity all over the nation. The pastime still exists today, although it has evolved with new music and new steps. From beginners to advanced dancers, square dancing is a fun way to meet new friends.
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28. Which sentence could be removed from the passage without taking away any important detail?

- A) Square dancing has been around for more than a century, but it first really became popular in the United States in the 1930's.
- B) Henry Ford drew attention to square dancing when he was working on New England restoration.
- C) By 1948, square dancing had really burst into popularity all over the nation.
- D) The pastime still exists today, although it has evolved with new music and new steps.
- E) From beginners to advanced dancers, square dancing is a fun way to meet new friends.

29. Who or what is responsible for bringing square dancing to the USA?

- A) Henry Ford
- B) Beginning dancers
- C) Advanced dancers
- D) New music
- E) New England restoration

30. The Poet Laureate Consultant in Poetry appointed by Congress. The person does not have many well-defined responsibilities, but during his or her term does have

- A) the receiving team
- B) the serving team
- C) either team
- D) there is no score
- E) the team that has 15 points

32. How many people can participate in a volleyball game?

- A) 14
- B) 15
- C) half of a class
- D) two-thirds of a class
- E) an entire class

33. What is something that a referee might call in a volleyball game?

- A) "side out"
- B) "time out"
- C) "out of order"
- D) "be careful"
- E) "go team"

34. What equipment is needed for volleyball?

- A) a referee, a goal, a ball
- B) a goal, a ball, a net
- C) a net, a ball
- D) two balls, one net
- E) 15 points

Questions 35-40

(5)	<p>Most people think that the Giant Sequoia (<i>Sequoiadendron giganteum</i>) is the largest living organism. This conifer grows mostly in groves located in the Sierra Nevada Mountains in California. The biggest single Giant Sequoia is called the General Sherman tree. The General Sherman is 250 feet tall and has a diameter of 24.75 feet at the bottom. The trunk of this massive tree weighs nearly 1400 tons. That's about the weight of 10 trains or 15 fully grown blue whales.</p>
(10)	<p>But some people do not think that labeling the Giant Sequoia as the largest living organism is correct. That is because the majority of the material that makes up a tree is made up of dead cells rather than living matter. In addition, there are other types of plants that reproduce in such a way that they are connected with roots under the ground, such as a grove of aspen trees or a field of goldenrod flowers. Some people think that these large, connected groves should be considered the largest organism. In any case, a Giant Sequoia is indeed a massive and beautiful sight to behold indeed.</p>

35. Based on the context of this passage, what is a conifer?

- A) an animal
- B) a tree
- C) a flower
- D) a cell
- E) a plant

36. Is the Giant Sequoia the largest organism?

- A) yes
- B) no
- C) some people think it is
- D) definitely
- E) most people think so

37. What is the General Sherman?

- A) the biggest train
- B) the largest connected organism
- C) the largest Giant Sequoia
- D) a type of whale
- E) a type of cell

38. How many tons is the General Sherman?

- A) 10
- B) 15
- C) 24.75
- D) 250
- E) 1400

39. Why do some people think that a grove of aspen trees should be considered the largest organism?

- A) because the trees are taller
- B) because the trees have a wider diameter
- C) because the grove is connected underneath the ground
- D) because there are more of them in the United States
- E) because the leaves are bigger

40. What is the diameter of the General Sherman tree at the top?

- A) 15 feet
- B) 20 feet
- C) 24.75 feet
- D) 250 feet
- E) This question cannot be answered from the information given.

Reading Test Answer Key

1. D	21. D
2. A	22. A
3. B	23. B
4. A	24. D
5. C	25. E
6. D	26. C
7. E	27. D
8. A	28. E
9. D	29. A
10. E	30. B
11. C	31. B
12. C	32. E
13. E	33. A
14. B	34. C
15. A	35. B
16. C	36. E
17. A	37. C
18. C	38. E
19. E	39. C
20. B	40. E

1. Choice D is the best answer.

Since the passage describes superstitions from days gone by about treating asthma, answer choice D is the correct one. Answer choice A, asthma in the United States, is incorrect because even though that is mentioned in the first sentence, it is not the main idea. Answer choice B, methods of treating asthma, is not the best choice since it is vague about whether the methods are current or from long ago. Answer choice C, old wives tales, might have been a choice if old wives' tales had been mentioned in the passage, but it is not the best choice.

2. Choice A is the best answer.

The reader can infer from the opening sentence that if so many people have asthma today, many would probably have had asthma long ago as well. Even though the environment today is different than it was long ago, people would still have suffered from the condition. The sentence explains why people long ago may have needed to try homemade methods of treating the condition.

3. Choice B is the best answer.

The purpose of the passage is to describe different measures that people took for asthma long ago, before the advent of modern medicine. Answer choice A, herbal remedies, is incorrect because the majority of the “medicine” described in the passage is not herbal. The passage does not, as in answer choice C, define superstitions. Nor does it praise modern medicine, as answer choice D suggests.

4. Choice A is the best answer.

The passage states that the boat landing at Buffalo Point changes annually because the river water moves gravel in and out of the area. Answer choice B, regarding Painted Bluff, does not change annually. Answer choice C is partially correct, but the passage says that the gravel comes both on and off the land there, not just off. Answer choice D is also partially right, but the top half of Painted Bluff is not dolomite. Answer choice E is incorrect.

5. Choice C is the best answer.

The entire passage is a description of Buffalo Point. Answer choice A, Painted Bluff, is included in the description as part of the explanation of what Buffalo Point is like. Answer choice B is incorrect. Answer choice D, public recreational area, is true, but it is not the main purpose of the passage.

6. Choice D is the best answer.

The description of the elephant’s behavior is the only choice that supports the main idea of animals being able to predict bad weather coming. The elephants began acting strangely hours before the tsunami, indicating that the elephants had strong

enough senses to know that it was coming. The other answer choices are all true, but they do not best answer the question.

7. Choice E is the best answer.

Although the passage does use the word “struggles” in the second sentence, the word does not describe the writing. The struggles are ones that Morrison’s characters are dealing with rather than a description of Morrison’s writing.

8. Choice A is the best answer.

Of all the choices listed, only answer choice A is an example of misusing a drug. It is listed as one of the ways that drugs are misused in the middle of the passage. Taking more or less of a prescription drug than the amount that the doctor ordered can be harmful to one’s health. The other answer choices are not examples of misuse, nor do they appear in the passage. Make sure all of your answer choices are based on the passage given rather than information you may know or assume from other sources.

9. Choice D is the best answer.

The passage does not say that ALL drugs add longevity. It says that drugs that are healthy and used properly add longevity. The word *all* makes the statement untrue.

10. Choice E is the best answer.

Choice E is not a reason that the New Deal was created. It is something that Roosevelt did in the process of creating the New Deal. He said it to the people, but it was not the *reason* that the economic plan was created.

11. Choice C is the best answer.

The two men were mostly opposite in their ideas, but in the first sentence of the passage you will find the answer to this question clearly stated. All of the other answer choices were differences in the ideas of the two men.

12. Choice C is the best answer.

All of the other statements use words that are in the passage, but they are written in such a way that they are all false. Only answer choice C has a true statement according to the passage.

13. Choice E is the best answer.

You will find the answer in the last sentence of the passage. All of the other word choices are used in the passage, but “surprised” is the only one that describes how many white people felt. You need to read the passage carefully to determine what it actually says. Do not depend only upon looking for specific words in a passage without reading it for meaning.

14. Choice B is the best answer

German music was NOT allowed. The question asks which of the statements was NOT an example. This is tricky wording. You have to read carefully to know that you are looking for the false statement. Answer choice E, patriotic murder, is not in the bulleted list in the passage, but it follows the list and is still in the passage as an example of mob-mentality patriotism.

15. Choice A is the best answer.

While mob-mentality is certainly a factor in the passage, “mobs” in general is not a noun that describes a group of people opposed to war. Some people who were drafted were against the war, but not ALL. The military was not listed as a group who was opposed to war, rather “non-military people” were more likely to be opposed.

16. Choice C is the best answer.

Patriotic frenzy was the midset of people during the war. People were going through a feeling of national hysteria about the war. They did lose freedom and speech rights, and some did act out patriotic murder, but these do not define the idea of patriotic frenzy.

17. Choice A is the best answer.

Some of the other answer choices are results of the work they did, but only answer choice A describes a job they were doing.

18. Choice C is the best answer.

People in government knew that the purchase would make the country more powerful, but the last sentence specifically states that they needed to explore. Answer choice C is the best prediction of what would occur next. Answer choices A, D and E infer too much, since you cannot assume any of these based on this passage given. Answer choice B is simply a statement that does not predict anything for the future.

19. Choice E is the best answer.

While all of the answer choices are in the passage, only answer choice E answers the question as it is written. The desire to become more powerful is listed in the passage as one of the reasons that the United States decided to buy the land.

20. Choice B is the best answer.

In this case, all of the answer choices are true about Sanibel. However, the paragraph is about birding on the island, and answer choice B is the only choice that has anything to do with birding. Be sure to use the paragraph given to answer the question rather than previous knowledge about a place. Here, relevance has more to do with choosing the correct and best answer than truth.

21. Choice D is the best answer.

The other answer choices are not true for all four crimes. The passage describes the four actions as crimes, which leads one to the knowledge that they are all illegal.

22. Choice A is the best answer.

The passage suggests that spelunking is an outdoorsy, family adventure, then goes on to describe the adventure of going to a cave. If you do not already know that spelunking is another word for caving, you can infer this information based on reading the passage.

23. Choice B is the best answer.

The article's style is not technical or scientific in the least. It is a simple and lighthearted article about something a family could do together. It is adventurous, but *Adventures for Men* is not a good choice since the fun is for the whole family. *Mud Magazine* might have been the next best choice, but *Family Fun Days* is clearly better. Your job is to choose the best choice of the options given.

24. Choice D is the best answer.

The passage explains that federal law takes precedence over state law. That is what the court case of *Marbury v. Madison* was all about.

25. Choice E is the best answer.

Based on the information in the passage, there is no way to know what kind of job is being advertised. The information is vague and gives no details.

26. Choice C is the best answer.

Although it never specifically addresses the babysitter, the directions are clearly instructions for how to take care of a little girl. A mother or father would not need this information written down in such detail, but a babysitter might. You can infer the answer in this case.

27. Choice D is the best answer.

You cannot assume gender, and the note never indicates whether the writer is male or female. You can tell that the writer is the main caretaker of the child in question, so "parent" is the best choice in this case. A teacher or nurse might be able to write such a note, but parent is probably more likely, making it the best choice.

28. Choice E is the best answer.

The last sentence of the passage does not add any important detail to the passage. It could be removed from the passage completely without losing any meaning or information. All of the other sentence choices add pertinent information.

29. Choice A is the best answer.

The passage tells us that Henry Ford sparked interest in square dancing when he was working on New England restoration. You may have thought that New England restoration (answer choice E) was a better choice, but it was actually Ford who brought attention to square dancing, not the project of restoring the area.

30. Choice B is the best answer.

The first sentence of the passage states that the position is appointed by Congress, so Poet Laureate Joseph Brodsky must have been appointed. You can eliminate the other choices by reading carefully. Answer choice D regarding the length that one serves as Poet Laureate is answered in the second sentence when the word “term” is used.

31. Choice B is the best answer.

The information in the passage lets you know that only the serving team can score. This rule is different in different leagues, so it is important to read the passage instead of going by what you know from your own life.

32. Choice E is the best answer.

Although any number of people could play in a volleyball game, the passage mentions that the entire class could participate in a game. Do all of them have to participate? No. But that wasn't the question.

33. Choice A is the best answer.

The referee might yell any number of things, but only “side out” is mentioned in the passage.

34. Choice C is the best answer.

In volleyball, all that is needed in terms of equipment is a ball and a net. Answer choice E, 15 points, is the number of points needed to win.

35. Choice B is the best answer.

You may already know that a conifer is a type of tree. If you do not know this, you can deduce the information based on the fact that the word is used in the description of the Giant Sequoia tree.

36. Choice E is the best answer.

In the first sentence, the passage states that *most* people think the Giant Sequoia is the largest organism. It goes on to explain that there are some people who do not agree.

37. Choice C is the best answer.

The first paragraph describes the General Sherman as the largest Giant Sequoia. The other answer choices include words that can be found in the passage

38. Choice E is the best answer.

If you just glance through, you will see that all of the numbers listed as choices can be found in the passage, but the question asks how many tons the General Sherman is. Only answer choice E, 1400 tons, is correct.

39. Choice C is the best answer.

Look at lines 10 and 11 to find the answer. The passage explains that goldenrod flowers and aspen groves are connected with underground root systems, leading some people to believe that these organisms are bigger than Giant Sequoia trees.

40. Choice E is the best answer.

The passage gives the diameter of the tree at the bottom, but the diameter at the top is not given. You cannot assume the answer, so there is no way to know what the diameter is given the data in the passage.

Praxis I: Pre-Professional Skills Test (PPST) - Writing Test

[Praxis I Writing Tips](#)

Time - 60 minutes

38 Questions and Essay

DIRECTIONS: Questions 1-19

In the following section, there are underlined parts to each sentence. One of the underlined parts is incorrectly written. Choose the letter that corresponds with the incorrect underlined part of the sentence. If the entire sentence is correct, choose E for NO ERROR.

1. Being an honor student with a penchant with reading, she loves to pick up a book

A

B

C

during every spare moment. No error

D

E

2. At the full arena, filled with 15,000 concert-goers, the two friends were still somehow

A

B

C

capable to find each other. No error

D

E

3. While the TV anchorman relayed the details of the storm, the family fell silent.

A

B

C

D

No error.

E

4. I had already read the book before, so I knew what to expect. No error

A

B

C

D

E

5. The entire staff is invited to Barbara Schneiders retirement reception on Wednesday,

A B C

Oct. 8 at 2:00 p.m. in the community room. NO ERROR

D E

6. If the substance are too sticky, add more starch in small amounts until it

A B C

becomes smooth and rubbery. NO ERROR

D E

7. The young father lied the baby down in her brand new baby bed. NO ERROR

A B C D E

8. My grandparents gave gifts to my brother and myself. NO ERROR

A B C D E

9. The mathematicians experimented with an all together different method of solving

A B C D

the problem. NO ERROR

E

10. The foundation of the huge building was cracked pretty bad. NO ERROR

A B C D E

11. As she pulled into the parking lot, she was surprised to discover that several parking

A B C

places had been blocked off due to construction. NO ERROR

D E

12. The company philosophy is to strive to use resources wisely, treat each employee

A

B

C

with respect, and an excellent product. NO ERROR

D

E

13. The boy could take either the goldfish given as a prize to the winners or choose the

A

B

C

D

gift certificate instead. NO ERROR

E

14. Mrs. Parker, teacher of a 3rd grade class, said, "Let's all try to remember to use the

A

B

C

recycling bin". NO ERROR

D

E

15. The class of 8th graders are not happy about the field trip cancellation. NO ERROR

A

B

C

D

E

16. If wolves are generally pack animals, sometimes one wolf ends up alone.

A

B

C

D

NO ERROR

E

17. Of all the science projects in the whole school, Ben's was worse. NO ERROR

A

B

C

D

E

18. The teenager ran as fast as he could to catch his dog wearing only his socks.

A

B

C

D

NO ERROR.

E

19. The children unfortunately decided to clean up his own mess. NO ERROR

A

B

C

D

E

DIRECTIONS: Questions 20-38

The upcoming sentences are given to measure your ability to correctly and efficiently convey meaning. When you are choosing your answer, remember that the sentences should utilize conventional written English, including grammar, word selection, conventional sentence structure, and punctuation.

There will be either a section or a complete sentence underlined. Beneath the sentence there are different choices. The first choice (A) will be the same as the underlined section. The remaining choices give different substitutions that could replace the underlined section.

Choose the letter that corresponds with the choice that best conveys the meaning of the original sentence. If the original wording is the best, select answer choice A. If not, choose one of the other choices. The correct answer is the one that keeps the original meaning and makes the sentence the most effective. Make sure your choice makes the sentence understandable without being cumbersome or unclear.

20. Minerals are nutritionally significant elements that assist to make your body work properly.

A) that assist to make your body

B) that help your body

C) that making your body

D) that work to make your body

E) that hinder your body to

21. Of the two, the oldest brother had a much more difficult time in school.

- A) the oldest brother
- B) the older brother
- C) the earliest brother
- D) the best brother
- E) the better brother

22. The duck waddled towards the pond, her five ducklings following just behind her.

- A) her five ducklings following just behind her
- B) and then there were five ducklings following in back of her
- C) therefore the ducklings were following behind
- D) and so her five ducklings were following just behind her
- E) her five ducklings

23. Fair teachers understand that he or she cannot treat any student with favoritism.

- A) Fair teachers understand that he or she
- B) Fair teachers understand that he
- C) Fair teachers understand that she
- D) Fair teachers understand that they
- E) Fair teachers understand that their

24. We will begin with painting first, and then secondly we will start the decoupage process.

- A) first, and then secondly
- B) firstly, and then secondly
- C) first, and then second
- D) first, then second
- E) first, second

25. The hidden passageway in the bowels of the castle remained a well kept secret.

- A) remained a well kept secret
- B) remained a well-kept secret
- C) remained a wellkept secret
- D) was always going to be a secret
- E) would always be a secret

26. Another view of the test results had been planned to be provided by a different doctor.

- A) Another view of the test results had been planned to be provided by a different doctor.
- B) She will need to get new test results from a different doctor.
- C) A different doctor has planned to provide another view of the test results.
- D) Several new views of the results are provided and planned with a different doctor.
- E) A couple of views of the test results are planned to be provided by a different doctor.

27. I dare not whisper the deadly secret to a single soul.

- A) I dare not whisper
- B) I should not whisper
- C) I cannot tell anyone
- D) I swore not to tell
- E) I whispered

28. The scientist said we did need not trouble our minds with trivial details.

- A) The scientist said we did need not trouble
- B) The scientist said we did not trouble

- C) The scientist said do not worry
- D) The scientist did not need to do
- E) The scientist said we need not trouble

29. Every teacher ought set a good example for his or her students.

- A) Every teacher ought set a good example
- B) Every teacher ought to set a good example
- C) Teachers are required to set a good example
- D) It is important for teachers to set good examples
- E) One teachers should set a good example

30. The Math Committee worked to make sure students had options to participate in contests, book work, computer games or memory practice games.

- A) had options to participate in
- B) met the requirements for
- C) were allowed to do
- D) could choose one of the following:
- E) opted to do one of the following:

31. Forgetting to feed the dog was a honest mistake.

- A) Forgetting to feed the dog was a honest mistake.
- B) She honestly forgot to feed the dog.
- C) The dog went hungry.
- D) Forgetting to feed the dog was an honest mistake.
- E) Forgetting to feed her dog was an honest mistake.

32. On his first day at the news station, the new anchorman had to determine where his desk was at.

- A) where his desk was at

- B) the location of the desk
- C) which desk would belong to him
- D) what to put on his new desk
- E) where his desk was

33. The gentleness of the summer sky while the buttercups shined like the stars.

- A) The gentleness of the summer sky while the buttercups shined like the stars.
- B) There was the gentleness of the summer sky while the buttercups shined like the stars.
- C) The gentle summer sky even as the buttercups shined as though they were stars.
- D) The summer sky gentleness while the buttercups shined like the stars.
- E) The gentleness of the summer sky at the same time that the buttercups shined like the stars.

34. He got up bright and early and he spent a whole hour taking a shower.

- A) He got up bright and early and he spent
- B) He got up as early as he could and he took
- C) He arose before the dawn; and he spent
- D) He got up bright, and early, and he spent
- E) He got up bright and early, and he spent

35. The principal added an additional break time into the teachers' busy schedules.

- A) The principal added an additional break time
- B) The principal decided that he needed to add another break time
- C) The principal added another break time
- D) The principal added a third break time
- E) The principal gave the teachers another break time

36. The cow cumbersome crossed the wide, grassy field.

- A) The cow cumbersome crossed the wide, grassy field.
- B) The cow cumbersome crossed the wide grassy field.
- C) The cow clumsily crossed the wide, grassy field.
- D) The cow did his best to cross the wide, grassy field.
- E) The cow went across the field.

37. The girl was so popular in her own school that the other students treated her like a God.

- A) that the other students treated her like a God.
- B) that the other students treated her like a god.
- C) and so all the other students wanted her to be a god.
- D) that she thought she was a god.
- E) that she felt like a god.

38. Cecile White is from Sylacauga, Alabama, the teacher of the year.

- A) Cecile White is from Sylacauga, Alabama, the teacher of the year.
- B) Cecile White is the teacher of the year and was from Sylacauga, Alabama.
- C) Cecile White, who is from Sylacauga, Alabama, is the teacher of the year.
- D) Cecile White was the teacher of the year in Sylacauga, Alabama.
- E) Although Cecile White is from Sylacauga, Alabama, she is the teacher of the year.

Essay Question

DIRECTIONS:

Write 300-600 words on the assigned essay topic. Be sure to write in the correct section of your test booklet. Make sure you stay on topic the entire time you are writing. Write a logical and well-organized paper. Use details to support your main ideas. Write in a clear and precise manner. Use conventional English to write your paper.

ESSAY TOPIC:

The city council has raised the issue of setting a curfew for children under the age of 17 to keep young drivers off the road after a certain time at night. They know it is legal, but still plan to discuss it at the next meeting, including whether the idea is worthwhile, whether the curfew would be all the time or only on school nights, and whether or not the age of 17 is too high. The subject will be open for ideas.

Write an essay. Discuss your position on the curfew issue.

Writing Test Answer Key

1. B	20. B
2. D	21. B
3. E	22. A
4. C	23. D
5. C	24. C
6. A	25. B
7. A	26. C
8. D	27. A
9. B	28. E
10. D	29. B
11. E	30. A
12. D	31. D
13. B	32. E
14. D	33. B
15. C	34. E
16. A	35. C
17. D	36. C
18. D	37. B
19. D	38. C

USAGE

1. Answer: B

Penchant with reading is an incorrect idiom. If you say it out loud, you will find that it does not sound right. It should be penchant *for* reading.

2. Answer: D

To be read correctly, it should say *of finding*. The word *capable* is the key here. If the sentence had said *able to find*, it would have been correct. But the adjective *capable* is generally followed by *of*.

3. Answer: E

There is no error in this sentence.

4. Answer: C

Since the sentence uses the word *already*, the use of the word *before* is redundant. Either the word *already* or the word *before* should be taken out, and *already* was not a choice of something that could or should be changed.

5. Answer: C

There should be an apostrophe before the *s* at the end of Barbara Schneider's name to show possession. The retirement reception belongs to her, so the correct way to write it should be: *Barbara Schneider's*.

6. Answer: A

The subject and verb do not agree. *Substance* is singular, so the verb should be *is* instead of *are*. If the subject had been plural, as in *substances*, the verb *are* would have been correct.

7. Answer: A

The correct word should be *laid* rather than *lied*. When you put something flat down into a horizontal position, you use and conjugate the verb *lay*. On the other hand, the verb *lie* is used and conjugated when someone is actually in or moving towards being horizontal.

8. Answer: D

The word *myself* is a reflexive pronoun. It should not be used as a substitute for the personal object pronoun *me*. In this sentence *me* is the correct pronoun to use.

9. Answer: B

In this sentence, *all together* is incorrect and should be replaced with the adverb *altogether*. In this context, *altogether* is used as a synonym for entirely or

completely. The two words *all together* signify that more than one person is working together to do one task or action.

10. Answer: D

Although *pretty bad* is commonly used in speech, it is incorrect for formal writing. The word *bad* should be replaced with the adverb *badly*.

11. Answer: E

There is no error in this sentence

12. Answer: D

There is a problem with the parallel in the series given for this sentence. Each part of the series should follow the beginning of the sentence “our company philosophy is to strive to...”. In answer choice D, *and an excellent product* does not follow. There needs to be another verb so that each of the parts in the series follow the same structure, as in *USE resources wisely, TREAT each employee with respect, and (insert verb here) an excellent product*. Some choices for verbs that would make sense might be CREATE, MANUFACTURE, MAKE, or any number of other verb choices.

13. Answer: B

While it is true that *either* and *or* go together just as *neither* and *nor* do, in this case the sentence structure is incorrect with the placement of the word *either*. When *either* is followed by an object and verb, *or* must also be followed by an object and verb. In this sentence, you could correct the problem by moving the word *either* as such: *The boy could either take the goldfish given as a prize to the winners or choose the gift certificate instead.*

14. Answer: D

The error is in punctuation. The period should come inside of the quotation mark, as follows: “...recycling bin.”

15. Answer: C

The subject, *class*, does not agree with the verb *are*. The sentence should correctly read: The class of 8th graders **is** not happy about the field trip cancellation.

16. Answer A

The use of the word *if* here is incorrect. It cannot stand alone at the beginning of a sentence without later using the word *then* to finish the thought. In this sentence, *although* or *while* would be better choices to replace the ill-used *if*.

17. Answer: D

The word *worse* is used when comparing two things. This sentence is comparing more than two, so the superlative word *worst* should be used.

18. Answer: D

In this case, we have a problem with a misplaced modifier. *Wearing only his socks* is a statement about the teenager. The problem is that the placement of this statement in the sentence makes it seem as though the dog is the one with the sock issue. A modifier should be placed as close as possible to the subject, as follows: The teenager, wearing only his socks, ran as fast as he could to catch his dog. In this manner the sentence is more clear and makes logical sense.

19. Answer: D

The pronoun (*his*) does not agree with the subject (*children*).

SENTENCE CORRECTION

20. Answer: B

Answer choice B is precise and clear. Answer choice A keeps the meaning, but is awkward and wordy. Answer choice C uses the wrong verb tense. Answer choice D would put the word *work* into the sentence twice. It is not completely incorrect, but it is not the best choice. Answer choice E changes the original meaning of the sentence.

21. Answer: B

When comparing two people or things, the correct comparative word would be *older* rather than *oldest*. If there were more than two, you would use the comparative word *oldest*. The other choices change the intended original meaning of the sentence. The same is true for the comparative words *better* and *best* or *less* and *least*.

22. Answer: A

The sentence is precise and clear in its original form. This type of sentence is an absolute construction, including a noun and a modifier. Absolute constructions squeeze two sentences into one. In this case the modifier is a participle phrase.

23. Answer: D

The plural subject *teachers* agrees with the pronoun *they*. Pronouns have to agree with gender, number and person. If the subject had been singular, such as *teacher*, then the pronoun would have needed to also be singular. In that case the correct sentence might have been: A fair teacher understands that he or she cannot treat any student with favoritism.

24. Answer: C

When putting things or people in order, the words must agree in the series. You can use *first, second, third*, and so forth, or you may use *firstly, secondly, thirdly*, and so forth. In this sentence, answer choice C is the best choice because the two words *first* and *second* agree in the series, and in this case it sounds better. *Firstly* and *secondly* sound awkward. Also, it is correct to use *and then* in the sentence rather than answer choice D which uses only the word *then*.

25. Answer: B

Well and *kept* put together forms a compound adjective. In this case the compound adjective was written with an adverb and a past participle. When the two together come before and modify a noun, such as *secret*, they must be hyphenated as such: *well-kept secret*.

26. Answer: C

The style in the original sentence is awkward because it has a double passive voice. Change the first passive verbs into an active verb and the sentence will simply sound better. Even though answer choice B sounds good and is grammatically correct, you cannot choose it because of the pronoun *she*. The original sentence does not specify gender.

27. Answer: A

The sentence is clear and precise in its original form.

28. Answer: E

The word *need* is being used as an auxiliary verb in this sentence. It does not go together with *did* or any form of *do* unless it is being used as a main verb. The following is an example of *need* being used as a main verb together with *do*: *We do need to trouble our minds.*

29. Answer: B

The word *ought* is an auxiliary verb that should go together with the word *to* in formal writing. It is sometimes used in speech without the word *to* (especially in particular regions), but is not considered correct in written English. There are some cases where *ought* can be correctly used without *to* in questions, such as: *Ought the teacher set a good example?*

30. Answer: A

The sentence is clear and precise in its original form.

31. Answer: D

The only problem with the sentence is the use of the adjective *a* rather than *an*. You cannot assume gender (such as *she* or *her*).

32. Answer: E

The use of the word *at* at the end of the sentence is unnecessary. It is a dangling preposition. Remove the word *at* to make it clear and precise.

33. Answer: B

The original sentence has dependent clauses with words that LOOK like verbs but do not ACT like verbs. The entire sentence is a fragment. Answer choice B is the only one that adds a subject and verb to change the fragment into a complete sentence.

34. Answer: E

The original is a run-on sentence. There should be a comma to separate the two thoughts. The use of a semicolon only works if you remove the word *and*, as follows: He got up bright and early; he spent a whole hour taking a shower.

35. Answer: C

The two words *added* and *additional* are redundant. Grammatically, it is not wrong, but the two words are similar enough that they seem like the same word. It is awkward. Taking out the *additional* makes the sentence more precise without changing any of the meaning.

36. Answer: C

The word *cumbersome* is an adjective, but the placement in the sentence calls for an adverb. Add *ly* to the word to make modify the verb. If it had been used as an adjective, it would have come before the noun as follows: *the cumbersome cow*.

37. Answer: B

The word *god* should not be capitalized because it is not being used as a name. When the word is non-specific and not used as a name, it should be written with the lowercase *g*.

38. Answer: C

There are two facts in the sentence that need to be connected without ending up with a run-on sentence. The original is already a run-on sentence. Answer choice C is the only choice that is not confusing or awkward. It states the two facts and connects them in such a way that the sentence makes sense. Answer choice D actually changes the meaning of the sentence since it states that she is the teacher of

the year IN Sylacauga, Alabama. The original sentence never says that. It only says that she is FROM Sylacauga. We have no idea where she lives now. Answer choice E uses the word *although*, which implies that she got the award in spite of being from that city.

Essay Question

Your essay will be scored on a scale of 0 to 6, as follows:

0 – There is nothing written or the essay is not on the topic given. The essay cannot be scored.

1 – The essay is deeply flawed. Reasons for this score include one or more of the following:

- The ideas are not clear.
- The writing is not organized.
- There is no articulate opinion or evidence regarding the topic.
- The essay is hard to understand because overall it has significant problems with grammar, usage, and/or sentence structure.

2 – The essay is weak. Reasons for this score include one or more of the following:

- The opinion or evidence given is not sufficiently supported.
- The ideas are not clear or organized.
- The essay is hard to understand because there are a lot of problems with grammar, usage, and/or sentence structure.

3 – The essay is limited. Reasons for this score include one or more of the following:

- The opinion or evidence is only partly given.
- The thoughts are not clear or organized.
- The writing is unsatisfactory, including big problems with grammar, usage, and/or sentence structure.

4 – The essay is adequate. Reasons for this score include one or more of the following:

- The opinions or evidence are adequate to support the topic.
- The thoughts are moderately clear and organized. There are some rational ideas.

- The writing is satisfactory, including adequate grammar, usage, and sentence structure.

5 – The essay is strong. Reasons for this score include one or more of the following:

- The opinions and thoughts do a good job of supporting the evidence or opinion for the topic.
- The thoughts are clear and organized. There are rational ideas.
- There is good management with conventional writing, including grammar, usage, and sentence structure.

6 – The essay is outstanding. Reasons for this score include one or more of the following:

- The evidence and opinions are astute. The topic is well-supported.
- The thoughts are extremely clear and organized. There is logic to the way it is written.
- The writer demonstrates knowledge and command of the conventional written English language.

Praxis I: Pre-Professional Skills Test (PPST) - Math Test

[Praxis I Math Tips](#)

Time – 60 minutes

40 Questions

1. A boy has a spinner labeled with the numbers 1 – 10. He spins it 100 times and records his results in a table, shown below. Give the experimental probability that the boy will spin the number 6.

Number on Spinner	Frequency
1	12
2	15
3	11
4	6
5	12
6	14
7	8
8	10
9	12
10	3

- A) $6/100$
- B) $100/100$
- C) $10/100$
- D) $14/100$
- E) $4/100$

2. Which of the following are complementary angles?

- A) 71° and 19°
- B) 18° and 18°

- C) 90° and 90°
- D) 90° and 45°
- E) 15° and 30°

3. A man decided to buy new furniture from Futuristic Furniture for \$2600. Futuristic Furniture gave the man two choices: pay the entire amount in one payment with cash, or pay \$1000 as a down payment and \$120 per month for two full years in the financial plan. If the man chooses the financial plan, how much more would he pay?

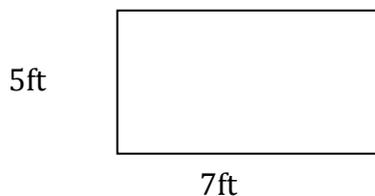
- A) \$1480 more
- B) \$1280 more
- C) \$1600 more
- D) \$2480 more
- E) \$3720 more

4. What is the value of r in the following equation?

$$29 + r = 420$$

- A) $r = 29/420$
- B) $r = 420/29$
- C) $r = 391$
- D) $r = 449$
- E) $r = 478$

5. Find the area of the rectangle.



- A) 5 ft

- B) 12 ft
- C) 24 ft
- D) 35 ft
- E) 70 ft

6. If 35% of a paycheck was deducted for taxes and 4% for insurance, what is the total percent taken out of the paycheck?

- A) 20%
- B) 31%
- C) 39%
- D) 42%
- E) 48%

7. In the year 2000, 35% of the company sales were in electronics. The table below shows how electronic sales have changed for the company over the years. Find the percent of electronics sold in 2005.

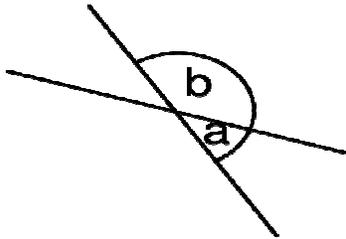
Years	Change
2000 - 2001	-2
2001 - 2002	-1
2002 - 2003	+6
2003 - 2004	-1
2004 - 2005	+2

- A) 2%
- B) 11%
- C) 39%
- D) 42%
- E) 47%

8. Which of the following choices expresses $\frac{5}{8}$ as a percent?

- A) 40%
- B) 58%
- C) 62.5%
- D) 65%
- E) 72%

9. In the following figure, angle $b = 120^\circ$. What is the measurement of angle a ?



- A) 40°
- B) 60°
- C) 90°
- D) 100°
- E) 180°

10. The scientific notation for a red blood cell is approximately 7.4×10^{-4} centimeters in diameter. What is that amount in standard form?

- A) 0.00074
- B) 0.0074
- C) 7.40000
- D) 296
- E) -740000

11. A woman wants to stack two small bookcases beneath a window that is $26\frac{1}{2}$ inches from the floor. The larger bookcase is $14\frac{1}{2}$ inches tall. The other bookcase is $8\frac{3}{4}$ inches tall. How tall will the two bookcases be when they are stacked together?

- A) 12 inches tall
- B) $23\frac{1}{4}$ inches tall
- C) $35\frac{1}{4}$ inches tall
- D) 41 inches tall
- E) $49\frac{3}{4}$ inches tall

12. A plane is flying 345 miles per hour at an altitude of 35,000 feet. If the speed stays the same, how many miles will the plane travel in 3 hours?

- A) 690 miles
- B) 1035 miles
- C) 2596 miles
- D) 33,965 miles
- E) 35,000 miles

13. A man has \$1000. He adds 10% to the total amount of money. Then he takes away 10% of the total amount. How much money does he have now?

- A) \$800
- B) \$900
- C) \$990
- D) \$1000
- E) \$1100

14. Solve for y in the following equation if $x = -3$

$$y = x + 5$$

- A) $y = -2$
- B) $y = 2$
- C) $y = 3$
- D) $y = 8$
- E) $y = 15$

15. It costs \$2.50 to make a 15 minute phone call. At the same rate, how much will it cost to make a phone call that lasts 12 minutes?

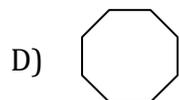
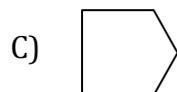
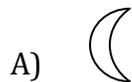
- A) \$1.50
- B) \$1.75
- C) \$2.00
- D) \$2.25
- E) \$2.50

16. Put the following integers in order from greatest to least:

-52, 16, -12, 14, 8, -5, 0

- A) -52, 16, -12, 14, 8, -5, 0
- B) 0, -5, 8, -12, 14, 16, -52
- C) 0, -5, -12, -52, 8, 14, 16
- D) -5, -12, -52, 0, 8, 14, 16
- E) -52, -12, -5, 0, 8, 14, 16

17. Which of the following figures has rotational symmetry?



E) 

18. Which of the following is the symbol that represents the negative square root of 100?

A) $\sqrt{-100}$

B) $\sqrt{100}$

C) $\sqrt{10}$

D) $-\sqrt{100}$

E) $-\sqrt{10}$

19. If number x is subtracted from 27, the result is -5. What is number x ?

A) 22

B) 25

C) 32

D) 35

E) 38

20. Haley's dad offered to pay for the team's pizza party. The cost, including tip, would be \$4.05 per person. There were 15 team members at the party. Which of the following is the best estimate of the total bill?

A) Less than \$30

B) Between \$30 and \$40

C) Between \$40 and \$50

D) Between \$60 and \$70

E) More than \$70

21. What is the simplest way to write the following expression?

$$5x - 2y + 4x + y$$

- A) $9x - y$
- B) $9x - 3y$
- C) $9x + 3y$
- D) $x; y$
- E) $3x - y$

22. Find the sum.

$$(3x^2 + x + 3) + 8x^2 + 5x + 16$$

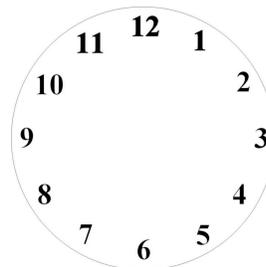
- A) $7x^2 + 29x^2$
- B) $11x^2 + 6x + 19$
- C) $30x + 19$
- D) $(3x^2 + 3x) + 13x^2 + 16$
- E) $36x^2$

23. Which of the following letters has a vertical line of symmetry?

- A) E
- B) V
- C) K
- D) B
- E) L

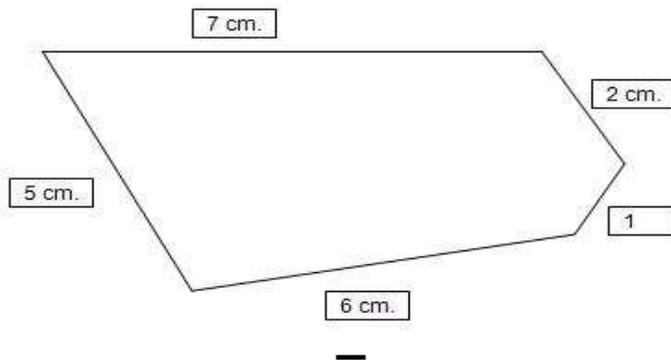
24. A wall clock has the numbers 1 through 12 written on it. If you spin the second hand, what is the probability of landing on an even number?

- A) 20%



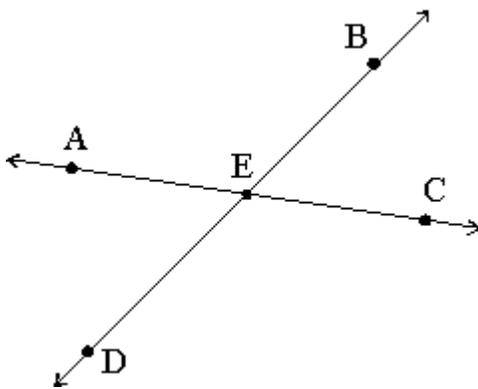
- B) 30%
- C) 40%
- D) 50%
- E) 100%

25. What is the perimeter of the following figure?



- A) 15cm
- B) 18cm
- C) 21 cm
- D) 36cm
- E) 45cm

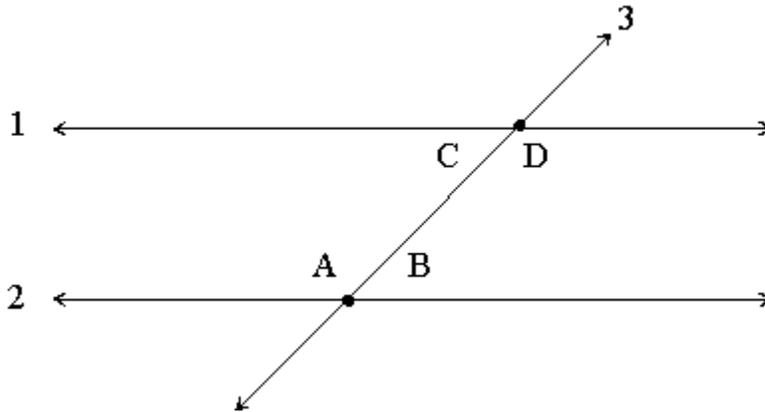
26. Angle AEC is a straight line. Angle BEC is 45° . What is the measure for angle AEB?



- A) Angle BEC is 90°
- B) Angle BEC is 115°

- C) Angle BEC is 135°
- D) Angle BEC is 180°
- E) Angle BEC is 360°

Use the figure below to answer questions 27, 28 and 29.



27. Which of the following statements is true about the figure above?

- A) Lines 1 and 2 are parallel.
- B) Lines 1 and 3 are parallel.
- C) Lines 1 and 2 intersect.
- D) Line 1 bisects line 3.
- E) Line 2 corresponds with angle B.

28. In the figure above, which of the following is a pair of alternate interior angles?

- A) angle C and angle D
- B) angle A and angle B
- C) angle A and angle C
- D) angle B and angle D
- E) angle A and angle D

29. In the figure above, which of the following is an obtuse angle?

- A) line 1
- B) line 2
- C) line 3
- D) angle A
- E) angle B

30. To begin making her soup, Jennifer added four containers of chicken broth with 1 liter of water into the pot. Each container of chicken broth contains 410 milliliters. How much liquid is in the pot?

- A) 1.64 liters
- B) 2.64 liters
- C) 5.44 liters
- D) 6.12 liters
- E) 17.4 liters

31. What are the first 5 multiples of 8?

- A) 1, 2, 3, 4, 5
- B) 0, 2, 4, 6, 8
- C) 0, 8, 16, 24, 32
- D) 1, 8, 16, 24, 32
- E) 8, 16, 24, 32, 40

32. Which of the following demonstrates 25,125,652 in scientific notation?

- A) $2,512,565.2 \cdot 10$
- B) $251256.52 \cdot 10^2$
- C) $25,125.652 \cdot 10^3$
- D) $25.125652 \cdot 10^6$
- E) $2.5125652 \cdot 10^7$

33. What is $\frac{44}{99}$ in the simplest form?

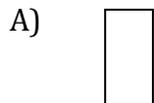
- A) $\frac{4}{9}$
- B) $\frac{4}{5}$
- C) $\frac{11}{99}$
- D) $\frac{14}{19}$
- E) $\frac{44}{99}$

34. According to the table below, which snack is made with no more than 4 grams of carbohydrates and between 4-6 grams of sugar?

Snack (amount per serving)	Grams of carbohydrates per Serving	Grams of sugar per Serving
Snappy Cookies (3)	6	8
Snappy Crackers (8)	6	4
Snappy Cheese (2)	0	0
Snappy Twisters (4)	4	5
Snappy Chews (20)	0	5

- A) Snappy Cookies
- B) Snappy Crackers
- C) Snappy Cheese
- D) Snappy Twisters
- E) Snappy Chews

35. Which of the following is an example of a ray?



C) 

D) 

E) 

36. All of the children are girls. Some of the girls like soccer. Some of the girls like cheerleading. Based on this data, which statement has to be correct?

- A) All girls like to play soccer.
- B) Some of the girls are 3 years old.
- C) Some of the girls like both soccer and cheerleading.
- D) Some of the children like soccer.
- E) Some of the girls do not like soccer or cheerleading.

37. Which of the following fractions is halfway between $\frac{2}{5}$ and $\frac{4}{9}$?

- A) $\frac{2}{3}$
- B) $\frac{2}{20}$
- C) $\frac{17}{40}$
- D) $\frac{19}{45}$
- E) $\frac{20}{45}$

38. Fifteen ring boxes can fit into each case. If you have 100 ring boxes, how many cases do you need?

- A) 4 cases
- B) 5 cases

- C) 6 cases
- D) 7 cases
- E) 8 cases

39. Which of the following is the largest number?

- A) $\frac{1}{2}$
- B) $\frac{3}{8}$
- C) $\frac{7}{16}$
- D) $\frac{13}{54}$
- E) $\frac{89}{287}$

40. Which number has no remainder when divided into 250?

- A) 5
- B) 15
- C) 20
- D) 30
- E) 75

Math Test Answer Key

1. D	21. A
2. A	22. B
3. B	23. B
4. C	24. D
5. D	25. C
6. C	26. C
7. C	27. A
8. C	28. E
9. B	29. D
10. A	30. B
11. B	31. E
12. B	32. E
13. C	33. A
14. B	34. D
15. C	35. D
16. E	36. D
17. D	37. D
18. D	38. D
19. C	39. A
20. D	40. A

1. Answer: D

Experimental probability is a ratio of how many times the spinner will land on the specific number to the total number of times the spinner is spun. In this case, the boy landed on the number 6 a total of 14 times. He tried the spinner 100 times. The resulting ratio is $14/100$.

2. Answer: A

Complementary angles are two angles that equal 90° when added together.

3. Answer: B

Multiply \$120 by 24 months (a full two years) to get \$2880. Add the thousand dollars for the down payment to get \$3880. Find the difference between the entire amount all at once (\$2600) and the amount paid in the plan (\$3800). To find the difference, you subtract. The difference shows that \$1280 more is paid with the installment plan.

4. Answer: C

$$29 + r = 420$$

$$29 + r - 29 = 420 - 29$$

$$r = 391$$

5. Answer: D

Area = length x width

$$A = 7 \times 5$$

$$A = 35$$

6. Answer: C

To solve, find the sum. $35\% + 4\% = 39\%$

7. Answer: C

Electronics sales = x

$$x = 35 + (-2) + (-1) + (+6) + (-1) + (+2)$$

$$x = (35 + 6 + 2) + (-2 + (-1) + (-1))$$

$$x = (43) + (-4)$$

$$x = 39$$

8. Answer: C

Solve as follows:

$$\frac{5}{8} = \frac{x}{100}$$

$$5 \cdot 100 \div 8 = x$$

$$x = 62.5$$

9. Answer: B

These are supplementary angles. That means that the two angles will add up to a total of 180° , which is the angle of a straight line. To solve, subtract as follows:

$$b = 180^\circ - 120^\circ$$

$$b = 60^\circ$$

10. Answer: A

To solve, you will need to move the decimal 4 places. Since the scientific notation had a negative power of 10, move the decimal left. If the power of 10 had been positive, you would have needed to move it to the right. In this problem, solve as follows:

$$7.4 \times 10^{-4}$$

$$7.4 \times 1/10,000$$

$$7.4 \times 0.0001$$

$$0.00074$$

11. Answer: B

Add to solve. The height of the window from the floor is not needed in this equation.

It is extra information. You only need to add the heights of the two bookcases.

Change the fractions so that they have a common denominator. After you add, simply the fraction.

$$14\frac{1}{2} + 8\frac{3}{4}$$

$$= 14\frac{2}{4} + 8\frac{3}{4}$$

$$= 22\frac{5}{4}$$

$$= 23\frac{1}{4}$$

12. Answer: B

Multiply the miles per hour by the number of hours traveled.

$$345 \times 3 = 1035$$

13. Answer: C

$$10\% \text{ of } \$1000 = \$100$$

$$\$1000 + \$100 = \$1100$$

$$10\% \text{ of } \$1100 = \$110$$

$$\$1100 - \$110 = \$990$$

14. Answer: B

$y = x + 5$, and you were told that $x = -3$. Fill in the missing information for x , then solve.

$$y = (-3) + 5$$

$$y = 2$$

15. Answer: C

Let x stand for the amount that it would cost to make the 12-minute call. Solve with the following equation:

$$15/2.50 = 12/x$$

Cross multiply, as follows:

$$15 \cdot x = 2.50 \cdot 12$$

$$15x = 30.00$$

Divide each side by 15.

$$15x/15 = 30.00/15$$

$$x = \$2.00$$

16. Answer: E

Think of the numbers as they would be on a number line to place them in the correct order.

17. Answer: D

Rotational symmetry is defined as a figure that looks exactly the same after being rotated any amount. Answer choice D is the only example given that would stay the same if rotated.

18. Answer: D

You would write the negative square root of 100 as follows:

$$-\sqrt{100}$$

19. Answer: C

In this problem, if you do not know how to solve, try filling in the answer choices to see which one checks out. Many math problems may be solved by a guess and check method when you have a selection of answer choices.

$$27 - x = -5$$

$$x = 32$$

20. Answer: D

To estimate, round \$4.05 to an even \$4.00, then multiply by the number of people (15). The result is \$60.

21. Answer: A

Add the numbers with x together, as follows: $5x + 4x = 9x$

Add the y numbers, as follows: $-2y + y = -y$

Put the x and y numbers back into the same equation: $9x - y$.

22. Answer: B

To solve, line up the like terms, as follows:

$$\begin{array}{r} 3x^2 + x + 3 \\ + \underline{8x^2 + 5x + 16} \\ 11x^2 + 6x + 19 \end{array}$$

23. Answer: B

If you draw a vertical line down the center of the letter V, the two sides will be symmetrical.

24. Answer: D

Out of the twelve numbers, half are even. That means there is a 50% chance that the spinner will land on an even number.

25. Answer: C

To find perimeter, add the sides.

26. Answer: C

A straight line is 180° . Subtract to solve: $180^\circ - 45^\circ = 135^\circ$

27. Answer: A

Lines 1 and 2 are parallel. If the parallel lines continued on into infinity, they would never cross. To *intersect* means that the lines cross. *Bisect* means that a line cuts another line or figure in two equal halves. To *correspond* means to match.

28. Answer: E

The degree measurement for alternate interior angles is exactly the same. In the figure, there are two pairs of alternate interior angles: B and C; A and D.

29. Answer: D

An obtuse angle is one that is more than 90° (a right angle) and less than 180° .

Answer choices A, B and C are not angles. Answer choice E, angle B, is an acute angle since it is small than a 90° angle.

30. Answer: B

$410 \text{ ml} \times 4 \text{ containers} = 1640 \text{ ml}$

Change to liters: $1640 \div 1000 = 1.64$

Add the liter that was already in the pot: $1.64 + 1 = 2.64$ liters

31. Answer: E

To solve:

$$8 \times 1 = 8$$

$$8 \times 2 = 16$$

$$8 \times 3 = 24$$

$$8 \times 4 = 32$$

$$8 \times 5 = 40$$

32. Answer: E

There should be one number in the ones place, then all other numbers after the decimal. Count the numbers that have been moved past the decimal. That is the number that is placed in a superscript beside the number 10. If you then multiplied, you would be left with the original number.

33. Answer: A

Simplify the fraction by dividing both the numerator and the denominator by their greatest common factor. In this case, the greatest common factor is 11. When you do that, $44/99$ becomes $4/9$.

34. Answer: D

Snappy Twisters are the only ones that fall into the criteria listed in the question. The use of the words “no more than” is important to notice.

35. Answer: D

In math, a ray is a straight line extending out from a point. Answer choice C shows a straight line.

36. Answer: D

If all of the children are girls, and some of the girls like soccer, then some of the children must like soccer. None of the other statements can be deduced from the information given.

37. Answer: D

Find the common denominator for the two fractions so that you can compare them. You can use the common denominator of 45, as follows:

$$2/5 = 18/45$$

$$4/9 = 20/45$$

Look at the numerators: 18 and 20. The number halfway between them is 19, so the answer is $19/45$

38. Answer: D

You would need 7 cases because $15 \times 7 = 105$. You would have some extra room in the last case, but 6 cases would only give you room for 90 and you need to be able to fit 100 ring boxes into cases.

39. Answer: A

The fraction of $\frac{1}{2}$ is the same as 50%. None of the other fractions are equal to that.

40. Answer: A

$$250 \div 5 = 50$$

All of the other divisors leave a remainder, as follows:

$$250 \div 15 = 16 \text{ r. } 10$$

$$250 \div 20 = 12 \text{ r. } 10$$

$$250 \div 30 = 8 \text{ r. } 10$$

$$250 \div 75 = 3 \text{ r. } 25$$

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