

1998 2nd Annual Valencia Community College Drew Garabo Invitational Brain Bowl Tourney

Answers and Questions provided by **Stephen Weichsel**

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Alpha Round Tossings

1) US History

In 1834, in an expansionist magazine, *The United States Magazine and Democratic Review*, journalist John L. O'Sullivan wrote of a concept "allotted by Providence for the free development of our yearly multiplying millions." His phrase, quickly adopted by other publications and politicians, neatly expressed a vision that sounded almost like a religious mission. FTP, name this American desire to control the entire continent from Atlantic to Pacific.

MANIFEST DESTINY

2) Chemistry

They occur naturally in dikes and pipes of kimberlite, mostly in South Africa, Tanzania, and Arkansas. They are excellent conductors of heat, but these colorless cubic crystals do not conduct electricity. FTP, what are these gems formed by an allotrope of carbon?

DIAMONDS

3) Art History

He was a student at the United States Military Academy, and also spent a period of time making maps for the United States Geodetic Survey. This is all before, however, he went to Paris and began studying for what he eventually became famous. FTP, id this 19th century American artist of the *Portrait of Lady Seymour Haden* who's best known portrait is of his mother.

James Abbott McNeill **WHISTLER**

4) US History

It was sparked in Los Angeles in June 1943 when a rumor was spread that a gang of young Mexican-Americans had attacked a sailor. For several nights US servicemen beat up any young Mexicans that they found, stripping them naked of the clothes that they wore, which gave a name to the riots. FTP, id these riots, whose name has become famous for a different reason in 1998 as the hit of the Swing band Cherry Poppin' Daddies.

ZOOT SUIT RIOTS

5) Pop Music

Secret, secret, he's got a secret. It's hiding under his skin; his heart warm, blood boiling, brain IBM. With his parts made in Japan, he is the modern man. FTP, id this character from the concept album Kilroy was Here and you'll name the hit 1983 song by the supergroup Styx.

MR. ROBOTO

6) Mathematics

In standard Euclidean geometry, the shortest distance between Bill Clinton and an intern in a plane is a straight line. If good ol' Bill were restricted to the surface of a sphere, however, the shortest distance that he can letch is along an arc of a great circle of the sphere. FTP, id this arc.

GEODESIC

7) Biology

Many species of bacteria obtain energy to drive metabolic reactions by this method. Defined as the breakdown of organic molecules using other organic molecules as final electron acceptors, it is a process without which grape juice would be just that. FTP, id this metabolic process.

FERMENTATION

8) Astronomy

Their existence was first postulated in 1932, when a Soviet physicist named Lev Landau suggested that a state of matter stable only at high densities might exist. In 1934, it was suggest that a supernova might leave one of them as a remnant. In 1968, it was suggest that pulsars have one rotating at their centers. FTP id these stellar bodies with the mass of our sun compressed into a 10-km radius.

NEUTRON STARS

9) Literature

Probably the final play that Shakespeare wrote, this high comedy is chock full o' fantasy and wonder. Containing the monster Caliban and the spirit Ariel, it is about the magician Prospero and his daughter Miranda. FTP, id this play in which everything ends happily and Prospero gives up his magic powers.

the **TEMPEST**

10) Foreigners

Shania Twain. Tom Cochrane. William Shatner. The Barenaked Ladies. Alex Trebek. Alanis Morressette. Michael J. Fox. Bryan Adams. Peter Jennings. And perhaps most awfully of all, that songstress known as Celine Dion. FTP, id the country of origin of these foreigners, attempting to pass themselves off as Americans in order to get a more favorable exchange rate

on the dollar.

CANADA

11) World Literature

Blindness, his most recent book to be translated into English, is an unsettling allegory about a social meltdown as an inexplicable blindness sweeps through society. Since the 1980s this author, currently 75, has been one of Portugal's best-selling contemporary writers and his works have been translated into more than 20 languages. FTP, id this author, awarded the 1998 Noble Prize for Literature.

Jose **SARAMAGO**

12) African-American History

Born free in 1829, he was arguably the second most influential African-American in the 19th century to Frederick Douglass. He allied himself with the Republican Party, saying "if the Republican Party is not anti-slavery enough, take hold of it and make it so." FTP, id this man, the first Black American elected to public office, and twice suggested for the vice-presidency.

John Mercer **LANGSTON**

13) Geography

The area includes 2,000 islands and atolls extending over some 3 million sq. miles. It includes three major archipelagos: the Carolines, the Marianas, and the Marshalls. FTP, id these islands, organized into the US Trust Territory of the Pacific Islands in 1947.

MICRONESIA

14) Philosophy

One of the most cogent refutations of this belief was by Joseph Butler in his Analogy of Religion, arguing that natural religion is no more credible than revealed religion. Many prominent men in the late 17th and early 18th centuries held to this belief, that a Supreme Being is the source of finite existence, but with no revelations and supernatural tenets in most mainstream religions. FTP, id this belief, sometimes called "Natural Religion," with followers such as John Locke and many of our founding fathers.

DEISM

15) Zionism

Eighty-nine members of his family died in the Holocaust, so he had an obvious motivation after being freed by the Allies to work to bring War Criminals to justice. Although he and his staff at the Jewish Documentation Center had been able to identify and locate over 1,000 Nazi war criminals, his

greatest triumph came in 1959 when he located Adolf Eichmann, administrator of the Nazi death camps. FTP, name this most successful Nazi hunter.

Simon **WIESENTHAL**

16) Literature

Talk about famous exit lines. His last words were allegedly, "Moose Indian," which no one is quite sure exactly what he meant. Gandhi and Martin Luther King Jr. were profoundly influenced by the doctrine of passive resistance introduced in his essay *Civil Disobedience*. FTP, id this transcendental tree-lover and author of Walden.

Henry David **THOREAU**

17) Biology

Associated with axons forming nerves linking the central nervous system to other parts of the body, these cells form the myelin sheath around the axon from its plasma membrane. FTP, id these cells that cover one millimeter of an axon's length.

SCHWANN cells

18) Political Science

Following the Kansas-Nebraska Act and the disintegration of the Whig party, its former members started a new political party during a meeting held in Ripon, Wisconsin, on 20 March 1854. In 1856, John C. Fremont was their first candidate for the presidency. FTP, id this party, whose current members include such notable Americans as Ben Stein, Charlton Heston, and Ted Nugent.

REPUBLICAN party or the **G.O.P.**

1. Mathematics Computation

Writing instrument and slate ready. You have 10 seconds, so please simplify. FTP, id the base ten equivalent of the base 6 numeral 5 2 1 0 <!-- read this out ... five, two, one, zero ->

1,458

20) Psychology

Ambivalence. Fixation. Conversion. Undoing. Sublimation. Projection. Reaction formation. Rationalization. Repression. Denial. FTP, what is the collective name for these means by which, allegedly, the ego avoids unwanted emotions in Freudian psychology?

DEFENSE MECHANISMS

21) Literature

This collection of stories begins at the Tabard Inn in Southward, probably in 1387, where the host of the Inn suggests to a group of 29 pilgrims that they tell tales to each other to make the trip easier. FTP, id this series of stories about a journey to the shrine of Thomas à Becket.

CANTERBURY TALES

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Alpha Round Boni

1) Music Videos 30pts

Faithful viewers of MTV will recognize the term *buzz clip*. These are supposed "really good" new videos that stretch the art of MTV, such that it is. F5P ea, id the artists who's former *buzz clip* videos are noted.

- | | |
|-----------------------------|---------------------------|
| i) Basket Case | GREEN DAY |
| ii) Been Caught Stealing | JANE'S ADDICTION |
| iii) Mr. Jones | COUNTING CROWS |
| iv) Loser | BECK Hansen |
| v) You Oughta Know | Alanis MORRISSETTE |
| vi) Smells Like Teen Spirit | NIRVANA |

2) Biology 30 pts

For lack of a better intro, tell what the following biological abbreviations stand for F5P ea.

- | | |
|---------|-------------------------------------|
| i) DNA | DEOXYRIBONUCLEIC ACID |
| ii) ATP | ADENOSINE TRIPHOSPHATE |
| iii) LH | LUTEINIZING HORMONE |
| iv) FSH | FOLLICLE-STIMULATING HORMONE |
| v) GTP | GUANOSINE TRIPHOSPHATE |
| vi) ADH | ANTI-DIURETIC HORMONE |

3) Classical Music 30pts

Richard Wagner, the consummate German, is perhaps most famous for his Ring Cycle, a tetralogy of operas based on Norse Mythology. F5P ea and with a bonus of 5 pts for all correct, id the name of the tetralogy and the four operas it comprises, all in German.

(in any order) **DER RING DES NIBELUNGEN, DAS RHEINGOLD, DIE WALKURE, SIEGFRIED, DIE GOTTERDAMMERUNG**

4) Airlines 30pts

Gone but not forgotten. For the stated number of points, id the airlines whose friendly skies we can no longer be flying.

- i. F5P, I could give a joke in poor taste about alligators here, but instead I'll mention how it received such poor press that it bought out smaller Orlando-based AirTran Airways in 1997 and changed its name.

VALUJET

- i. FTP, this was the first airline to go bankrupt in the US since the '60s, as airline deregulation assisted in the slide of this formerly 8th-largest airline. It still, though, has commercial airplay every Wednesday night at about 10:28.

BRANIFF International

- i. F15P, this airline pioneered the no-frills concept, asking travelers to pay for the use of a pillow in flight. Continental bought it out, though, in 1987.

PEOPLEXPRESS

5) Grammatical Glossary Potpourri 30pts

Provide the grammatical term being defined FTP ea. Yeah, the author was lazy for this question.

- i. A word or group of words that renames a noun or a noun group preceding it, i.e. The Scourge of the 20th century, Spiro Agnew.

APPOSITIVE

- ii) One or more words coming between the two words of a verb form that starts with "to."

SPLIT INFINITIVE

- i. A verbal present participle functioning as a noun; i.e. Swimming is the best form of exercise, other than doing the Neutron Dance.

GERUND

6) Ancient Medicine 30pts

Equated in theory with the four elements of nature and believed to determine the health and harmony of the body, id F5P ea the four constituent humors of the body.

BLOOD, PHLEGM, YELLOW BILE, BLACK BILE

Finally, FTP, id the ancient Greek who most likely originated this theory.

EMPEDOCLES of Argirantum

7) Gratuitous Star Trek Bonus Mk I 30pts

The characters from Star Trek: The Next Generation are some of the most recognizable in contemporary pop culture. But how well do you know the actors that portray them? F5P ea, id the actor from the character he/she plays.

- | | |
|-----------------------------|------------------------|
| i) Capt. Jean-Luc Picard | Patrick STEWART |
| ii) Counselor Deanna Troi | Marina SIRTIS |
| iii) Doctor Beverly Crusher | Gates McFADDEN |
| iv) Lt. Cmdr. Worf | Michael DORN |
| v) Lt. Cmdr. Geordi LaForge | LeVar BURTON |
| vi) Lt. Cmdr. Data | Brent SPINER |

8) Literature 30pts

On a 30-20-10 basis, id the author from works.

30pts the play The Brass Butterfly and the essay collection A Moving Target

20pts the novels The Inheritors and Rites of Passage

10pts the classic Lord of the Flies

William **GOLDING**

9) Business 30pts

In 1911, the Supreme Court ruled that the Standard Oil Company violated anti-trust laws and was broken up. The parts are still around, though, albeit under different names. FTP ea, id the current name of the company.

- | | |
|---------------------------------|----------------|
| i) Standard Oil of New Jersey | EXXON |
| ii) Standard Oil of New York | MOBIL |
| iii) Standard Oil of California | CHEVRON |

10) Television 30pts

Yeah, I'm sure that y'all can name all six children of the Brady family. But, let's see if you can do this. F5P ea, list the 6 first names of the kids of the Brady bunch in alphabetical order. Hint: Alice, though alphabetically first, was the maid and not a brat.

(in order) **BOBBY, CINDY, GREG, JAN, MARCIA, PETER**

11) Film Credits 30pts

For those of you like my mother, who loves to watch film credits all the way to the end, you may wonder what some of those titles on the screen mean. FTP ea, id from a description the Hollywood jargon.

i. The chief electrician of a film.

GAFFER

i. The position responsible for construction or dismantling sets and also for laying the tracks upon which the cameras run.

KEY GRIP

i. The assistant to both the gaffer and the key grip.

BEST BOY

12) European History 30pts

There have been 6 Georges that have ruled England. F5P ea, id which George is which from a description.

i) His insanity led to a regency by his son.

GEORGE III

ii) He changed the name of the royal house to Windsor.

GEORGE V

iii) He came to power under the Act of Settlement.

GEORGE I

iv) He came to power when his brother abdicated.

GEORGE VI

v) He ruled through ministers in order to pursue his life.

GEORGE IV

vi) He was the last British king to lead troops in battle.

GEORGE II

13) Art History 30pts

Early 20th century Expressionism would not be complete without the Viennese, who seemed to have a taste for artistic decadence and neurotic, agitated lines. FTP ea, id the big 3 from Vienna from descriptions.

i. This Jugendstil master created incredibly ornamental works that addressed romantic themes of love and life.

Gustav **KLIMT**

i. An erotic draftsman of emancipated nudes, he spent twenty four days in jail for his allegedly "pornographic" art.

Egon **SCHIELE**

i. This artist was known for penetrating psychological portraits and agitated, moody landscapes. His best known painting is "Bride of the Wind."

Oskar **KOKOSCHKA**

14) World History 30pts

On a 30-20-10 basis id the year from events.

30pts Balkan Wars begin

20pts Revolution ends the Manchu Dynasty in China

10pts *Titanic* sinks

1912

15) Geography 30pts

Identify these two-letter world rivers from a description F15P ea.

i. It flows from the Gulf of Venice as far as Turin.

PO

i. With the Irtysh, it forms the longest river system in Russia.

OB

16) Classical Music 30pts

On a 30-20-10 basis id the philosopher from descriptions.

30pts He was educated at Harvard and entered the ministry for a short time.

He resigned his pastorate on the death of his wife.

20pts His first book Nature summarized his ideas. He soon became known as the "Sage of Concord."

10pts He was a chief spokesman for the transcendentalist movement.

Ralph Waldo **EMERSON**

17) Literature 30pts

5P ea, given the main male character of a Hemingway work, id the name of the work or collection of stories in which he appears.

- | | |
|-------------------|--------------------------------|
| i) Santiago | OLD MAN AND THE SEA |
| ii) Robert Jordan | FOR WHOM THE BELL TOLLS |
| iii) Jake Barnes | THE SUN ALSO RISES |
| iv) Harry Morgan | TO HAVE AND HAVE NOT |
| v) Frederic Henry | A FAREWELL TO ARMS |
| vi) Nick Adams | IN OUR TIME |

18) US History 30pts

Id the following terms from US politics during the Civil War era, FTP ea.

- i) Northern Peace Democrats during the War.
COPPERHEADS
- ii) Northerners who went South after the Civil War.
CARPETBAGGERS
- iii) Southerners who cooperated with the Carpetbaggers.
SCALAWAGS

19) Literature 30pts

On a 30-20-10 basis id the author from works.

30pts The Longest Journey, Where Angels Fear to Tread

20pts Maurice, Howards End

10pts A Room with a View, A Passage to India

E. M. FORSTER

20) Political Science 30pts

Identify the following women from American political history, FTP ea.

- i) The first woman elected to the US House of Reps. Jeanette
 RANKIN
- ii) The first woman elected to a full US Senate term. Hattie
 CARAWAY
- iii) The first woman cabinet member. Frances **PERKINS**