

Beaver Bonspiel IV
Quarterfinal Round

TOSSUPS

TOSSUP 1

Before his death in December 1914, he correctly predicted the downfall of the Central Powers and the German navy in World War I. Serving over forty years in active duty in the U.S. Navy, in 1884 he was invited to lecture at the Naval War College in Newport, Rhode Island. For ten points, name this naval officer who, six years later, published his lectures under the title The Influence of Sea Power upon History.

ANSWER: Alfred Thayer MAHAN

TOSSUP 2

His mother's interest in the work of Leonardo da Vinci led to his experimenting with model flying machines as a child. A trip through Europe in 1908 brought word to him of the Wright brothers' work, though he concluded that the way to fly was "straight up". However, he had to wait another thirty years for technology to advance to the point where his ideas were feasible. For ten points, name this Russian-born inventor who in 1939, built the first practical helicopter.

ANSWER: Igor SIKORSKY

TOSSUP 3

They have a new lead singer, Ray Thomas, and just released their latest album, Calling All Stations. This is not the first time they've had to replace a lead vocalist, as they had to do on the album A Trick of the Tail. For ten points, name this British rock group whose two previous lead singers have been Peter Gabriel and Phil Collins.

ANSWER: GENESIS

TOSSUP 4

This author of "Sports in America", "Literary Reflections" and "The Nobel Land: My Vision of America" was most recently in the news for his ailing health. His decision to remove himself from his kidney dialysis machine at the age of ninety, means this man, also one of the world's leading philanthropists, is not long for this world. FTP, name this famed author who is known for his gifts to educational institutions.

ANSWER: James MICHENER

TOSSUP 5

He finished second to Tom Barasso in 1984's Rookie of the Year voting, and has won only one major NHL individual award in his career. Yet he is considered one of the greatest leaders in sports today, and is starting a twelfth straight season as his team's captain-tying him for the longest such streak in NHL history. In 1997 he finally lost the title of "best player never to win a championship." FTP-name this Red Wings' center.

ANSWER: Steve YZERMAN

TOSSUP 6

Supposedly recorded by Cid Hamete Benengeli, in the second part of the novel, the two main characters bump into people who've read the first part. Digressions include the governance of the island of Barataria which happens to not be an island and the title character's investigation of the caves of Montesinos. FTP, identify this novel about an idealistic knight errant and his squire Sancho Panza.

ANSWER: The Adventures of DON QUIXOTE [key-ho-tay]

TOSSUP 7

It's endpoint is usually detected by placing a small amount of indicator in the reaction flask. The most delicate equipment in use is the buret, which is essential to this process. FTP, name this very important experimental method used for the quantitative analysis of solutions.

ANSWER: TITRATION

TOSSUP 8

His heavy taxes and the discontent of the Monophysites helped cause the Nika riot, which he crushed. He called the Second Council of Constantinople in an attempt to reconcile the Monophysites to the church. His chief accomplishment was the codification of Roman law in the Corpus Juris Civilis and his many public works included the church of Hagia Sophia. FTP, name this Byzantine Roman emperor who ruled from 527-565 A.D.

ANSWER: JUSTINIAN I

TOSSUP 9

A pioneer of naturalism in American writing, he wrote novels reflecting his mechanistic view of life, which held the individual was the victim of such ungovernable forces as economics, biology, society and even chance. Name this author of such novels as The Financier, The Titan, The Bulwark, and An American Tragedy.

ANSWER: Theodore DREISER

TOSSUP 10

The alpha-1 cells produce the regulatory agent somatostatin (so-MAT-oh-STAT-in); the alpha-2 cells produce the hormone glucagon (GLUE-cuh-GON); and the beta cells produce the hormone insulin. FTP, name these regulatory clusters of endocrine cells in the pancreas.

ANSWER: the ISLETS OF LANGERHANS (EYE-lets of lahn-gur-HAHNS)
(prompt for more specific if pancreas is given before end)

TOSSUP 11

Nationwide, there were 33,000 cases of it in 1916, the first year it hit the United States, and in 1950, there were again 33,000 reported cases. But in 1960, there were only 3,000; in 1980, 9; and by 1992 it had been entirely eradicated from the Western Hemisphere. FTP, name this paralytic viral disease, whose most famous victim was Franklin Roosevelt.

ANSWER: POLIO

TOSSUP 12

This opera with libretto by Francesco Maria Piave opens at a grand ball, where the old Count Monterone is ridiculed by the title character. The title character's daughter Gilda is kidnapped and brought to the Duke of Mantua. Her father hires the assassin Sparafucile (spar-uh-FOO-chill-ay) to murder him, but Gilda gets killed instead. FTP, identify this Verdi opera whose title refers to a jester.

ANSWER: RIGOLETTO

TOSSUP 13

Their name comes from a Hindi word meaning "disciples," and they believe in Sat Nam (saht nahm), a monotheistic deity. Their final guru decreed that members are to abide by the five K's and to take Singh as part of their name. FTP, name this Indian sect whose holy text is the Adi Granth and which was founded by Guru Nanak.

ANSWER: SIKH_ism

TOSSUP 14

Often compared to Vanitas (van-ee-tass) paintings, they include the works subtitled "The Triumph of Caesar," and "Nine Muses and the Harmony of the Spheres." Commissioned by Christian Ludwig-who never wound up paying for them-the composer was trying to honor the Margrave as an ancient hero. FTP, name this set of six concerti named for a German state, and composed by J.S. Bach.

ANSWER: BRANDENBURG Concertos or Concerti

TOSSUP 15

In this 1970 film, the main characters are a rich preppie at Harvard and a poor musician at Radcliffe. They fall in love and get married; he gets disinherited and goes through law school, but she dies. What can you say? FTP, name this sweet and sappy film starring Ryan O'Neal and Ali McGraw, where love means never having to say you're sorry.

ANSWER: LOVE STORY

TOSSUP 16

He began his career by leading a revolution in Baja California, but after his apprehension by U.S. authorities, he moved further south, earning the wrath of Cornelius Vanderbilt, whose transit company he nationalized. FTP, name this American filibusterer who was briefly recognized as president of Nicaragua.

ANSWER: William WALKER

TOSSUP 17

Talks between the PNA and this group disintegrated in February of 1996 when they retaliated for the assassination of Yahya Ayyash, and at the recent Gaza conference, leader Abdul Aziz al-Rantisi urged Yassir Arafat to renounce the Oslo Peace accords. Recently accused of a triple-suicide bombing in West Jerusalem, 200 of their activists were rounded up before Madeleine Albright's visit. FTP, name this militant Palestinian Islamic organization.

ANSWER: HAMAS

TOSSUP 18

Pencils and paper ready. For a quick ten points, what is the length of a side of a rhombus having diagonals of length 10 and 24?

ANSWER: 13

TOSSUP 19

It will pass by Venus twice before passing back by Earth in August of 1999. Named for the Italian astronomer who discovered the gap between the A and B rings of Saturn, it could not use solar cells because of the distance of its target from the sun. For ten points, name this probe launched towards Saturn on October 15 with 70 pounds of plutonium aboard.

ANSWER: CASSINI

TOSSUP 20

When he enlisted in the Naval Air Corps in 1942, he was found to have 20/10 vision, the best in his combat group. During the Korean Conflict he re-enlisted in the Marines and served quite often as John Glenn's wingman. While his military heroics are noteworthy, it is his prowess in the batter's box that made him a legend. FTP-name this "Kid" who hit 521 homers and batted .344 for his career-spent entirely with the Boston Red Sox.

ANSWER: Ted WILLIAMS

TOSSUP 21

He was born into a poor farming family, but luckily for humanity, was sent to Oxford to study to become a preacher. While there, he studied mathematics and after much reticence, he decided to publish some of his famous findings, in 1687's Philosophiae Naturalis Principia Mathematica. FTP, name this mathematician and scientist, responsible for a universal method of scientific inquiry, the calculus, and his namesake laws of motion.

ANSWER: Isaac NEWTON

TOSSUP 22

The list of these was compiled around the second century BC. The first reference to the idea is found in History of Herodotus as long ago as the 5th century BC. The final list was compiled during the Middle Ages. FTP, give the title of the list, which included The Statue of Zeus at Olympia and The Hanging Gardens of Babylon.

ANSWER: The SEVEN WONDERS of the Ancient World

TOSSUP 23

Laplace said of this man's creations that they, "by shortening the labours, doubled the life of the astronomer." The Scottish mathematician and theologian used versions of the functions slightly different from those in use today, though -- his used a base of $1/e$ and involved a constant 10^7 . FTP, name this man, also known for his eponymous "bones," inventor of the logarithm.

ANSWER: John NAPIER

TOSSUP 24

After getting enough money to leave his homeland for Rome, he wrote Brand, a narrative poem which was converted into a play in 1885 and went on to his final plays The Master Builder and When We Dead Awaken. FTP, name this Norwegian playwright known for A Dolls House and Ghosts.

ANSWER: Henrik IBSEN

TOSSUP 25

This holiday was Christianized to honor the memory of a martyr slain in the year 270. . . During this celebration, boys and girls would be paired up until the following year. FTP, name this holiday celebrated by ancient Romans to honor the gods, later renamed Saint Valentines Day.

ANSWER: LUPERCALIA

QUARTERFINALS BONUSES

Sat Oct 25 12:34:45 1997

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BONUSES

All Bonuses are worth 30 points

BONUS 1

30-20-10 Name the person from the clues.

30) Born in 1838, she wrote many songs including "Farewell to Thee". She ascended to the throne in 1891 after the death of her brother.

20) Her attempts to maintain power over the white landowners resulted in an 1893 revolt aided by the USS Boston.

10) She was the last reigning Queen of Hawaii

ANSWER: Lydia Kamekeha Pahi LILIUOKALANI or Queen LIL

BONUS 2

Give these Russian words which are also names of Soviet space programs. Ten points each.

1) Meaning "east", it was the world's first program of manned space flight.

ANSWER: VOSTOK ["va-STOKE"]

2) Meaning "sunrise", it was the world's first manned space program with extravehicular activity.

ANSWER: VOSKHOD ["voss-COAT"]

3) Meaning "union", it was a two-decade-long space program that included a link with a U.S. craft in 1975.

ANSWER: SOYUZ ["saw-YOOCE"]

[The Apollo-Soyuz mission linked with a U.S. craft.]

BONUS 3

Slavery was an important factor in the start of the American Civil War. Answer these questions about slavery in the US in 1860 for the stated number of points.

Of the 15 slave states in 1860, this one had the smallest slave population - 1,798.

ANSWER: DELAWARE

Of the free states, this was the only one to have any slaves within its borders - 18 - and those were due to the grandfather clauses in its laws that banned slavery.

ANSWER: NEW JERSEY

These two Confederate states were the only states to have more slaves than free citizens (white and black combined). For 5 points each, name them.

ANSWER: SOUTH CAROLINA and MISSISSIPPI

BONUS 4

For the stated number of points, identify the authors who created each of these nautical characters.

1) For 5 points, Horatio Hornblower.

ANSWER: E. M. FORSTER

2) For 10 points, Wolf Larsen

ANSWER: Jack LONDON

3) For 15 points, Captain Jack Aubrey

ANSWER: Patrick O'BRIEN

BONUS 5

30-20-10 name the author from the works.

30) Night Rider, and the Circus in the Attic

20) Audobon, a Vision, and At Heaven's Gate

10) All the King's Men

ANSWER: Robert Penn WARREN

BONUS 6

FTPE, give the name of the Wonder Years alumnus who has gone on to the following career path.

1) From teacher Mr. Cantwell to the host of a Comedy Central game show

ANSWER: Ben STEIN

2) From Coach Cutlip to a character on Star Trek: Voyager

ANSWER: Robert PICARDO

3) From voicing the narration to the movies Home Alone and Celtic Pride

ANSWER: Daniel STERN

BONUS 7

For a computer language or operating system to be considered object-oriented it must have three properties. Given the description, give the computer science term for ten points each.

1) Object A hides its data from object B. Only A's functions can be accessed by B.

ANSWER: _ENCAPSULATION_

2) Many objects of different types can be stored inside another object.

ANSWER: _POLYMORPHISM_

3) Object A acquires the properties of object B. All functions that operate on B now operate on A, but A can have additional functions. Windows 95 and Windows NT lack this property.

ANSWER: _INHERITANCE_

BONUS 8

Pencils and paper ready. Let S be the set of all integers which can be written as a times the log base 10 of 2, plus b times the log base ten of 3, plus c times the log base ten of 7, plus d for some integers a, b, c, and d. In other words, if n is in S, then given the values of log 2, log 3, and log 7, an exact value of log n can be computed.

F5PE, and a five point bonus for all correct, give the values of the five smallest positive integers which are NOT in set S. Thus, their logarithms cannot be exactly computed given the values of log 2, log 3, and log 7.

ANSWER: 11, 13, 17, 19, 22

BONUS 9

Given an mineral, name a metal it contains for ten points.

1) Bornite

ANSWER: _COPPER_ or _IRON_

2) Sphalerite

ANSWER: _ZINC_ or _IRON_

3) Orthoclase

ANSWER: _POTASSIUM_ or _ALUMINUM_

BONUS 10

The Seventh First [sic] Annual Ig Nobel Prize Ceremony took place earlier this month here in our fair city. FTP each, answer these questions about the 1997 winners, individuals whose achievements "cannot or should not be reproduced".

1) The Economics prize was won by Akihiro Yokoi of Wiz Company and Aki Maita of Bandai Company, for what invention responsible for "diverting millions of person-hours of work into the husbandry of virtual pets"?

ANSWER: _TAMAGOTCHI_

2) "Neither rain nor sleet nor dark of night have stayed this self-appointed courier from delivering electronic junk mail to all the

world". The winner of the Communications prize is what president of Cyber Promotions?

ANSWER: Sanford (accept "Spamford") _WALLACE_

3) The Biology prize was won by the authors of a paper in the journal _Neuropsychobiology_ on the effects of different flavors of chewing gum on what measure of brainwave activity?

ANSWER: Multichannel _EEG_ or _ELECTROENCEPHALOGRAPH_
(Do not accept electroencephalograph, which is the measuring apparatus.)

BONUS 11

Answer the following about Clinton Cabinet members under investigation

1) For five points each, name the three former Clinton Cabinet members who had special prosecutors investigating them.

ANSWER: Mike _ESPY_, Ron _BROWN_, and Henry _CISNEROS_

2) The Justice Department has opened a 30-day review of evidence suggesting that political donations from big Democratic givers prompted this Cabinet member to kill an Indian casino proposal.

ANSWER: Bruce _BABBITT_

BONUS 12

Last month's meeting of the World Bank featured a flamewar between two outspoken senior citizens. For 10 points each:

1) What Malaysian prime minister lashed out at currency traders, saying that their activities are "unnecessary, unproductive and immoral" and "should be made illegal"?

ANSWER: _MAHATHIR_ Mohamad

2) What American billionaire currency speculator responded by calling Prime Minister Mahathir "a menace to his own country" who has been using him "as a scapegoat to cover up his own failure"?

ANSWER: George _SOROS_ [accept original pronunciation "SURE-uhsh"]

3) Name the Malaysian currency that reached its lowest level since 1973.

ANSWER: _RINGGIT_

BONUS 13

Beethoven wrote nine symphonies. I'll give you the name of the composer, you give me the number of symphonies he wrote in his lifetime. Good for five points each, ten point bonus for all four:

1) Peter Ilich Tchaikovsky

ANSWER: 6

2) Ralph Vaughan Williams

ANSWER: 9

3) Jean Sibelius

ANSWER: 7

4) Antonin Dvorak

ANSWER: 9

BONUS 14

Identify the following cheeses for ten points each.

1) This cheese, the premier Italian blue, comes in "Dolce" (DOL-cheh) and "Mountain" varieties.

ANSWER: GORGONZOLA

2) This cheese from the Normandy region of France is similar to Brie. It was part of the iron rations given to French soldiers during World War One.

ANSWER: CAMEMBERT (CAM-em-Bare)

3) This cheese is traditionally made with goat's or sheep's milk, and has a crumbly texture and strong flavour. Mentioned in the Odyssey, it remains Greece's most famous cheese.

ANSWER: FETA

BONUS 15

If you make a lot of overseas calls, then this bonus is for you. [Hand out map.] The world is divided into nine regions according to the first digit of their country code. Region I, which includes the U.S., is unique in that it's treated as a single country with a code of 1. For 10 points each, pick any three other lettered regions on the map and tell me the common first digit of their country codes.

ANSWERS:

- A - 7
- B - 8
- C - 6
- D - 9
- E - 4
- F - 3
- G - 2
- H - 5

BONUS 16

FTPE, answer these questions about Caleb Carr, the author of the Alienist.

1) First, what director of In & Out recently bought the rights to the Alienist for half a million dollars?

ANSWER: Scott RUDIN

2) What is the name of the recently released sequel to the Alienist?

ANSWER: The ANGEL of DARKNESS

3) What is the name of his 1992 novel about a 19th century mercenary, Frederick Townsend Ward?

ANSWER: DEVIL'S SOLDIER

BONUS 17

Here is your bonus all about the novelty song "Barbie Girl" that has sparked much fervor and a law suit recently.

1) First, what group performs the song?

ANSWER: AQUA

2) From what country does, Aqua hail?

ANSWER: DENMARK

3) What album would you find "Barbie Girl" on?

ANSWER: AQUARIUM

BONUS 18

Answer the following questions about tonight's Game Six of the World Series for ten points each.

1) The game will be played at Pro Player Stadium, near Miami. This stadium was originally named for the now-deceased owner of the Miami Dolphins, who built the stadium. Name him.

ANSWER: Joe ROBBIE

2) This twelve-year veteran may be on the bench tonight for Florida because pitchers have to hit in the National League park, but he came through with a clutch two-run home run in Game 3, and an RBI double in game 4 while serving as Florida's designated hitter. Name him.

ANSWER: Jim EISENREICH

3) This right-hander, Cleveland's projected starter for Game Six, got the win in Game Two when his teammates scored six runs for him, after scoring none for him in his first 19 1/3 innings of postseason work. Name him.

Chad OGEEA

BONUS 19

Given the description of a price index, name it for fifteen points each.

1) To calculate this index, determine how much it would cost this year to purchase the bundle of goods from the previous year, and divide by the previous year's price for this same bundle. The CPI is an example of this type of index.

ANSWER: LASPEYRES index

2) To calculate this index, take this year's purchases, and divide their cost this year by the cost to purchase this same bundle in the previous year. The Bureau of Labor Statistics uses this type of index for its inflation estimates.

ANSWER: PAASCHE index.

BONUS 20

Identify religions from clues for ten points each.

1) This religion, founded in 1863 by Mirza Hosein 'Ali Nuri, believes in the unity of all people and all religions.

ANSWER: BAHA'I [BAH-ha-ee]

2) This Christian movement, founded in South Korea in 1954, stresses the importance of the family.

ANSWER: The Holy Spirit Association for the UNIFICATION of World Christianity (Prompt on Sun Myung Moon.)

3) This parody religion, led by J. R. "Bob" Dobbs, focuses on the attainment of slack.

ANSWER: The CHURCH OF THE SUBGENIUS (prompt on "SubGenius")