

AMERICAN LITERATURE

Team A: What Massachusetts poet, a member of a famous family of writers and astronomers, wrote the poem "For the Union Dead"?

Ans: (Robert) Lowell

Team B: What member of the Fugitives wrote "Ode to the Confederate Dead"?

Ans: (Allen) Tate

Toss Up: This poet, who served as an infantryman in the Confederate Army but developed tuberculosis while a POW in Maryland, was also an accomplished musician. He combines his musical talents and poetic talents in a number of poems written in an early form of sprung rhythm. While supporting himself and his family as a concert flutist, who wrote "The Symphony," "The Marshes of Glen," and "The Song of the Chattahoochee"?

Ans: (Sidney) Lanier

MATH: 60 SECONDS

Team B: Give your answer as an ordered pair: Find the center of an ellipse with the equation $9x^2 + 4y^2 - 18x + 16y - 11 = 0$

Ans: (1, -2)

Team A: Give your answer as an ordered pair: Find the vertex of a parabola with the equation $y^2 - 4x - 6y + 13 = 0$

Ans: (1, 3)

Toss Up: Give your answer as an ordered pair: Find the center of a hyperbola with the equation $x^2 - y^2 + 8x - 4y + 8 = 0$

Ans: (-4, -2)

WORLD HISTORY

Team A: In 1917, the Italian Army hauled artillery up mountains in excess of 10,000 feet in order to bombard what enemy, an Alpine neighbor?

Ans: Austria [accept Austro-Hungary]

Team B: The Italians were successful against the Austrians, but were quickly repulsed by German reinforcements led by what young officer, who would become the "Desert Fox" of World War II?

Ans: (Erwin) Rommel

Toss Up: The 1917 Italian rout at this city formed one of the most brutal chapters in an already brutal war. Taking place over a period of over three weeks, the attacks launched by combined German and Austro-Hungarian forces captured nearly all of the Italian artillery and took nearly 300,000 prisoners of war, many of whom surrendered willingly because of the incompetence of their commanders. Hemingway, who was a volunteer ambulance driver at this battle, describes it vividly as one of the major climaxes of *A Farewell to Arms*. What is the Allied name for this battle, which was known to the Axis powers as the Battle of Karfreit, the German name of the town where it began, a town which is now in Slovenia?

Ans: Caporetto [accept Karfriet] on an early buzz]

FINE ARTS: Identify these terms from Greek art.

Team B: These sculpted female figures that function as support columns are named for the women of a Spartan village who betrayed Sparta during the Persian Wars. What are these figures, the most famous of which are found on the Erechtheion at the Acropolis?

Ans: caryatid(s)

Team A: Corresponding to caryatids were these freestanding sculptures of young men and women. They were completely nude to emphasize youth. Give either the masculine or feminine form of the word that names these statues.

Ans: kore OR kouros

Toss Up: Created around 470 BCE, *Kritios Boy* is an important statue because it is the first known work to demonstrate this quality, in which the figure is made more alive by having the weight shifted to one side with the hips tilted. What term is given to this position, which translates to mean "counterpose"?

Ans: contrapposto

LIFE SCIENCE

Team A: The oldest known plants on Earth are members of what tree family that may have been around more than 270 million years ago, is extensively cultivated in China, and of which the biloba variety is the only species left?

Ans: ginko

Team B: The tallest living species on Earth is what tree found exclusively on the Pacific Coast of North America?

Ans: (giant) redwood [Do NOT accept or prompt on sequoia]

Toss Up: More than 38 known members of this family of flowering plants, whose flowers are so small that they can be seen only through a microscope, are found floating on the water in temperate climates across Earth and are considered to be the smallest flowering plants on the planet. They average 1/42 of an inch in length, 1/85 of an inch in width, and weigh about as much as two grains of salt. They go by various names, one of which suggests an aquatic bird and another a lupine mammal. What is the name of these smallest flowering plants?

Ans: duckweed OR wolffia OR water-meal [accept any of the three]

ENGLISH/WORLD LITERATURE

Team B: What famous play by Henrik Ibsen makes one of the strongest feminist statements of the 19th century in its revelations about the marriage of Nora and Torvald Helmer?

Ans: (A) *Doll's House*

Team A: One Ibsen's strangest plays is what work about a fourteen-year-old girl named Hedvig Ekdal who spends much of her time in the attic of the family home where her companion is what title undomesticated waterfowl?

Ans: (The) *Wild Duck*

Toss Up: This later Ibsen play focuses on the relationship between Mrs. Alving and her son Oswald, on Mrs. Alving's attempts to shield Oswald from learning the truth about his late immoral father, and about Oswald's love for Regina, who he later discovers is his illegitimate sister. What is this play with a one-word title that could easily be called "Phantoms" or "Spirits"?

Ans: *Ghosts*

GOVERNMENT/ECONOMICS

Team A: During the debates at the Constitution Convention, what New Yorker was the leading advocate for a strong central government?

Ans: (Alexander) Hamilton

Team B: Although he, himself, was not present at the Convention, what Virginian and future president was the leader of those advocating weak central government with more local control?

Ans: (Thomas) Jefferson

Toss Up: These two states were among the most opposed to the form of the Constitution; both eventually ratified it. Among their primary objections were their opposition to the equal representation in the Senate. What were these two most populous states?

Ans: New York and Virginia [either order]

PHYSICAL SCIENCE

Team B: What sub-branch of physics is the field that deals with the movement of air and other gases?

Ans: aerodynamics

Team A: When the speed of a moving fluid, such as wind, increases, the pressure of that fluid also increases. This is an application of what Swiss physicist's principle?

Ans: (Daniel) Bernoulli('s)

Toss Up: While working with tubes of different diameters, Bernoulli discovered this other principle, which states that the speed of flow of a fluid increases as the diameter of the tube decreases. This principle is known by what word that begins with "c"?

Ans: continuity (principle)

WORLD GEOGRAPHY: In 2010, *Daily Finance* published a list of countries to which white collar criminals might want to flee, not just because they lack extradition treaties with the U. S., but also because they offer a relatively comfortable lifestyle. Identify the following:

Team A: Number one of the list is what former Yugoslavian republic that lies on the Adriatic and, according to the *Daily Finance*, offers a low cost of living as well as a stable government and the old world beauty of its capital, Zagreb?

Ans: Croatia

Team B: Number two is what former Soviet republic that has, according to *Daily Finance*, a primitive beauty in its steppes and grassland regions and a beautiful capital city of Astana?

Ans: Kazakhstan

Toss Up: Number five on the list is this "constitutional democratic monarchy" in the Himalayas. *Business Week* rated it the "happiest" country in Asia and the eighth happiest in the world. Buddhism is the most-practiced religion followed closely by Hinduism. Thimphu is the capital and largest city in what country?

Ans: Bhutan

AMERICAN HISTORY: Answer the following about Civil War general Stonewall Jackson.

Team B: Jackson gained his first combat experience in what war?

Ans: Mexican (War)

Team A: In 1852, Jackson left the military to take a position as a professor at what Virginia college in Lexington? You may give your answer as an abbreviation.

Ans: VMI or (Virginia) Military Institute

Toss Up: Even military historians have trouble trying to explain Jackson's 1862 accomplishment that took place in this valley. Over a period of 48 days, he marched his army of 18,000 men 676 miles while fighting and winning five battles. In the process, he cut off what Virginia valley and kept reinforcements from reaching McClellan who was fighting on the Virginia peninsula?

Ans: Shenandoah (Valley)

ALPHABET ROUND "K"

1. Modernist Czech writer whose works in *The Trial* and *The Metamorphosis*
2. In the Hindu and Buddhist faiths, this is the sum of a person's actions in this and previous lives which will determine his fate in future lives
3. Besides New Jersey, the only U. S. state that ends in "y"
4. Organized profile of a person's chromosomes
5. Most revolutionary economist of the 20th century; his theories are the basis for most social welfare programs
6. *Showboat* was the most successful musical written by this composer, whose songs include "Smoke Gets in Your Eyes"; often collaborated with Oscar Hammerstein II
7. This same word can refer to a shape-shifting water spirit in Scottish legend or to an Australian dog bred for herding
8. In Anglo-Saxon literature, this literary device was a figure of speech that used a description in place of a common noun; In *Beowulf* the sea is called the "whale road"
9. Title taken by the rulers of Egypt from 1867 to 1914; served as a viceroy for the Turkish sultan
10. On the popular TV show *M*A*S*H*, this character from Toledo constantly sought to escape the army by wearing dresses and pretending gender confusion
11. Hardy member of the cabbage family whose spreading leaves do not form heads; popular in healthy cuisine despite somewhat bitter taste
12. Plaintiff in 1944 landmark Supreme Court case that upheld the legality of Japanese internment camps
13. TWO-WORD ANSWER: The so-called Wildcat formation in football originated at this university located on the Great Plains
14. This branch of both chemistry and biochemistry is concerned with studying the rates of reactions
15. This nation, which joined the U.N. in 1999 is an atoll in the central Pacific whose capital is South Tarawa
16. Tenth letter of the Greek alphabet
17. Swiss-German painter whose works included cubism, expressionism, and surrealism; best known works are *Red Bird* and *Twittering Machine*
18. American reformer who overcame multiple handicaps to write *The World I Live In*; subject of the Broadway play *The Miracle Worker*
19. Danish philosopher who is often cited as the first to write of existentialism
20. First true "school" of American romantic literature; included Irving, Cooper, and Bryant

ANSWERS TO ALPHABET ROUND "K"

1. Kafka (Franz)
2. karma
3. Kentucky
4. karyotype
5. Keynes (Sir John Maynard)
6. Kern, (Jerome)
7. kelpie
8. kenning
9. khedive
10. Klinger (Max)
11. kale
12. Korematsu (Fred)
13. Kansas State [must be complete and only acceptable answer]
14. kinetics
15. Kiribati
16. kappa
17. Klee (Paul)
18. Keller (Helen)
19. Kierkegaard (Søren)
20. Knickerbocker (School)

FINAL ROUND

1. Illnesses such as measles, whooping cough, and pneumonia were among the chief causes of the nearly 4,000 deaths that occurred among the nearly 17,000 people forced on this journey in 1838. Under the eye of troops led by General Winfield Scott, Native Americans from several tribes, most notably the Cherokee, were forced to travel from the Southeast to what is now Oklahoma. Because they did not want to go, and because so many died, what name is given to this forced evacuation?

Ans: Trail of Tears

2. In this 1670 Moliere ballet comedy, a middle class boor named Monsieur Jourdain is determined to become a gentleman. In the process, he denies his daughter's suitor the right to marry her because he is a commoner, but grants it when the commoner dresses like a Turkish prince and spouts pseudo-Turkish. What is this work, which contains the French word for commoner in the title?

Ans: *(The) Bourgeois Gentleman* [also accept *Le Bourgeois Gentilhomme*]

3. The first step in the process for making this art form is to add metal oxides to the molten material and then create images by using black enamel paint and fusing it to the material by firing it. Then the pieces are arranged on a flat surface and placed in a framework made of lead. What is this medium, which is often found in churches and was an important element in Gothic cathedrals?

Ans: stained glass

4. From 1893 to 1900, the city of Grand-Bassam was the capital of this northwest African country. From 1900 to 1933, the capital was Bingerville until it moved to Abidjan, where it remained from 1933 to 1983. Since 1983, Yamoussoukro has been the capital of what country whose official name is usually given in French?

Ans: Cote d'Ivoire OR Ivory Coast

5. This expression of an intent to improve first appeared in 1570 in a work by Roger Ascham, but it is more commonly attributed to a line in Cervantes in 1605. The final word in the expression refers to a book and not to a tree. What is this expression, that usually contains five words?

Ans: turning over a new leaf [accept to turn over a new leaf]

6. This symbol first began appearing as a symbol of Judaism as early as the tenth century. Around the 17th century, it began appearing in synagogues and on tombstones. It is officially known as the Magen David, but this six-pointed symbol is more commonly known by what name?

Ans: Star of David [accept Magen David if given on an early buzz]

7. This island in the southern hemisphere is home to four of the ten largest trees on Earth. One is on New Guinea and the remaining five are all in the United States. What is this island state of Australia, that is the home of "Centurion," the second tallest tree in the world?

Ans: Tasmania [allow clarification on Australia on an early buzz]

8. This poetic form consists of five lines, in which the first, second, and fifth rhyme and are iambic trimeter, while lines three and four rhyme in iambic dimeter. What is this form, named for a county in Ireland?

Ans: Limerick

9. "Diamant" is both the French and German words for this highly prized gem stone. What is this stone, which ranks as a 10 on the Mohs Scale?

Ans: diamond

10. This term that begins with "eye" can refer to any language such as Latin, French, or German in which word forms change depending on the function of the word in a sentence. In speech, it refers to the ability to alter the pitch of the voice. What is this 10-letter word?

Ans: inflection [accept "inflected" on an early buzz]

11. The title of this novel is explained that concern for one's safety in combat was the act of a rational mind, but if one was crazy, one could be grounded. However, as soon as a flier asked to be grounded, he was judged to be rational and forced to fly more missions. What is this title, which has become a way of expressing the situation of being caught in a paradox and comes from the most famous novel by Joseph Heller?

Ans: *Catch-22*

12. This unit of measure is rarely used except with produce and in a famous tongue-twister. What is this unit of dry volume, four of which make a bushel?

Ans: peck

13. This three-letter word means "I [eye]" in Latin. In psychology, it is one of the three phases of personality, specifically the one that is the conscious repression of the id. What is this word, which can also be applied to a person's vanity?

Ans: ego

14. In November, 2015, England won this Cup for the first time since 1936. Andy Murray was instrumental in helping the Brits win what award given to the winner of international team tennis?

Ans: Davis (Cup)

15. This is the only U. S. state whose flag contains the Union Jack in the upper left corner. What is this state, which was extensively explored by Captain James Cook who was killed there in 1779?

Ans: Hawaii

16. When this three-letter word is spelled with a middle "e" as the vowel, it refers to a title for a provincial governor of the Ottoman Empire. More commonly, it is spelled with an "a" as the middle vowel. As a verb, it can mean a deep, prolonged bark. As a noun, what word can also refer to an inlet of the ocean?

Ans: bay or bey

17. This western Semitic god of storms eventually made his way into Egyptian mythology as well. His symbol is a bull. Who is this god with a four-letter name, who also appears as false god in the Bible and whose name is now often found in the names of people and places in the Middle East?

Ans: Baal

18. This man, considered the foremost musical composer in American during the Colonial period, was friend of both Sam Adams and Paul Revere. Although he had no formal training, he wrote hundreds of hymns and some patriotic songs as well. His most famous are "When Jesus Wept" and "David's Lamentation." Who is this man, who shares his last name with the largest city in Montana?

Ans: (William) Billings

19. Keith Faber of Celina, Ohio holds this important position in the Ohio General Assembly. What is this position, which was formerly held by the lieutenant governor until 1978, when state law combined governor and lieutenant governor into a single ticket?

Ans: President of the(Ohio) Senate [prompt on a partial answer]

20. This ruler of the 14th century earned the epithet "the Terrible" because of his barbarism and his success as a military conqueror. From an original base in what is now Uzbekistan, he eventually conquered Iraq, Armenia, Mesopotamia, Georgia, Russia, and parts of India. Who was this ruler, who died in 1405 while trying to invade China?

Ans: Tamerlane [also accept Timur]