

1993 PRINCETON INVITATIONAL

Quarterfinals

TOSSUPS

1) Charmin wasn't around at the time of the Declaration of Independence, but the name of Mr. Whipple - William Whipple, that is - does appear on the document. FTP, what state was statesman Whipple representing at the signing?

A: NEW HAMPSHIRE

2) FQTP, what's the limit as x goes to zero of $\sin^2 x$ over x^2 ?

A: ONE

3) This word is Dutch for "farmer," but it is more commonly known as the group of Dutch settlers in South Africa who were finally defeated by the British in a war fought from 1899-1902. FTP, name these settlers, also known as Afrikaners.

A: BOER (s)

4) "I went back to the Devon School not long ago, and found it looking oddly newer than when I was a student there fifteen years before." FTP, this line starts what John Knowles' novel which featured Gene Forrester and his best friend Phineas?

A: A SEPARATE PEACE

5) FTP, Gerrymander, guillotine, boycott, derby, chauvanist and Braille all represent a certain type of word. FTP, what is the term for a word named after a person?

A: EPONYM

6) This Austrian composer was born in Austrian Bohemia, and after that, led a difficult life, evident in that in 1904, he wrote Kindertotenlieder, or "Songs of Dead Children." He also, however, set legendary conducting standards and went on to write nine massive symphonies and "A Song of the Earth." FTP, name this depressed composer.

A: Gustav MAHLER

7) FQTP, the name's the same. Dad was a football coach for UCLA; Junior is now the Republican governor-elect of Virginia. FTP, what's the FULL name?

A: GEORGE ALLEN (prompt if ALLEN is given)

8) It may sound like you're blowing away on a woodwind instrument, but architecture scholars would know that it's also the act of making long, rounded grooves on a column or on metal. FTP, what's the term?

A: FLUTING

9) In "The Naked Gun," Reggie Jackson tried to kill the queen. However, what

oddy ironic crime might he be charged with if he actually a killed a king?

A: REGICIDE

10) To the South, Nigeria and Benin, to the east, Chad. To the west, Mali and Burkina Faso, and to the North, Algeria and Libya. FTP, what African nation has these borders and its capital at Niamey?

A: NIGER

11) It was a demonstration gone horribly wrong. On May 4, 1886, a bomb exploded in a Chicago crowd, killing 11 and wounding over 100 in a labor demonstration for an eight-hour work day. Eight anarchists were tried, and four were hanged for their supposed role in the event. FTP, give the name of the place that lent its name to this tragic event.

A: HAYMARKET SQUARE

12) "All of your ancestors are blacksmiths, so your children will probably be strong." "Giraffes have long necks from generations of craning to reach high leaves." FTP, these statements represent a discredited theory of evolution set forth in 1801 by what French naturalist, considered an important forerunner to Darwin.

A: Jean Baptiste de LAMARCK (accept LAMARCKIAN EVOLUTION)

13) This past year, he continued his unique pitching motion, but for a new team. Now, he sees the words "hit it here" when he turns his eyes back during his delivery. FTP, name this 1981 rookie of the year and ex-Los Angeles Dodger.

A: Fernando VALENZUELA

14) FTP, Francis Scobee, Michael Smith, Ronald McNair, Ellison Onizuka, Judith Resnick, Gregory Jarvis and Christa McAuliffe all perished on January 28, 1986 in the ill-fated voyage of what U.S. space shuttle?

A: CHALLENGER

15) In French, as a noun, it means "wood" or "forest." As a French verb, it means "drink." FTP, what's the French word?

A: BOIS

16) Warning! Two answers required! Time magazing recently ran a cover story entitled "Voice of America?" FTP, name BOTH of the controversial radio personalities, featured in this article, who currently have best selling books.

A: Howard STERN; Rush LIMBAUGH

17) He was the husband of Andromache,(Ann-DROM-uh-Key) and father of Astynax, (Ast-EYE-nax). But he's better known for being dragged behind Achilles' chariot and as the defender of Troy. FTP, name this Trojan War hero, and co-

star of the Iliad.

A: HECTOR

18) They formerly guarded many of Europe's most powerful monarchs, and a number of them were killed in the French Revolution. FTP, name these mercenaries, whose sole contract now is to guard the Pope and the Vatican.

A: SWISS GUARD

19) This latin economics term defines a tax, such as a sales tax, which is levied as a proportion or percentage of the price. FTP, what is this term, which, when translated, means "according to the value."?

A: AD VALOREM

20) He was widely considered one of the most malicious members of the Nazi party and was a confidant of Hitler. He is most widely remembered, however, for his supervision of the execution of millions in the Nazi death camps, and as the organizer of the Gestapo. FTP, name this Nazi leader who committed suicide in 1945.

A: Heinrich HIMMLER

21) This word is the Yiddish term for courage bordering on arrogance, and has recently been liberally translated to mean "nerve." FTP, name this word, which was also the title of a recent book by lawyer Alan Dershowitz.

A: CHUTZPAH

22) FQTP, Ed Pinckney, Sherman Douglas, Kevin Gamble, Dee Brown and Robert Parish are expected to be the starting five players on NBA opening night for what NBA team?

A: BOSTON or CELTICS or BOTH

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BONUSES

1) (20) For five points each, given the chemical name of a substance, give its more common name.

a) acetyl-salicylic acid

A: ASPIRIN

b) Sodium bicarbonate

A: BAKING SODA

c) Magnesium hydroxide

A: MILK OF MAGNESIA

d) Calcium Sulfate (semi-hydrated)

A: PLASTER OF PARIS

2) (30) 30-20-10 Name the state from state nicknames.

30: Cockpit of history of the Revolution

20: The Industrial Park State

10: The Garden State

A: NEW JERSEY

3) (20) For 25 points, finish this poem with the EXACT line.

"I shall be telling this with a sigh / somewhere ages and ages hence / two roads diverged in a wood and I / I took the one less traveled by..."

A: AND THAT HAS MADE ALL THE DIFFERENCE

4) (20) Most people saw "Jurassic Park." But first, for 5 points what era was the Jurassic epoch found in?

A: MESOZOIC

b) Now, for 5 points each, what two epochs surround the Jurassic?

A: TRIASSIC; CRETACEOUS

c) Now, for 5 points, what current era was the movie filmed in?

A: CENOZOIC

5) (30) For the stated number of points, translate these Greek or Latin state mottos:

a) For 5 points, California; "Eureka"

A: "I HAVE FOUND IT"

b) For 10 points; New York; "Excelsior"

A: "EVER UPWARD" or "STILL HIGHER" or equivalents

c) For 15 points, North Carolina; "Esse Quam Videi"

A: "TO BE RATHER THAN TO SEEM"

6) (25) And now, the spelling bonus. Before each part, specify one person to spell word without assistance. Each player MUST spell one word, and be careful! A miss stops you. The topic is TV show titles and the spelling must be exact, including punctuation. Five points each and a five point bonus for all.

a) M*A*S*H

b) Jeopardy!

- c) Hawaii Five-O
- d) CHiPs (include capitalization)

7) (30) Given a brief definition, name the engineering term for the indicated number of points.

a) For 5 points, The force exerted on a surface of a fluid, divided by the area of the surface.

A: PRESSURE

b) For 10 points, The force exerted on a material divided by the cross-sectional area of the material.

A: STRESS

c) For 15 points, The ratio of the change in length of a material under stress to the material's original length.

A: STRAIN

8) (20) Answer these questions about Holy Roman emperors for 10 points each.

a) Who was the first Holy Roman emperor, crowned in 936?

A: OTTO I

b) Who was the last, crowned in 1792?

A: FRANCIS II

9) (20) You may know that Jack McDowell was the AL Cy Young Award winner this year. But, for 5 points each, and a 5-point bonus for all 3, who finished second, third and fourth in the voting?

A: Randy JOHNSON, Kevin APPIER, Jimmy KEY

10) (30) Given the description of a Supreme Court case and the year, name the case for 10 points each.

a) In 1961, the court decided that use of evidence obtained by illegal means is prohibited from court cases.

A: MAPP vs. OHIO

b) In 1793, it led to the enactment of the 11th Amendment, saying that states could not be sued by citizens of other states or of other countries.

A: CHISHOLM vs. GEORGIA

c) In 1974, it said that the Supreme Court, and not the President is the final judge of the Constitution.

A: UNITED STATES vs. RICHARD NIXON

11) (30) The analysis of poetry has led to the development of a specialized vocabulary. How well do you know it? For the number of points, give the poetry term from the description.

a) For 5 points, Repetition of consonant sounds

A: ALLITERATION

b) For 10 points, repetition of vowel sounds

A: ASSONANCE

c) For 15 points, insertion of a modifier into the middle of a two-word term, for example, "Pericles' funeral damn oration."

A: TMESIS

12) (30) 30-20-10 Name the author from the works.

30: The Web and the Rock

20: You Can't go Home Again

10: Look Homeward, Angel

A: Thomas WOLFE

13) (25) For five points each and a five-point bonus for all four, name the composers of these musical works.

a) Festive Overture

A: Dmitri SCHOSTAKOVICH

b) Variations on a Theme by Haydn

A: Johannes BRAHMS

c) In the Steppes of Central Asia

A: Alexandr BORODIN

d) Pomp and Circumstance

A: Edward ELGAR

14) (25) Solve this physics equation for 25 points. Assume g is 10 meters per second squared. A block of 2 kilograms sits on a flat frictionless surface 10 meters off the ground. The block is pushed, and slides down into a sandy patch that is 10 meters long. The sand exerts a frictional force of 10 newtons. For 25 points, what is the speed of the block in meters per second when it exits the sandy patch? You have 15 seconds.

A: 10

15) (20) For those of you who want to pump your own gas, you should avoid two states, which have made it illegal to have self-serve gasoline. FTP each, in what two U.S. states can you not pump your own gas?

A: NEW JERSEY and OREGON

16) (30) At its greatest height, the Inca empire dominated much of the Andean region of South America. Answer these questions about the Incas for the stated number of points.

a) For 5 points, in what present country was it located in?

A: PERU

b) For 10 points, what was the name of the empire's center?

A: CUZCO

c) For 15 points, what was the name of the knotted strings the Incas used for survey and census records?

A: QUIPAS

17) (25) For 5 points each, and a five point bonus for all four name the four 20-game winners on the 1971 Baltimore Orioles.

A: Jim PALMER; Pat DOBSON; Dave MCNALLY; Mike CUELLAR

18) (30) You may be aware of the war over late-night television. But are you truly educated about them? For 10 points each, given the host (or ex-host, as the case may be), tell where he received his undergraduate education.

a) Conan O'Brian

A: HARVARD University

b) David Letterman

A: BALL STATE University

c) Chevy Chase

A: BARD College

19) (30) 30-20-10 Name the author from his works.

30: A Delicate Balance

20: Zoo Story

10: Who's Afraid of Virginia Woolf?

A: Edward ALBEE

20) (20) For 10 points each, give the city and state of the starting and ending points of the Pony Express.

A: INDEPENDENCE, MISSOURI; SACRAMENTO, CALIFORNIA