

Alpha 11/15/16
Final 11/15/16

SET K

Varsity Practice

2016 - 2017

AMERICAN LITERATURE: Identify the following authors, all of whom were born in Ohio. Give the name under which the author wrote his/her most famous works.

Team A: Born in Lorain was what woman, who won the Nobel Prize in Literature in 1993 and won the Pulitzer Prize for *Beloved*?

Ans: (Toni) Morrison

Team B: Born in Columbus was what man, sometimes called the "Stephen King of Children's Literature," whose best-known works include *Goosebumps*?

Ans: (R. L. [Robert]) Stine

Toss Up: Also born in Columbus was this short story writer and cartoonist, whose vivid imagination is sometimes attributed to visual hallucinations that he suffered as a result of near total blindness caused when he was hit in the eye by an arrow while playing "William Tell" with his brother as a child. His father, an often-unemployed dreamer with political ambitions, was the model for several of his stories, many of which were published in the *New Yorker*. Who is this man, whose most anthologized work is "The Secret Life of Walter Mitty"?

Ans: (James) Thurber

MATH: 10 SECONDS: Give the exact values of the following:

Team B: $\sin 315$ degrees [Read: the sine of 315 degrees]

Ans: $-\sqrt{2}/2$ [the negative square root of two over two]

Team A: $\cos 240$ degrees [Read: cosine of 240 degrees]

Ans: $-1/2$

Toss Up: $\cot 150$ degrees [Read: cotangent of 150 degrees]

Ans: $-\sqrt{3}$ [negative square root of 3]

WORLD HISTORY

Team A: What two Germanic tribes, one from what is now northern Germany and the other from the Jutland Peninsula, gave their names to the oldest distinct period of British history?

Ans: Angles and Saxons [either order] [prompt on Anglo-Saxon]

Team B: Also essentially Germanic, what tribe ousted the Franks from northern France and invaded England in the 11th century AD?

Ans: Norman(s)

Toss Up: This English dynasty descended from the Normans, and their name is an English pronunciation of a French name. Henry II is considered to be the first monarch of this dynasty who was distinct from the Normans. What is this dynasty, which was split by the Wars of the Roses?

Ans: Plantagenet

FINE ARTS: Identify the following types of intaglio printmaking.

Team B: In this form, the artist uses a sharp tool called a "burin" to cut lines into a metal plate which is then inked and pressed onto paper. What is this form of printing, which was traditionally popular for formal occasions such as wedding invitations?

Ans: engraving [allow clarification on "dry point"]

Team A: In this form, the artist covers a metal plate with an acid-resistant ground layer and then draws the design into the ground before submerging the plate in an acid bath that eats away the exposed metal. What is this form of printing, which often produces extremely detailed prints?

Ans: etching [allow clarification on "dry point"]

Toss Up: This form of intaglio was first invented in the 18th century to allow areas of different tone or value. It is a form of etching in which the metal plate is covered with rosin and is heated before submersion in the acid bath. It then uses an acid-resistant varnish to create areas of white on the print. What is this form of etching which includes the Latin word for "water" in its name?

Ans: aquatint

LIFE SCIENCE

Team A: In 1665, what curator of the Royal Society of London was the first person to identify and name cells?

Ans: (Robert) Hooke

Team B: In 1831, British botanist Robert Brown was the first to identify what central structure of the cell?

Ans: nucleus

Toss Up: In 1888, German biologist Wilhelm von Walder-Hartz named these threadlike structures in the nucleus of living cells. What are these gene-carrying bodies responsible for transmitting heredity?

Ans: chromosome(s)

ENGLISH/WORLD LITERATURE [NOTE TO READER: Do your best with phonetic pronunciation of Team B questions.]

Team B: The Babylonian poet Sin-liqe-unninni is largely responsible for piecing together fragments of clay tablets to produce the first coherent manuscript of what ancient Mesopotamian epic about a ruler of Uruk?

Ans: (*The Epic of*) *Gilgamesh*

Team A: When the manuscript of *Gilgamesh* was rediscovered in 1839, it generated great interest because of its parallels to the Bible, especially a similar account of what kind of natural disaster is also described in *Genesis*, chapters 6-9?

Ans: flood [accept deluge or similar]

Toss Up: The earliest accounts of *Gilgamesh*, some of which go back to about 2800 BCE, were written in this alphabet. Using a wedge-shaped stylus, the Sumerians created this alphabet more than five millennia ago. What is this alphabet, which consisted of impressions made into wet clay?

Ans: Cuneiform

GOVERNMENT/ECONOMICS

Team A: Which Founding Father served as president of the Constitutional Convention?

Ans: (George) Washington

Team B: What Founding Father was given the title "Father of the Constitution," even though he personally did not write a single line of the document?

Ans: (James) Madison

Toss Up: This New York politician and diplomat relied heavily on the notes that James Madison kept during the Constitutional debates when he wrote the majority of the wording of the Constitution. Who was this man, who represented Pennsylvania at the Convention, whose first name, Gouverneur, was the maiden name of his mother, a loyalist who allowed the British army to use their home in New York as headquarters?

Ans: (Gouverneur) Morris

PHYSICAL SCIENCE

Team B: A device called a "gnomon," [NO mon] a stick stuck in the ground so that the position of its shadow could be measured, was the first primitive form of what early clock?

Ans: sundial

Team A: The clepsydra kept time by measuring the inflow or outflow of liquids. Although the liquid can vary, such instruments are known by what two-word name?

Ans: water clock(s)

Toss Up: The first truly accurate clock was devised in 1656 by this Dutch scientist and mathematician. Using the theories of Newton and Leibniz, he used the pendulum as a means to regulate his clock. Who was this scientist, who is also credited with having discovered the rings of Saturn?

Ans: (Christian) Huygens [pronounced HOY jens, but be generous]

WORLD GEOGRAPHY

Team A: Running along the northern section of the United States is what longest interstate highway?

Ans: (I or Interstate) 90

Team B: Running along the east coast is what longest north-south interstate highway?

Ans: (I or Interstate) 95

Toss Up: The massive intersection of I-90 and I-95 is in Weston in this state. I-90 is part of this state's turnpike. Near the intersection, it crosses the Charles River. In what state do these interstates form a beltway around Beantown?

Ans: Massachusetts

AMERICAN HISTORY

Team B: Both Abraham Lincoln and Jefferson Davis fought in what brief Indian war that was fought in Illinois and Wisconsin in 1832 and is named for the Sauk chief who led the Native American forces?

Ans: Black Hawk (War)

Team A: Fought between 1816 to 1858 were three wars fought in Florida that are named for what Indian nation led at one point by Osceola?

Ans: Seminole (Wars)

Toss Up: Andrew Jackson won his reputation at the Battle of Horseshoe Bend in this Indian war that is often treated as an extension of the War of 1812. It began as a civil war between factions of the tribe for which it is named. It is also sometimes called the Red Stick War. What was this war, which sounds as if it were fought near a small stream?

Ans: Creek (War or Wars) [accept Red Stick War on an early buzz; allow clarification on War of 1812 if given early]

ALPHABET ROUND "B"

1. Famous NY Yankee catcher known for being the only player to have won 10 World Series; also famous for his malapropisms
2. MULTI-WORD ANSWER OR ACRONYM: This agency within the US Department of Interior is responsible for such matters as preservation of native species, fighting fires on government land, and providing sites for energy utilization
3. This sometimes-fatal disease is caused by a toxin that can enter a wound directly but is most often caused by improper canning of low-acid foods such as green beans
4. This architect of the Renaissance was responsible for designing the plans for St. Peter's, which Michelangelo later executed
5. The one of the Three Magi who fits this category; also the name that Portia assumes when acting as a lawyer in *The Merchant of Venice*
6. This woman, a queen among the Iceni, a Celtic tribe, led a revolt against the Romans in the first century AD
7. This 1901 novel by Thomas Mann chronicles the decline of a wealthy German family over four generations
8. This state mammal of Wisconsin is closely related to the skunk
9. This US National park in South Dakota contains stark geologic rock formations that are rife with fossils and is one of the few habitats of the black-footed ferret
10. As a verb, this word means to swell or puff up; as a noun, it is a sac made of thin, inflatable material
11. This man from Nebraska was the last Populist to run for president; lost the 1908 election; prosecuted John Scopes
12. TWO-WORD ANSWER: In business, this is a slang term for net profit or loss
13. This dark, fine-grained igneous rock is the result of cooling lava and is the main component of the ocean's crust
14. MULTI-WORD ANSWER: This 1957 movie won 7 Oscars, including Best Picture and Best Director; it is based on a novel by Pierre Boulle which is, in turn, based on the forced use of POWs by the Japanese to construct a railroad in Burma in 1943
15. This tiny country is bordered on three sides by India; capital is Dhaka
16. *Platano* is the Spanish word for this fruit
17. Lowest of the standard voices in four-part harmony; Meghan Trainor says it's "All about" it!
18. In Islam, this is the place where the physical and spiritual worlds meet and souls await Judgment Day
19. Ohio's senior senator
20. MULTI-WORD ANSWER: First full length drama by Eugene O'Neill; won the Pulitzer Prize in 1920; focuses on brothers Andrew and Robert Mayo, both of whom are in love with Ruth Atkins

ANSWERS TO ALPHABET ROUND "B"

1. Berra (Yogi or Lawrence)
2. BLM or Bureau of Land Management
3. botulism
4. Bramante (Donato)
5. Balthazar OR Balthasar
6. Boudica OR Boadicia [accept any spelling that is close]
7. *Buddenbrooks*
8. badger
9. Badlands (NP)
10. balloon
11. Bryan (William Jennings) [Do NOT accept Bryant]
12. bottom line
13. basalt
14. *(The) Bridge on the River Kwai* [also accept "over" in place of "on"]
15. Bangladesh
16. banana
17. bass
18. (al-) Barzakh
19. Brown (Sherrod)
20. *Beyond the Horizon*

FINAL ROUND

1. What French author who died in 1922 is primarily known for one work of over 3000 pages whose French title is *A la recherche du temps perdu*?

Ans: (Marcel) Proust

2. When it finally opens in 2017, the longest railroad tunnel in the world will be the Gotthard Base Tunnel, which will serve the people of which Alpine nation?

Ans: Switzerland

3. What trigonometric function measures the opposite side over the hypotenuse?

Ans: sine

4. St. Brendan the Navigator, St. Bridget, and, of course, St. Patrick are all patron saints of what island nation?

Ans: Ireland

5. If you live near the *kirk* in a German village, you live next to what structure?

Ans: church

6. Adam de la Halle was the most famous of what singers common in France during the Middle Ages?

Ans: troubadour(s)

7. Arachnophobia is the fear of what creatures, only a few of which are poisonous?

Ans: spider(s)

8. Who was the only US president who ever wore the uniform of Nazi Germany when he did so in a movie?

Ans: (Ronald) Reagan

9. Wage-push and demand-pull are two of the common forms of what economic condition that causes the value of money to drop?

Ans: inflation

10. What great American writer's first collection of short stories was the *Twice Told Tales*?

Ans: (Nathaniel) Hawthorne

11. In terms of the severity of injuries, according to *Forbes Magazine*, the most dangerous "sport" is what activity that involves plunging off tall buildings or other structures with nothing but a parachute for safety?

Ans: basejumping

12. What television program that first appeared in 1969 changed the way that educational TV approached children by using short segments with characters such as Kermit, Elmo, and Big Bird?

Ans: *Sesame Street*

13. During World War II, the invasion of Italy began with the invasion of what largest Italian island?

Ans: Sicily

14. The Office of the Chief of Protocol is one agency that operates under the auspices of what US cabinet department that also includes passport services?

Ans: (Department of) State

15. Author Arthur C. Clark coined this two-word term in the novel *Islands in the Sky*. What is this term that refers to the condition in which objects will float if not tied down?

Ans: zero gravity [also accept zero g]

16. What is the reciprocal of $4/3$?

Ans: $3/4$

17. What minor American poet who was married to Alan Tate shares her name with her great aunt, who established a famous art museum in Boston from which several priceless paintings, including Rembrandt's only known seascape, were stolen in 1990?

Ans: (Isabella [Stewart]) Gardner

18. The world's longest aqueduct that provides half the water for New York City is named for what river that forms the boundary between Pennsylvania and New Jersey?

Ans: Delaware (River)

19. In Greek myth, what personification of the human soul becomes immortal thanks to the love of Eros, who pleads with Zeus?

Ans: Psyche

20. When physicists speak of "emf," they are referring to what kind of force?

Ans: electro-motive [Do NOT accept electromagnetic]