

12/7/16



SET N

Varsity Practice

2016 - 2017

AMERICAN LITERATURE: Miss Pross, who teaches American literature, has given her students the assignment to write a story in the style of their favorite authors. Identify the following authors who are being imitated.

Team A: Marie writes a story in short, declarative sentences that use a great deal of imagery but almost no similes or metaphors. She has strong male characters but weak females. Her male characters, one of whom is named Nick, are stoic sufferers who show courage and endurance.

Ans: (Ernest) Hemingway

Team B: Jeff uses past and present as if they were parallel planes of existence. His plot line curves back and forth between the two, so that sometimes time period is indistinguishable. His story is set in the deep South, and his characters have names like Snopes and Compson.

Ans: (William) Faulkner

Toss Up: Edward's story has no specific setting, but he does describe the color of the sky and the land around the characters. The characters themselves are identified by characteristics rather than names. His dialogue is realistic, his imagery is impressionistic, and his attitude is naturalistic.

Ans: (Stephen) Crane

MATH: 30 SECONDS: Evaluate the following:

Team B: $\frac{1}{2} \log 100$ [Read as one-half the common log of 100]

Ans: 1

Team A: $\frac{2}{3} \log \text{ of } 1000$ [Read: two-thirds common log of 1000]

Ans: 2

Toss Up: $2 \ln e^3$ [Read: 2 times the natural log of e cubed]

Ans: 6

WORLD HISTORY: All the answers in this category will consist of two words and will deal with acts of international terrorism that occurred prior to 2001.

Team A: In 1972, what Arab terrorist organization kidnapped and executed eleven Israeli athletes at the Munich Olympics?

Ans: Black September

Team B: In 1985, the PLO hijacked what Italian cruise ship and executed a wheelchair-bound American Jew?

Ans: *Achille Lauro*

Toss Up: On December, 1988, 270 people died when a bomb on a plane belonging to this airline exploded over Lockerbie, Scotland. Although the full extent of the conspiracy was never fully discovered, a Libyan intelligence agent was tried for the crime. The airline never recovered, and went bankrupt in 1991. What was this airline, which was also fined by Congress for its lax security procedures?

Ans: Pan American [accept Pan Am]

FINE ARTS

Team B: Often regarded as the greatest jazz trumpeter of all time is what man, whose nickname was "Satchmo," and for whom the airport in his hometown of New Orleans is named?

Ans: (Louis) Armstrong

Team A: Often ranked just behind Armstrong is this man who was in the forefront of several jazz movements including bebop and cool jazz. Whose 1959 album *Kind of Blue* is often regarded as the greatest jazz trumpet album ever produced?

Ans: (Miles) Davis

Toss Up: This man, who taught Miles Davis and began rivaling Armstrong as the greatest jazz trumpeter, became famous for his "scat" singing and for his style of puffing his cheeks when playing trumpet. He helped develop bebop, and he was active in the Civil Rights Movement. Who was this man, whose famous nickname came from his zany behavior on stage?

Ans: (Dizzy [John]) Gillespie

LIFE SCIENCE: These questions will focus on the oldest known living cultured cells, the HeLa cell line.

Team A: The HeLa line contains the first human cells to survive in a test tube. What two word Latin expression that means "in glass" describes any experimentation involving living cells that takes place outside the body?

Ans: *in vitro*

Team B: The HeLa line is named for Henrietta Lacks, who died from a form of cancer that occurs only in women. What is this form, that her cells helped scientists determine is caused by the papilloma virus?

Ans: cervical (cancer)

Toss Up: In 2013, scientists discovered this new phenomenon when they did a detailed sequence of the genome of the HeLa line. This phenomenon occurs when chromosomes are arranged in the wrong order or have too many or too few genes. What name did they give to this phenomenon, now believed to be responsible for two to three percent of all cancers?

Ans: (chromosome) shattering

ENGLISH/WORLD LITERATURE

Team B: What lengthy poem of the late 13th century finds the poet Dante being led through hell ?

Ans: (*The*) *Inferno* [allow clarification on *The Divine Comedy*]

Team A: Dante's guide on this journey is what Roman poet and author of *The Aeneid*?

Ans: Virgil

Toss Up: *The Inferno* makes use of this poetic form that Dante invented. It consists of three-lined stanzas that rhyme in an aba, bcb, cdc, etc. pattern. Chaucer introduced this form to English poetry and established the convention that in English, it usually makes use of iambic pentameter. Shelley adapted it to the sonnet form in "Ode to the West Wind." What is this form with a two-word Italian name that means "third rhyme"?

Ans: terza rima

GOVERNMENT/ECONOMICS

Team A: J. M. Harlan, whose family had been slaveholders in Kentucky, was the only justice to dissent in what 1896 landmark Supreme Court Case that permitted segregation to remain in place for another half century?

Ans: *Plessy v Ferguson* [must be complete and in this order]

Team B: Many of the elements of segregation in the South took the form of what laws which were named for a character in a minstrel show?

Ans: Jim Crow (Laws)

Toss Up: Like the Jim Crow laws, these laws were passed by southern states immediately after the Civil War to restrict the rights of the newly freed slaves. They included very tough vagrancy laws that allowed Negroes to be imprisoned for minor offenses. They also restricted Negro ability to own businesses and property, to move about freely, and to participate in the economy. By what two-word name were these laws known?

Ans: Black Codes [ONLY acceptable answer]

PHYSICAL SCIENCE

Team B: Also called the "Real Force," what physical force causes objects to follow a circular path?

Ans: centripetal (force) [only acceptable answer]

Team A: Also called the "fictitious force," what force appears to draw rotating objects away from the axis point?

Ans: centrifugal (force) [only acceptable answer]

Toss Up: This force is named for the 19th century French mathematician who first explained it. It is caused by the fact that the Earth rotates more rapidly at the equator than at the poles. What is this force that causes winds to deflect in a clockwise motion in the Northern Hemisphere and in a counter-clockwise direction in the Southern Hemisphere?

Ans: Coriolis (effect)

1950-1951

1952-1953

1954-1955

1956-1957

1958-1959

1960-1961

1962-1963

1964-1965

1966-1967

1968-1969

1970-1971

1972-1973

1974-1975

1976-1977

1978-1979

1980-1981

1982-1983

1984-1985

1986-1987

WORLD GEOGRAPHY

Team A: What third largest archipelago in the Pacific is an island group named for a Biblical king and includes the island of Guadalcanal?

Ans: Solomon (Islands)

Team B: Guam is the largest of what group of islands that is an unincorporated US territory and shares its name with a deep Pacific trench?

Ans: Marianas

Toss Up: The motto of this island, an unincorporated US territory, is "Where America's day really begins." It is one of the most isolated islands in the world, whose closest inhabited neighbor is a small atoll in the Marshall Islands which is nearly 600 miles away. During World War II, it was the first American territory conquered by the Japanese, and it remained in Japanese control until the end of the war. Today, it is officially under the protection of the US Air Force. What is this island, with a four-letter name?

Ans: Wake

AMERICAN HISTORY

Team B: One cause of the War of 1812 was the damage done to American shipping by a British naval blockade of what other country, one of the US's major markets?

Ans: France

Team A: A second cause was what practice of the British navy which led them to board American ships and take crewmen whom they claimed were British?

Ans: impressment [accept impressing or forms of the word]

Toss Up: An ultimate cause was the failure of the Erskine Agreement made between the British minister to the US and this future president. The agreement that the British navy would suspend impressment and its blockade was withdrawn when Erskine was recalled to England. Who was this then secretary of state, who was president when the war eventually broke out?

Ans: (James) Madison

ALPHABET ROUND "N"

1. A birth, particularly as applied to the birth of Jesus
2. 19th century American illustrator and cartoonist credited with creating the Democratic donkey and the Republican elephant
3. This 1996 novel, a somewhat saccharine tale about the love of Noah Calhoun and Allie Nelson over several decades, was the first successful novel for Nicholas Sparks
4. HYPHENATED ANSWER: Type of geometry that is elliptic or hyperbolic rather than plane
5. English word that is "nacht" in German and "nuit" in French
6. Notorious Roman emperor from 54 to 68 AD, nephew and heir of Claudius
7. MULTI-WORD ANSWER: 1992 Supreme Court case in which a federal judge who had been impeached by the House argued that he should not be tried in the Senate; Court ruled 9-0 that the Senate had jurisdiction
8. City on the Merrimack River that is the second largest city in both New Hampshire and all of the three most northern New England states
9. Noble gas with atomic number 10
10. 18th-19th century French inventor now recognized as having created the first photograph; later sold his process to Louis Daguerre
11. The name of Captain Nemo's ship in *Twenty Thousand Leagues Under the Sea*
12. In ecology, this refers to the specific position or function of an organism in a community; in economics, it refers to a market that has appeal for a specific buyer community
13. MULTI-WORD ANSWER: One of the first movies selected for preservation by the Library of Congress, this 1922 Robert Flaherty film about an Inuk native of the Canadian Arctic is now generally recognized as the first full-length documentary film
14. Westernmost of the Swiss cantons whose name comes from the French words for "new" and "castle"
15. TWO-WORD ANSWER: Term applied to the theories of John Maynard Keynes to stress their contrast to older theories such as laissez faire
16. Movement among African Americans that gave way to the NAACP in 1910; opposed to the theories of Booker T. Washington, who stressed self-advancement, this movement placed responsibility for racial inequities on the white population
17. Current quarterback for the Carolina Panthers who, in one year at Auburn, became the only player to win the Heisman, win a national championship, and become the number one draft pick
18. The four-letter word can mean "tidy," "smart," or a drink served without ice
19. The basic unit of any musical scale
20. Sea nymphs of Greek mythology

1. The first step in the process is to identify the problem.

2. The second step is to gather information about the problem.

3. The third step is to analyze the information and determine the cause of the problem.

4. The fourth step is to develop a plan of action to solve the problem.

5. The fifth step is to implement the plan and monitor the results.

6. The sixth step is to evaluate the results and make adjustments as needed.

7. The seventh step is to document the process and results for future reference.

8. The eighth step is to communicate the results to the relevant stakeholders.

9. The ninth step is to review the process and make improvements as needed.

10. The tenth step is to ensure that the problem is solved and the process is effective.

11. The eleventh step is to celebrate the success of the process.

12. The twelfth step is to share the results with the wider organization.

13. The thirteenth step is to learn from the experience and apply the lessons learned.

14. The fourteenth step is to ensure that the process is sustainable and effective.

15. The fifteenth step is to continue to monitor and improve the process.

16. The sixteenth step is to ensure that the process is aligned with the organization's goals.

17. The seventeenth step is to ensure that the process is transparent and accountable.

18. The eighteenth step is to ensure that the process is flexible and adaptable.

19. The nineteenth step is to ensure that the process is efficient and effective.

20. The twentieth step is to ensure that the process is continuous and ongoing.

21. The twenty-first step is to ensure that the process is inclusive and collaborative.

22. The twenty-second step is to ensure that the process is data-driven and evidence-based.

23. The twenty-third step is to ensure that the process is results-oriented and focused on outcomes.

24. The twenty-fourth step is to ensure that the process is simple and easy to understand.

25. The twenty-fifth step is to ensure that the process is scalable and replicable.

26. The twenty-sixth step is to ensure that the process is sustainable and long-term.

27. The twenty-seventh step is to ensure that the process is aligned with the organization's values and mission.

28. The twenty-eighth step is to ensure that the process is transparent and open.

29. The twenty-ninth step is to ensure that the process is flexible and adaptable.

30. The thirtieth step is to ensure that the process is continuous and ongoing.

ANSWERS TO ALPHABET ROUND "N"

1. Nativity
2. Nast (Thomas)
3. (*The*) *Notebook*
4. non-Euclidean
5. night
6. Nero
7. *Nixon v United States* [must be complete and in this order; also accept *Nixon v U.S.*]
8. Nashua (NH)
9. neon
10. Niepce (Joseph Nicephone)
11. *Nautilus*
12. niche
13. *Nanook of the North* [must be complete and exact]
14. Neuchatel
15. (the) New Economics
16. Niagara (Movement)
17. Newton (Cam or Cameron)
18. neat
19. note
20. nereid(s)

FINAL ROUND

1. As a noun, this five-letter word is synonymous with a defect. As a verb, it means to blame. What is this word, which in geology refers to a break in a vein of rock, and in tennis occurs when a serve fails to land in the proper part of an opponent's court?

Ans: fault

2. The world's most visited mountain is what sacred volcano, which is also Japan's most popular tourist attraction?

Ans: (Mt.) Fuji [also accept Fujisan or Fujiyama]

3. What word beginning with "a" refers to a pressurized vessel that uses superheated steam to sterilize materials and equipment such as surgical instruments?

Ans: autoclave

4. France ceded Newfoundland, Acadia, and the Hudson Bay to England as a result of what treaty that ended Queen Anne's War or the War of the Spanish Succession?

Ans: (Treaty of) Utrecht

5. What adjective is applied to followers of Judaism who are stricter than Conservative Jews in their adherence to the Torah?

Ans: Orthodox (Jews)

6. Goneril is the daughter of what Shakespeare title character?

Ans: (King) Lear

7. What is the greatest common factor of 14, 28, and 49?

Ans: 7

8. In October, 2015, what other large retail pharmacy chain purchased Rite Aid for a reported price of 17.2 billion dollars?

Ans: Walgreens

9. This 1969 movie with a two-word title became a cult classic among the disenfranchised baby boomers of the era. It begins when two motorcyclists played by Peter Fonda and Dennis Hopper sell a large quantity of cocaine to a dealer and then head to Texas, where they are jailed and meet up with a drunken attorney played by Jack Nicholson. Considered a classic of the counterculture and added to the Library of Congress' list of important films is what movie in which Peter Fonda's character is nicknamed "Captain America" and in which the two main characters appear to die at the end?

Ans: *Easy Rider*

10. In 1770, what famous Handel oratorio was first performed in America?

(*The*) *Messiah*

11. Fought in 31 BCE was this battle, which brought Egypt under the control of Rome. What was this battle, in which the forces of Octavian defeated those of Marc Antony and Cleopatra?

Ans: Actium

12. What literary term refers to the placement of opposites in parallel positions, as when Whitman writes, "I am the poet of the body, and I am the poet of the soul"?

Ans: antithesis [prompt on parallelism]

13. The name of this element is Greek for "green." It is a greenish-yellow colored gas that is a member of the halogen group. What is this element, whose chemical symbol is Cl?

Ans: chlorine

14. What is the meaning of the Jewish toast, "Le Chayim"?

Ans: "To life"

15. When this drama was selected to win the 1962 Pulitzer Prize, the Pulitzer Committee overrode the selection because they thought the play was too "unwholesome." Half the panel of voters resigned in protest and no award was given, but the Tony went to what Edward Albee drama about two fighting couples, whose title includes the name of an important British novelist?

Ans: *Who's Afraid of Virginia Woolf?*

16. Huitzilopochtli [HOOT zil ah POCHT lee] is the god of war in what ancient Mesoamerican culture?

Ans: Aztec

17. By what acronym is the law whose official title is "Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism" better known?

Ans: Patriot Act [prompt on partial answer]

18. What 19th century literary magazine was the primary vehicle for the works of the Transcendentalists?

Ans: *(The) Dial*

19. Considered the world's shortest river is the D River, which is only 120 feet long but connects Devil's Lake to the Pacific Ocean in what US state, where the much longer Willamette River is also found?

Ans: Oregon

20. What Italian word for "smoky" is used to designate a style of painting such as used by Leonardo in the *Mona Lisa*, in which there are no lines to delineate the subjects in the painting, and the foreground and background seem to blend?

Ans: sfumato