

SET Q

Varsity Practice

2016 - 2017

AMERICAN LITERATURE

Team A: The first English-language poet in the American colonies was what woman, one of the original settlers of the Massachusetts Bay Colony?

Ans: (Anne) Bradstreet

Team B: Anne Bradstreet was given what epithet taken from the title of her first book of poetry, which had been taken to England and published without her knowledge?

Ans: "(The) Tenth Muse"

Toss Up: Bradstreet's most anthologized poem is written in 12 lines of closed couplets in iambic pentameter. It combines elements of Elizabethan love and hyperbole with Puritan themes. What is this poem with a 6-word title that is dedicated to Simon Bradstreet?

Ans: "To My Dear and Loving Husband"

MATH: 30 SECONDS: Use these two ordered pairs for all questions: A = (-1, 2) and B = (2, -2).

Team B: What is the length of line segment AB?

Ans: 5

Team A: What is the midpoint of line segment AB?

Ans: (1/2, 0) [Read as one-half, comma zero; also accept (.5, 0)]

Toss Up: If point B is the center of a circle and point A is a point on the circle, what is the area of the circle in terms of pi?

Ans: 25 (pi)

WORLD HISTORY

Team A: What name was given to the long-sought sea passage from the Atlantic to the Pacific Oceans, which was the goal of many early North American explorers?

Ans: Northwest (Passage)

Team B: The bridge that connects Staten Island with Brooklyn is named for what Italian-born French explorer who explored the Carolina coasts, reached New York, but never got farther than Maine in his quest to find the Northwest Passage?

Ans: (Giovanni) Verrazano

Toss Up: This English explorer made three trips to the New World in an attempt to discover the Northwest Passage, and his 1577 expedition journal contained the first drawing of a Native American kayak. His final trip ended in failure when his men extracted twelve tons of black ore near Baffin Island and took the ore to England because they believed it contained gold. When the ore proved worthless, this man escaped debtor's prison by helping to serve against the Spanish Armada. Who was this daring but nearly illiterate man, whose name now designates the bay that is a narrow inlet of the Labrador Sea on the southeast corner of Baffin Island?

Ans: (Martin) Frobisher

FINE ARTS: For these questions, answer with the name of the country whose art is being described.

Team B: This ancient civilization portrayed figures in profile but with the eye in full frontal position. What civilization's portrayals also appear to have two left feet?

Ans: Egypt(ian)

Team A: The art of this civilization covers at least eight millenia. Early works include rectangular bronze vessels called *fang ding*, while later periods included freestanding terra cotta figures. What civilization's art included some of the earliest known work done in bronze?

Ans: China

Toss Up: The earliest art works of this civilization come from the *Jomon* period, approximately 10,000 to 3,000 BCE. They consist mostly of clay pottery. *Dogu* are pottery pieces shaped like animals. Later art included *haniwa*, which are purposefully irregular cylindrical funeral markers. What civilization's modern art is known for its simplistic, minimalist forms?

Ans: Japan

LIFE SCIENCE

Team A: Give the name or the acronym: What disease of the lungs that is caused by a virus, is sometimes fatal, and first appeared in China in 2003 is considered to be the first new disease in the 21st century that could jump from animal to human hosts?

Ans: SARS or Severe Acute Respiratory Syndrome

Team B: What virus, that is named for a city in Huron County, Ohio, and is believed to be responsible for about 50% of all cases of gastroenteritis in the United States and 90% of non-bacterial gastroenteritis in the world, is often called the "cruise ship" virus?

Ans: noro(virus)

Toss Up: This term applies to several related viruses, including the one that causes SARS. Its name comes from the fact that when viewed in an electron microscope they appear to have a halo. Other than the rhinovirus, they are the second leading cause of the common cold. A new one that causes severe respiratory distress was isolated in 2013. What is this group of viruses, whose name comes from the Latin word for "crown"?

Ans: corona(virus)

ENGLISH/WORLD LITERATURE

Team B: The Abbey Theater, the national theater of Ireland, was founded in 1904 by Lady Gregory and what important Irish nationalistic poet whose works include "Sailing to Byzantium"?

Ans: (William Butler) Yeats [pronounced Yates]

Team A: Although he had already been produced in London, one of the playwrights who contributed to the Abbey was what writer of *Arms and the Man*?

Ans: (George Bernard) Shaw

Toss Up: One of the early playwrights whose reputation was established at the Abbey was this man, who is regarded as the first Irish dramatist to focus on the problems of the working class. He, himself, was from a genteel background but had embraced socialism. Who is this author of *Juno and the Paycock* and *The Plough and the Stars*?

Ans: (Sean) O'Casey

GOVERNMENT/ECONOMICS: These questions will deal with the 2015 Supreme Court case of *Glossip v Gross*, in which the Court ruled 5-4 that the use of midazolam is an acceptable method of capital punishment.

Team A: The dissenting opinion was written by which justice, who was appointed by President Obama in 2009 and is the first Latina to serve on the Court?

Ans: (Sonia) Sotomayor

Team B: The majority opinion was written by what justice who was appointed by President George W. Bush in 2006 and is, like Antonin Scalia, whose opinions he always seems to share, of Italian descent?

Ans: (Samuel) Alito

Toss Up: This one of the four dissenting judges wrote a separate concurring opinion in which he argued that the death penalty itself is a violation of the 8th amendment. He is a graduate of and former teacher at Harvard Law School. He was appointed by President Clinton in 1994. Who is the only male justice among the four who constitute the liberal wing of the Court?

Ans: (Stephen) Breyer

PHYSICAL SCIENCE

Team B: In the equation Momentum = m times v, for what does the v stand?

Ans: velocity

Team A: In the equation Work = F/d, for what does the d stand?

Ans: distance

Toss Up: When one uses a simple machine, generally, efficiency increases if this number is greater than one. What is the two-word term for the quantity that is obtained by dividing force of output by force of input?

Ans: mechanical advantage

WORLD GEOGRAPHY: These questions will deal with the world's richest nations as determined by the *World Almanac*. The formulation is based on the nation's GDP divided by its population.

Team A: The richest nation in the world, with a per capita income of nearly \$100,000 per person, is what Middle Eastern nation that in 2022 will become the first Arab nation to host the World Cup?

Ans: Qatar

Team B: Number two on the list is this tiny European nation, which has a per capita income of nearly \$90,000. It has a strong financial sector divided by a very small population. What is this grand duchy, which lost half its territory to Belgium in the 17th century?

Ans: Luxembourg

Toss Up: One of the most surprising nations on the list is this member of the European Union, whose economy has struggled at times, but it still has a per capita income of nearly \$46,000. The United States is its major market and the home of many immigrants who left this country in the 19th century. Coming in at 9th on the list is what Emerald Isle?

Ans: Ireland [do not accept Northern Ireland or any part of the UK]

AMERICAN HISTORY: Answer the following about John Brown's raid on Harpers Ferry.

Team B: Hoping to instigate a slave rebellion, Brown invited this woman to join him. Illness prevented what most effective conductor of the Underground Railroad from joining him?

Ans: (Harriet) Tubman

Team A: Brown also asked this abolitionist and escaped slave to join him, but what man refused to join because he felt the plan was foolish and doomed to fail?

Ans: (Frederick) Douglass

Toss Up: This Army lieutenant colonel was on leave from the 2nd U. S. cavalry that was stationed in Texas. President Buchanan assigned him to lead a group of Marines against Brown. Who was this man, who ended the Civil War as the commander of the Army of Northern Virginia?

Ans: (Robert E.) Lee

ALPHABET ROUND "N"

1. Popular saint whose feast day is December 6; he is the patron saint of Greece, Russia, and Sicily
2. TWO-WORD ANSWER: Popular name given to the 1642 Rembrandt painting whose actual title was the *Company of Captain Frans Banning Cocq*
3. MULTI-WORD ANSWER: Seminal collection of Robert Frost poetry published in London in 1914; it contains such masterpieces as "Mending Wall" and "Home Burial"
4. In math, another name for the "empty" set; usually written { } or \emptyset
5. Adverb that is *ahora* in Spanish and *jetz* in German
6. Brilliant French cavalry commander who rose from the ranks to be a field marshal; commanded French troops at Borodino and other famous battles, but returned to support Napoleon and was executed by firing squad after the defeat at Waterloo
7. Crime committed by parents who fail to meet legal financial obligations to their children; in Ohio, it can be punished with up to 18 months in prison and a fine of \$5,000
8. TWO-WORD ANSWER: City in Massachusetts that, along with Nantucket, was a center of America's whaling industry; in *Moby Dick*, the *Pequod* sets sail from this port
9. This word can alternately refer to a large, grey rain cloud or to a halo
10. Six-letter adjective that means quick and light in movement; a famous nursery rhyme says "Jack be ____, Jack be quick"
11. Any inflammation of the kidney
12. Twentieth century Russian dancer who defected to the West in 1961; best known for his partnership with Margot Fonteyn; helped turn male ballet dancers into featured performers rather than just support for the ballerinas
13. Philosophy most associated with Friedrich Nietzsche and the novels and stories of Ivan Turgenev; believe that all traditional morals and values are meaningless
14. Former British colony that became part of South Africa in 1910; home of the Zulus; now combined with KwaZulu
15. Nobel Prize winning economist who specialized in the "equilibrium" in game theory; subject of the movie *A Beautiful Mind*; died in May, 2015
16. TWO-WORD ANSWER: Utopian community founded in Indiana in 1825 by Robert Owen; although the Utopian community failed, the town remains
17. Inventor of basketball; awards named for him are given to the best women's and men's college basketball players each year
18. In debate, the side that opposes the affirmative
19. Famous ballet by Tchaikovsky about a girl named Clara who is transported to various lands by a Christmas decoration that comes to life
20. In Greek mythology, the food of the gods

ANSWERS TO ALPHABET ROUND "N"

1. Nicholas (St.) [accept various spellings]

2. *(The) Night Watch*

3. *North of Boston*

4. null (set)

5. now

6. Ney (Michel)

7. nonsupport

8. New Bedford

9. nimbus

10. nimble

11. nephritis

12. Nureyev (Rudolph)

13. nihilism or nihilist

14. Natal

15. Nash (John)

16. New Harmony

17. Naismith (James)

18. negative

19. *(The) Nutcracker (Suite)*

20. nectar

FINAL ROUND

1. This word that begins with "s" describes any joint of the body, such as the wrist, shoulder, knee, or hip, where a space exists between the bones that is filled with fluid. What is this type of joint, which is also the name of the fluid that fills the capsule between the bones?

Ans: synovial (joint)

2. What same last name was shared by American authors William, who wrote the novel *Naked Lunch*, and Edgar, who wrote several novels about a man who lived with apes?

Ans: Burroughs

3. What is the multiplicative inverse of the fraction a/b ?

Ans: b/a

4. What word that comes from the Greek words for "study" and "last things" is the religious area that is concerned with how history and the world as we know it will end?

Ans: eschatology

5. An alphabetical listing of all U. S. state capitals would list first what capital located on the Hudson River?

Ans: Albany (NY)

6. If a Frenchman is using a *cuillère*, what eating utensil does he have?

Ans: spoon

7. When this woman died at the age of 92 in 2005, she became the first woman to lie in state at the U. S. capitol. Who earned this honor for an action she undertook in Alabama in 1955?

Ans: (Rosa) Parks

8. In 1992, this English composer was knighted by Queen Elizabeth, and in 2006, he was named a Kennedy Center Honoree by George W. Bush. He has composed a Latin Requiem mass and a song cycle, but he is best known for his successful musicals. Whose works include "Don't Cry for Me, Argentina," and *The Phantom of the Opera*?

Ans: (Andrew) Lloyd Webber [allow clarification if "Lloyd" is not given]

9. In economics, this curve shows the trade-off between inflation and unemployment. What name is also the type of screwdriver that has a star-shaped point?

Ans: Phillips or Philips

10. Although it did not become a state until 1791, in 1777, this then territory claimed by New York, New Hampshire, and Massachusetts became the first part of the original colonial area to abolish slavery. What is this state, the home of Bernie Sanders and of Ben and Jerry's?

Ans: Vermont

11. The National Weather Service issues this kind of notice when conditions are severe enough to cause major inconveniences but not serious enough to issue a warning. What is this term, which tells of conditions that could become dangerous if one does not exercise caution?

Ans: advisory or advisories

12. Which Soviet leader finally removed Soviet troops from Afghanistan?

Ans: (Mikhail) Gorbachev

13. In November, Aung San Suu Kyi defeated Thein Sin to end fifty years of military rule in what country, where the election announcement was made in Yangon?

Ans: Myanmar [allow clarification on Burma]

14. Characters named Owen and Beru, who appear in the second and fourth books of the *Star Wars* series, are the uncle and aunt of which protagonist character?

Ans: Luke Skywalker [allow clarification if both names are not given]

15. This man, who died in 1997, is commonly regarded as the best-known scientist of the 20th century. Who was this cosmologist who wrote the book *Contact* and hosted the television series *Cosmos*?

Ans: (Carl) Sagan

16. Which U.S. president sent troops to overthrow Manuel Noriega in Panama?

Ans: George H.W. Bush [allow other designations as long as the correct Bush is identified]

17. The winner of the Carnegie Medal for best juvenile book of 1937 was this book, whose sequels developed more mature themes. What Tolkien novel follows the adventures of Bilbo Baggins?

Ans: (*The*) *Hobbit*

18. The first names of these artist brothers were Gentile and Giovanni. They are part of the Venetian School of Renaissance artists and helped paint the Doge's Palace there. Among their works are *Virgin and Child Enthroned with St. Francis* and *John the Baptist*. Who are these brothers, whose works are extremely detailed and make use of extensive ornamentation and light?

Ans: Bellini (brothers)

19. According to Homer, Circe advised Odysseus that he had to descend into Hades to consult what blind prophet of Thebes in order to obtain his way home?

Ans: Tiresias

20. Lhasa, whose name means "Holy City," is the spiritual center of what plateau, whose spiritual leader fled in 1959 and whose Buddhist population has been prosecuted and persecuted by their Chinese rulers?

Ans: Tibet