

Varsity Practice 15

AMERICAN LITERATURE: One of the most sarcastic works ever printed is Ambrose Bierce's *The Devil's Dictionary*. Identify the term being defined. All of them begin with the letter "O."

Team A: "A body of water occupying about two-thirds of a world made for man—who has no gills"

Ans: ocean

Toss Up: "In law, a solemn appeal to the Deity, made binding upon the conscience by a penalty for perjury."

Ans: oath

Team B: "That part of one's environment over which no government has been able to collect taxes. Chiefly useful to inspire poets."

Ans: out-of-doors OR outdoors

MATH: 30 SECONDS Find:

Team B:  $\sin 11\pi/6$  [Read: sine of eleven pi over six]

Ans:  $-1/2$

Team A:  $\sin 2\pi/3$  [Read: sine of two pi over three]

Ans:  $\sqrt{3}/2$  [square root of three over two]

Toss Up:  $\csc 7\pi/4$  [Read cosecant of seven pi over 4]

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

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### WORLD HISTORY

Team A: Although other reformers had preceded him, Martin Luther is credited with beginning the Protestant Reformation when he presented his 95 theses in what year?

Ans: 1517

Team B: Although some scholars doubt that Luther actually nailed his theses to the door of All Saints Church, he definitely did present them in what German city?

Ans: Wittenberg [technically pronounced VIT ten berg, but accept WIT ten berg]

Toss Up: For his actions, Luther was excommunicated by what pope?

Ans: (Pope) Leo X

### FINE ARTS

Team B: What classical composer was known as the "father of the symphony"?

Ans: (Franz Joseph) Haydn

Team A: Among Haydn's many symphonies, the best known is probably Symphony No. 94 which goes by what name, a reference to the unexpected loud chord that follows the peaceful beginning of the work?

Ans: Surprise (Symphony)

Toss Up: In all, a total of 12 of Haydn's symphonies in general, but especially Symphony No. 104, are called by what name, a reference to the capital city in which Haydn composed them?

Ans: (The) London (Symphonies)

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### LIFE SCIENCE

Team A: What specialized branch of biology studies the effects of very low temperatures on living organisms?

Ans: cryobiology

Team B: What specialized branch of biology studies the nature of diseases as well as their causes, processes, development, and consequences?

Ans: pathology

Toss Up: What specialized branch of biology studies fungi?

Ans: mycology

NOTE TO READER: ASK FOR A SCORE CHECK

ENGLISH/WORLD LITERATURE: Complete the following lines from Shakespeare's Sonnet #18.

Team B: "Shall I compare thee to a summer's \_\_\_\_\_?"

Ans: day

Team A: "Thou are more \_\_\_\_\_ and more temperate;"

Ans: lovely

Toss Up: "So long as men can breathe, or eyes can see,/So long lives this, and this gives life to \_\_\_\_\_"

Ans: Thee

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### AMERICAN GOVERNMENT

Team A: If a case is appealed to the Supreme Court, the Court must hear it if how many justices agree that it should be heard?

Ans: 4 (Also accept "Rule of Four")

Team B: When the Supreme Court agrees to hear a case on appeals, it will send to the lower court what writ that requires them to submit all records on the case?

Ans: (writ of) *certiori*

Toss Up: Which numbered article of the Constitution enumerates the areas of original jurisdiction for the Supreme Court?

Ans: (Article) 3

### PHYSICAL SCIENCE: Identify the following wind patterns, all of which are called "Cells."

Team B: This weather cell is named for an amateur British meteorologist who was studying the Trade Winds. It is a circulation pattern that dominates the tropical atmosphere and is characterized by rising air motion near the equator, pole-ward wind flow at 6-9 miles above the earth's surface, and descending air motion in the subtropics. What cell carries heat and moisture from the tropics to the northern and southern mid-latitudes?

Ans: Hadley (Cells)

Team A: This cell is named for a nineteenth century American meteorologist. These winds occur primarily between 30 degrees and 60 degrees North and South. They are the prevailing westerlies in this region. What wind cells are found in lands characterized by seasons with strong annual cycles of temperature and precipitation changes?

Ans: Ferrell (Cells)

Toss Up: These cells are found at the earth's extremes. Sea breezes are formed by increasing temperature differences between the land and water that create a pressure minimum over the land because of its relative warmth. What system then forces higher pressure and cooler air from the sea to move inland?

Ans: Polar (Cells)

WORLD GEOGRAPHY

Team A: This Middle Eastern country tries to compromise between its religious ties to its Arab neighbors and its generally pro-western policies. Because of its dependence on Iraqi oil, it did not support the U. S. in the first Gulf War, but it did sign a peace treaty with Israel in 1994. What nation, ruled by King Abdullah, now relies heavily on tourism to the ancient site of Petra and the Wadi Rum?

Ans: Jordan

Team B: This country was once a stable nation whose capital was called the "Paris of the Middle East." However, after nearly two decades of civil war, a takeover by the Islamic extremist group Hezbollah, and renewed conflict with Israel, it suffers from political instability. What country adopted a new government in November, 2009, and assumed a non-permanent seat on the U. N. Security Council for 2010-2011?

Ans: Lebanon

Toss Up: Since 2005, this country has been ruled by Bashar al-Asad. Although it has supported Hezbollah, it has not intervened in the conflicts between Lebanon and Israel. What nation lost the Golan Heights to Israel in the 1967 Six-Day War?

Ans: Syria

AMERICAN HISTORY: Identify the following action of American troops in World War II prior to the D-Day invasion

Team B: In the fall of 1942, under the command of the then relatively obscure Gen. Dwight Eisenhower, inexperienced American troops took on the Afrika Corps of Erwin Rommel and were soundly defeated at the Kasserine Pass in what smallest country of northern Africa?

Ans: Tunisia

Team A: After their defeat in Tunisia, a combined British and American force under the command of British General Bernard Montgomery then defeated Rommel's troops—although the general himself was back in Germany--and drove the Germans out of Egypt at what late 1942 battle which Winston Church described as "not the beginning of the end, but perhaps the end of the beginning" of defeating the Axis?

Ans: El Alamein

Toss Up: From Africa, American troops and their Allies advanced into Italy after first capturing what large Mediterranean island in an assault that was one of the first to use airborne troops?

Ans: Sicily

**ALPHABET ROUND "L"**

1. Peruvian novelist who won the 2010 Nobel Prize for Literature
2. Lyricist who collaborated with Frederick Loewe to write such musicals as *My Fair Lady* and *Camelot*
3. Nineteenth century pharmaceutical chemist who invented the use of gelatin capsules, added fruit flavoring to children's medicine, and helped develop the Food and Drug Administration
4. NAME AND REGNAL NUMBER REQUIRED: French king who allegedly stated, "After me, the deluge."
5. A man-made embankment generally built along the banks of a river to prevent the river's floodwaters from overflowing
6. TWO-WORD ANSWER: Dickens novel written between 1855-1857; title character is born and grows up in prison; Dickens' strongest attack on bureaucratic inefficiency and the practice of imprisonment for debt
7. MULTI-WORD ANSWER: meaning of the Latin expression "Agnus Dei," epithet for Christ
8. The value that a function or expression approaches as the domain variable(s) approach a specific value.
9. Baltic nation whose capital is Riga
10. MULTI-WORD ANSWER: Second and most popular of the Leatherstocking Tales
11. In particle physics, this type of baryon contains an up quark, a down quark, and a third quark
12. In June, 1776, this Virginia delegate to the Second Continental Congress introduced the resolution that "These united colonies are, and of right ought to be, free and independent states"
13. Any one of the three state capital cities that fit this category
14. Mortal seduced by Zeus in the form of a swan
15. TWO-WORD OR HYPHENATED ANSWER: Meaning "Let it be," the belief that an economy functions best when there is no interference by government
16. The planning, implementation, and coordination of the details of a business or other operation.
17. MULTI-WORD ANSWER: 12<sup>th</sup> and final studio album of the Beatles, released by Apple Records in 1970
18. TWO-WORD ANSWER: Leonardo da Vinci work painted on the wall of a monastery in Milan
19. In literature, a form of understatement in which an affirmative is expressed by the negative of its contrary, as in "not bad at all."
20. In legend, this young man swam the Hellespont every night to get to his love, Hero

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**ANSWERS TO ALPHABET ROUND "L"**

1. (Mario Vargas) Llosa
2. (Alan J.) Lerner
3. (Eli) Lilly
4. Louis XV (15<sup>th</sup>)
5. levee
6. *Little Dorrit*
7. Lamb of God
8. limit
9. Latvia
10. *(The) Last of the Mohicans*
11. lambda (baryons)
12. (Richard Henry) Lee
13. Any ONE of the following: Lansing OR Little Rock OR Lincoln
14. Leda
15. *laissez-faire*
16. logistics
17. *Let It Be*
18. *(The) Last Supper*
19. litotes (does not have to be spelled correctly, but must end in "s")
20. Leander

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**LIGHTNING ROUND**

1. What term applies to a substance such as silicon or germanium, with electrical conductivity intermediate between that of an insulator and a conductor?

Ans: semiconductor

2. What type of muscle tissue is found in the walls of internal organs such as the stomach, bladder, and lungs?

Ans: smooth (muscle)

3. In 1998, DNA evidence proved that what slave woman definitively had children by Thomas Jefferson?

Ans: (Sally) Hemmings

4. The people of what country are primarily descended from an Asian tribe called the Magyars?

Ans: Hungry

5. According to Greek mythology, Persephone had to return to Hades for six months of the year because Hades tricked her into eating what kind of seeds?

Ans: pomegranate

6. To three places, what is the decimal equivalent of  $1/8$ ?

Ans: .125

7. In 2000, what method of scoring began to replace side-out scoring in most sanctioned volleyball leagues?

Ans: rally (scoring)

8. What intraplate earthquake zone with a two-word name poses potential danger for the states of Missouri, Tennessee, Illinois, Indiana, Arkansas, and Kentucky, and occasionally affects Ohio?

Ans: New Madrid [pronounced New MAA dred but accept New Ma DRID]

9. What Flemish Baroque painter executed a series of grandiose portraits of Marie de Medici which now hang in the Louvre?

Ans: (Peter Paul) Rubens

10. The U. S.'s first serious attempt to regulate campaign financing came about during the presidency of what man, who, 1906, asked Congress to regulate corporate giving?

Ans: Theodore OR Teddy Roosevelt (Prompt, but do not accept Roosevelt alone)



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11. As part of the Nazi-Soviet Pact of 1939, Germany and the Soviet Union agreed to divide between them what country, which Germany attacked from the west and the USSR attacked from the east?

Ans: Poland

12. What term describes the five-lines used in writing music with each space or line designating a different note?

Ans: staff

13. Prior to Katrina, what 1992 hurricane set the record for most damage created by a natural phenomenon in the U. S.?

Ans: (Hurricane) Andrew

14. What author received acclaim abroad but was snubbed in his native South Africa for attacking racism in his book, *Cry, the Beloved Country*?

Ans: (Alan) Paton

15. The Grand Canyon might be more spectacular, but what canyon located on the Snake River is the deepest gorge in the U. S.?

Ans: Hell's (Canyon)

16. In *The Grapes of Wrath*, which member of the family is the first to die on the trip to California?

Ans: Grandpa (Joad)

17. What largest of the Society Islands is the center of French Polynesia?

Ans: Tahiti

18. What classic 1950s television program featured a masked protagonist and his "faithful Indian companion Tonto"?

Ans: *(The) Lone Ranger*

19. The Kindle is an electronic reader marketed by what large on-line bookseller?

Ans: Amazon(.com)

20. What prominent Midwestern university was the first to offer a PhD in business and the only one to have had 6 Nobel Laureates on its faculty?

Ans: (University of) Chicago

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21. In economics, what term refers to the practice of selling something for less than the cost of producing it, usually for the purpose of undermining a competitor?

Ans: dumping

22. Often called "The Last Battle of the Civil War," the battle of Columbus, Georgia was fought on the night of April 16, 1865 in a last ditch effort by the Confederates to control the bridge over what river that forms the border between Georgia and Alabama?

Ans: Chattahoochee

23. Senate Minority Whip Jon Kyl represents what state?

Ans: Arizona

24. What structure in a flower produces pollen?

Ans: stamen

25. What lobe of the brain controls the senses of touch, pressure, and temperature?

Ans: parietal (lobe)

26. Previously held for life, what is now the term of the British Poet Laureate?

Ans: 10 years

27. In what period of the Mesozoic Era did the continents begin to assume their present land form while dinosaurs peaked as the dominant vertebrate life form on Earth?

Ans: Cretaceous (Period)

28. What Russian/Soviet composer wrote the music for the ballet *Romeo and Juliet*?

Ans: (Sergei) Prokofiev

29. What two-word computer term refers to software programs that are freely available to the public and can be modified and/or distributed by anyone?

Ans: Open Source

30. Singer Huey Lewis was the lead for what rock group that provided much of the music for the *Back to the Future* films?

Ans: (the) News