

Beaver Bonspiel 5 - Oct. 24, 1998

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TOSSUPS

TOSSUP 1

In general relativity it describes the rank two tensor that is used to change contravariant vectors into covariant ones. In mathematics it is any function from two elements in a set to the nonnegative real numbers such that it is the same regardless of the order of the elements, vanishes if the elements are identical, and obeys the triangle inequality. FTP identify this word, which more colloquially also describes a system of measurement used in most of the world.

ANSWER: METRIC

TOSSUP 2

Pirates great Willie Stargell said that trying to hit this pitcher's curveball was like trying to eat coffee with a fork. Columnist Bill Conlin remarked that his pitching for the woeful Philllies of the early 70's was like a Pulitzer Prize winner writing for Jack and Jill. Though he isn't Grove or Gomez, he is a Hall-of-Famer nicknamed Lefty. FTP, name this first player to win four Cy Young Awards.

ANSWER: Steven Norman CARLTON

TOSSUP 3

John II, the good, Charles V, the wise, Charles VIII, the victorious, Louis XI, the cruel, and Charles VIII, the affable were all kings from this royal house. For ten points, name this French house which also included Francis II, who married Mary, Queen of Scots, and ended with the assassination of Henry III in 1574.

ANSWER: House of VALOIS

TOSSUP 4

An early application of this physics principle was to explain railway sway, in which two trains moving in opposite directions lean towards each other. Among other modern phenomena, it also explains how baseball pitchers can throw curveballs and how airplanes can fly. FTP, name this principle, which states that the pressure in a moving stream of fluid is less than that of the surrounding fluid.

ANSWER: The BERNOULLI PRINCIPLE or THEOREM

TOSSUP 5

This 11th-century novel is a descriptive record of life among the nobility during the Heian [HAY-ahn] period, relating the story of the title Prince and his love of the different women in his life. Reflecting a Buddhist conviction of vanity, it is the oldest full novel in the world. FTP, name this work by Lady Murasaki Shikibu.

ANSWER: THE TALE OF GENJI or GENJI MONOGATARI

TOSSUP 6

Born in 1874 in Pennsylvania to Bavarian-Jewish parents, she was educated both at Radcliffe college and in Europe. While at Radcliffe, she studied psychology with William James, and while in Europe she had her portrait painted by Pablo Picasso. She is quite well-known for her prose-poem "Tender Buttons" and her novel "Q.E.D." For 10 points, name this 20th Century author, poet, and critic.

ANSWER: Gertrude STEIN

TOSSUP 7

In the past year, everything has gone wrong for this world leader. His support of the Taliban has drawn the ire of Iran and his nation may run out of foreign exchange before the end of October. His nation's stock exchange in Karachi has imploded since its May 28 nuclear tests. FTP, name this prime minister of Pakistan who succeeded Benazir Bhutto.

ANSWER: Mian Mohammed Nawaz SHARIF

TOSSUP 8

He adapted the classical temple front to the facades of his villas because it had the dignity suitable for an entrance. His treatise I quattro libri dell'architettura (The Four Books of Architecture) uses his buildings to exemplify the principles of Roman design. FTP, name this 16th century Italian architect and theorist, who designed San Giorgio Maggiore and Il Redentore in Venice and the Villa Rotunda near Vicenza.

ANSWER: Andrea PALLADIO
(accept Andrea di Pietro della Gondola)

TOSSUP 9

Influenced by the Bible, Nietzsche, and Blake, his lyrical outpourings are dominated by themes of love, death, nature, and longing for homeland, and express his deeply religious and mystic nature. FTP, name this Lebanese-American philosophical essayist, novelist, poet, and artist who, in the early 20th century produced such works as The Broken Wings, A Tear and a Smile, The Madman, and The Prophet.

ANSWER: Khalil GIBRAN (accept JIBRAN or JUBRAN)

TOSSUP 10

Like Martin Luther, he accepted the supreme authority of the Scriptures, but applied it more rigorously and comprehensively to all doctrines and practices. He was the only major reformer of the 16th century whose movement did not become a church. FTP, name this man, a big player in the Swiss Protestant Reformation, whose influence were most significant in the city of Zurich, where a statue of him still stands today.

ANSWER: Huldrych (Ulrich) ZWINGLI

TOSSUP 11

He holds the distinction of having a #1 song on the Billboard charts in three different decades. He is one of the most obese rock stars,

once weighing over 300 pounds. Born Marvin Lee Adair, his latest album is "Welcome to the Neighborhood." For ten points, name this famous musician who recorded "Bat out of Hell"

ANSWER: MEATLOAF

TOSSUP 12

Herodotus definitively placed it on Mount Mycale, but for security it was later moved to a location near Ephesus but returned to the mountain in 373 BC. For ten points, name this location, the meeting place of the twelve member-cities of the Ionian League.

ANSWER: PANIONIUM

TOSSUP 13

An American painter and etcher who assimilated Japanese art styles and championed modern art, he did much of his work in England, where he became friends with Dante Gabriel Rossetti and Oscar Wilde. FTP, name this artist, whose works include Nocturne in Black and Gold: The Falling Rocket, Symphony in White No. 1: The White Girl, and Arrangement in Grey and Black, Portrait of the Artist's Mother.

ANSWER: James Abbott McNeill WHISTLER

TOSSUP 14

Openly critical of aristocratic privilege and portraying the abuse of power by aristocrats, this comedy is the story of a resourceful, cunning, and scheming valet, who attempts to save his fiancée, Suzanne, from the clutches of his master, Almaviva, who wants to seduce her. For ten points, name this comedy by Pierre-Augustin Caron de Beaumarchais and later turned into an opera by Mozart.

ANSWER: LE MARIAGE DE FIGARO
or THE MARRIAGE OF FIGARO

TOSSUP 15

He was born in 1776 in Henrico County, and was first recorded in the Virginia census of 1783. But he did not enter the national spotlight until 1800, when he led a far-reaching slave revolt from the plantation of his owner, Thomas Prosser. For ten points, name this slave who is often seen as a messianic figure.

ANSWER: GABRIEL Prosser

TOSSUP 16

A series of shipments took these treasures to England between 1802-12 with one mishap-the HMS Mentor sank in a storm off Cythera in 1804, but luckily the entire cargo was recovered. Now housed in the British Museum, Great Britain and Greece still dispute their ownership. FTP, name this collection of ancient sculptures and architectural details, removed from the Parthenon at Athens and other ancient buildings.

ANSWER: ELGIN MARBLES

TOSSUP 17

His Baccalaureate thesis was titled, "De Principio Individui (On the Principle of the Individual)." and he was widely known throughout Europe as a Metaphysician and logician. FTP, name this German-born philosopher, mathematician, and political advisor, probably most famous for his invention of Differential and integral calculus, working separately from Newton.

ANSWER: Gottfried Wilhelm LEIBNIZ

TOSSUP 18

He was born in Berkeley, Charles City County, Virginia in 1773, the third son of a signer of the Declaration of Independence. He attended Hampden Sydney College, and then became a secretary of the Northwest Territory in 1798. In 1800, he became the first governor of the Indiana Territory and later served in Congress. For ten points, name this Whig, elected president in 1840, who served just 31 days in office.

ANSWER: William Henry HARRISON

TOSSUP 19

Born in Rome and educated in Monaco, he tried to synthesize poetry and the visual arts, ultimately having a significant influence on French poetry and modern art. His outstanding works include The Cubist Painters, The Poet Assassinated, Caligrammes, and Alcools. For ten points, name this friend of Pablo Picasso who is credited with coining the term "surrealist" in reference to one of his dramas.

ANSWER: Guillaume APOLLINAIRE (de Kostrowitsky)

TOSSUP 20

This American social reformer dedicated himself to the plight of the unemployed following the Panic of 1893. He lobbied Congress to spend on public construction in hopes of providing more employment. To generate popular support for these federal relief measures, he led an "army" of unemployed from Ohio to Washington, D.C. in 1894. FTP, name this ill-fated reformer who was arrested, fined and incarcerated for trespassing on the grounds of the U.S. Capitol.

ANSWER: Jacob Sechler COXEY

TOSSUP 21

The museum in his former Paris home contains many of his original experimental materials, including some of the tartaric acid with which he demonstrated optical isomerism, swan-neck flasks with which he disproved the theory of spontaneous generation, and the spinal cords of rabbits afflicted with rabies, with which he produced a vaccine against that disease. FTP, name this founder of germ theory who also developed the anthrax vaccine.

ANSWER: Louis PASTEUR

TOSSUP 22

The practice of bungee jumping originates in a traditional tribal test of courage practiced on this small island-nation close to New Zealand. Villagers from this nation, formerly known as the New Hebrides, plunge

headfirst from high platforms with vines tied to their ankles to break their fall at the last moment. FTP, name this island nation, which makes its capital in the city of Port Vila and uses the Vatu as its chief monetary unit.

ANSWER: Republic of VANUATU

BONI

BONUS 1

Name the following schools of psychology for ten points each.

A. The school championed by Maslow and Carl Rogers, states that people are basically good and they strive for self-fulfillment.

ANSWER: HUMANISM

B. This school of psychology states that the workings of the human mind is analogous to a computer process in that there are input, processing, and output functions.

ANSWER: INFORMATION PROCESSING
or COGNITIVE approach

C. This school tries to identify the roles that organs and physical systems might play in determining behavior.

ANSWER: NEUROPHYSIOLOGY Approach

BONUS 2

Earlier this summer, it was announced that a new semi-autobiographical Ernest Hemingway novel will be posthumously published. This work, an account of Hemingway's safaris in Africa, will be edited by one of Hemingway's sons. FTPE:

A. What is the title of this new work?

ANSWER: TRUTH AT FIRST LIGHT

B. Name Hemingway's famous autobiography recounting his many years in Paris, which was also posthumously published in 1964.

ANSWER: A MOVEABLE FEAST

C. Name this Hemingway novel describing the life of painter Thomas Hudson that was posthumously published in 1970. Set in the Caribbean, this work contains some of the best descriptions of deep-sea fishing ever written and some of Hemingway's finest action scenes.

ANSWER: ISLANDS IN THE STREAM

BONUS 3

Name the following would be assassins, FTPE:

A. These two women attempted to kill Gerald Ford.

ANSWER: Sarah Jane MOORE
Squeaky FROMME

B. This man made the first assassination attempt in American history, trying to kill Andrew Jackson.

ANSWER: Richard LAWRENCE

BONUS 4

Now that the Starr Report has been released, we've all learned a lot more about cigars. FTPE, based on the description, identify the following cigar types:

A. A member of the parejos, or straight-sided, family of cigars, this general category of cigar is characterized by an open "foot" and a rounded "head."

ANSWER: CORONAs

B. Measuring in at 7 inches long and 3/4 inches in diameter, these cigars (a member of the Coronas category) were named after a leader who, like Clinton, really had a passion for cigars.

ANSWER: CHURCHILLs

C. A member of the Figuardos, or irregularly-shaped, family of cigars, this general category of cigar is known as the "giants" of the cigar world. To qualify for entrance into this category, cigars must be at least 8" long.

ANSWER: DIADEMAs

BONUS 5

Answer these questions about Major League Soccer for the stated number of points.

A. Among the 2/3 of all MLS teams which made the playoffs this season were both of the league's new expansion teams. For five points each, name these newest franchises.

Answers: Miami FUSION and Chicago FIRE

B. The MLS playoffs have been dominated by the D.C. United, which has won both of the league's two championships, thanks in large measure to a star midfielder from the Bolivian national team. For ten points, name this playmaker nicknamed "El Diablo."

ANSWER: Marco ETCHEVERRY

C. Another major factor in D.C.'s success has been their head coach, who is now the leading candidate to replace former U.S. national team coach Steve Sampson. FTPE, name him.

ANSWER: Bruce ARENA

BONUS 6

Identify the following poetry terms FTPE:

A. Greek for "a carrying up or back," a device used for emphasis that involves the repetition of a word or phrase at the beginning of several sentences or clauses, as in the well-known passage from the Old Testament that begins "For everything there is a season, and a time/ for every matter under heaven: a time to be born, and a time to die; a time to plant, and a time to pluck up what is planted; . . ."

ANSWER: ANAPHORA or EPANAPHORA

B. A case in which a couplet consists of two lines which are run-on; that is, the meaning of the first line continues into the second.

ANSWER: _ENJAMBMENT_

C. Popular mostly in France, it is a line with 12 syllables with major stresses on the 6th and on the last syllable, and one secondary accent in each half line. It is known as the heroic line in French poetry.

ANSWER: _ALEXANDRINE_

BONUS 7

For the stated number of points, answer the following questions about "cults," otherwise known as neo-religious groups that become the butt of many jokes.

A. (5) This group consists of many recognizable names, such as Kelly Preston and Bruce Willis, and they really don't like being called a cult, claiming legitimacy.

ANSWER: _CHURCH OF SCIENTOLOGY_

B. (10) Give the FULL name of the leader of the Holy Spirit Association For the Unification of World Christianity, whose followers are known as the "moonies"

ANSWER: _SUN MYUNG MOON_, or _MOON SUN MYUNG_

C. (15) Name the leader of Aum Shinrikyo, the group responsible for the gas attacks in Tokyo Subway systems in March of 1995.

ANSWER: _SHOKO ASAHARA_

BONUS 8

Identify the following about an early 20th century art movement, FTPE.

A. This artistic movement was centered in Italy and emphasized the dynamism, speed, energy, and power of the machine and the vitality, change, and restlessness of modern life in general.

ANSWER: _FUTURISM_

B. An Italian-French prose writer, novelist, poet, and dramatist, he was the ideological founder of Futurism, and coined the term Futurism in his Futurist Manifesto.

ANSWER: Filippo Tommaso (Emilio) _MARINETTI_

C. Italian painter, sculptor, and theorist of the Futurist movement in art, he produced "Riot in the Gallery", "The City Rises", "Development of a Bottle in Space," and "Unique Forms of Continuity in Space."

ANSWER: Umberto _BOCCIONI_

BONUS 9

Name the following United States vice-presidents (10 points each):

A. He was Abraham Lincoln's first vice-president.

ANSWER: Hannibal _HAMLIN_

B. He was v-p during Theodore Roosevelt's second term.

ANSWER: Charles W. _FAIRBANKS_

C. He was Herbert Hoover's vice-president.

ANSWER: Charles _CURTIS_

BONUS 10

Eugene O'Neill, won the first of his four Pulitzer Prizes in 1920 for Beyond the Horizon. Identify his other Pulitzer prize-winners, given a short description, FTPE.

A. His second Pulitzer, it tells the story of the daughter of a Swedish captain who is sent to Minnesota and forced to live a life of prostitution, but eventually finds happiness with a likable but unimaginative young sailor.

ANSWER: _ANNA CHRISTIE_

B. His third Pulitzer, it was revolutionary in both style and length. It is the saga of Everywoman, who ritualistically acts out her roles as daughter, wife, mistress, mother, and platonic friend.

ANSWER: _STRANGE INTERLUDE_

C. His fourth Pulitzer, produced posthumously, spans one day in the life of a family, revealing the mother as a defeated drug addict, the father as a man frustrated in his career and a failure as a husband and father, the older son as a bitter alcoholic, and the younger son as a tubercular, disillusioned youth.

ANSWER: _A LONG DAY'S JOURNEY INTO NIGHT_

BONUS 11

To become a celebrity, it seems to help to change their names. Given the following birth names, give their better known stage name, FTPE.

A. Paul Hewson

ANSWER: _BONO_ (of U2)

B. Michael Douglas

ANSWER: Michael _KEATON_

C. Steveland Judkins

ANSWER: Stevie _WONDER_

BONUS 12

Identify these analytical techniques from chemistry for ten points each.

A. J.J. Thomson's apparatus for measuring the charge-mass ratio of the electron was one type of this device, often used to separate isotopes of an element, which uses perpendicular electric and magnetic fields to control the path of a beam of charged particles.

ANSWER: _MASS SPECTROMETER or _MASS SPECTROSCOPY_
(prompt on "mass spec")

B. A technique for qualitative analysis, it involves separating

substances in a mixture by measuring their relative preferences for a solvent and a coating of a solid, such as silica gel or aluminum oxide, on a solvent-resistant plate.

ANSWER: T_hin_L_ayer_C_hromatography

C. This technique is based on the facts that atoms in a vapor give off visible light when excited by heat or an electric current, and that the specific wavelengths produced are unique to a substance. Neon signs are based on this technology.

ANSWER: _EMISSION SPECTROSCOPY_

BONUS 13

Answer these questions about players in the Mideast peace process for the stated number of points.

A. (5) This hawkish former Israeli defense and infrastructure minister was recently named foreign minister by Binyamin Netanyahu in order to appease right wing hardliners.

ANSWER: Ariel _SHARON_

B. (10) He is the leader of the opposition Labor party in the Knesset who took over after Shimon Peres' failed bid to become prime minister.

ANSWER: Ehud _BARAK_

C. (15) The chief Palestinian negotiator; his letter of resignation in protest of the handling of the peace process was rejected by Yasser Arafat.

ANSWER: Saeb _EREKAT_

BONUS 14

The compilation of the Five Classics (Wu Ching) established the core curriculum for Confucian learning and the Chinese civil service examination system. These five books, all associated with Confucius, cover a variety of different subject matter. FTPE name 3 of the 5.

ANSWER: (accept equivalents)

BOOK OF CHANGES or _I CHING_ or _CLASSIC OF CHANGES_
BOOK OF HISTORY or _SHU CHING_ or _CLASSIC OF HISTORY_
BOOK OF POETRY or _SHIH CHING_ or _CLASSIC OF POETRY_
RECORD OF RITES or _LI CHIH_ or _COLLECTION OF RITUALS_
SPRING AND AUTUMN ANNALS or _CHUN-CH' IU_

BONUS 15

Identify the astronomer from the clues, 30-20-10.

30. He invented the 'tuning fork' diagram for galaxies, in which he mistakenly believed that galaxies evolved from being ellipticals to being spirals.

20. He found evidence to support the idea that the Andromeda nebulae was actually a galaxy outside our own, by determining the distance to Cepheid variable stars in that galaxy.

10. By measuring the distances to other galaxies and comparing to their redshifts, he determined that the universe was expanding.

ANSWER: Edwin _HUBBLE_

BONUS 16

For the stated number of points, name the NFL franchise whose defense was once known by these nicknames.

A. (5) The Steel Curtain

ANSWER: Pittsburgh _STEELERS_

B. (10) The Orange Crush

ANSWER: Denver _BRONCOS_

C. (15) The Doomsday Defense

ANSWER: Dallas _COWBOYS_

BONUS 17

Identify the following Cremonese violin makers 5-10-15.

A. (5) The most famous of all violin makers, he devised the modern form of the violin bridge and set the proportions for the modern violin. People believed his secret for such beautiful tone was in the varnish.

ANSWER: Antonio _STRADIVARI_ or _STRADIVARIUS_

B. (10) This family of violin makers utilized an amber-colored varnish on their violins. Most remembered for their evolution of a flat, shallow violin, this family's most famous member, Niccolo was the teacher of Antonio Stradivari.

ANSWER: _AMATI_ family

C. (15) This family, whose head also learned the craft from Niccolo Amati, included members Andrea, Pietro, and Giuseppe del Gesu. They conducted many experiments in tonal production. The robust tone of their instruments attracted Paganini, whose violin is now on display in Genoa.

ANSWER: _GUARNERI_ family or _GUARNERIUS_

BONUS 18

Time to test your physics, for fifteen points each.

A. This quantity named after a French mathematician and physicist is defined for a closed system as the total kinetic energy minus the potential energy.

ANSWER: _LAGRANGIAN_

B. The time-independent form of this equation states that the wavefunction is an eigenvector of the Hamiltonian, with the energy as the eigenvalue.

ANSWER: _SCHRODINGER_'s equation

BONUS 19

Name the schools of philosophical thought, FTPE.

A. A Greco-Roman philosophy that states that one can emulate the

grandeur of the calm and order of the universe by learning to accept events with a stern and tranquil mind.

ANSWER: _STOICISM_

B. Hellenistic school philosophy initiated by Pyrrhon of Elis, which states that no man can know anything for certain nor ever be certain that things he perceives with his senses are real and not illusory.

ANSWER: _SKEPTICISM_

C. The conception that objects of sensory perception or of cognition in general are real in their own right and exist independently of their being known or related to mind.

ANSWER: _REALISM_

BONUS 20

FTP name the cities that Bjork might visit in her European tour to annoy quiet townfolk.

A. It is the capital of Hungary, once known as the "Queen of the Danube"

ANSWER: _BUDAPEST_

B. A city in which the famous supermodel, Claudia Schiffer, was "discovered," it is the capital of North Rhine Westphalia, with its chief industries as iron and steel.

ANSWER: _DUSSELDORF_

C. A French city known for its textiles and gastronomy, and capital of the Rhone department.

ANSWER: _LYON_

BONUS 21

Given a short story, name its author. Ten points on the first clue, 5 points if you need another.

A. (10) "My Double and How He Undid Me"
(5) "The Man Without a Country"

ANSWER: Edward Everett _HALE_

B. (10) "Ball of Fat"
(5) "The Necklace"

ANSWER: Guy de _MAUPASSANT_

C. (10) "Charles"
(5) "The Lottery"

ANSWER: Shirley _JACKSON_

BONUS 22

For ten points, name the highest rated show in each decade as calculated by the Neilsons ratings system. If the second highest rated show is named, five points will be awarded.

A. 1960's:

ANSWER: _BONANZA_(10)_ or _THE RED SKELTON SHOW_(5)_

B. 1970's:

ANSWER: _ALL IN THE FAMILY_(10)_ or _M*A*S*H_(5)_

C. 1980's:

ANSWER: _60 MINUTES_(10)_ or _DALLAS_(5)_