

11/4/02
4/18/05

Beaver Bonspiel 9 Round 3

Packet by Cornell B (Nechama Levy, Chris Sasiadek, Krishna Raghavan, and Eric Margelefsky) and Mike Usher

Tossups

1. This organization's ideals are expressed in its founder's books *Furrow* and *The Way*, the latter of which enjoins the reader to never buy a book without the advice of an experienced Christian. Though it has been accused in works such as Maria del Carmen Tapia's *Beyond the Threshold* of practicing corporal punishment, secrecy, and aggressive recruitment, its founder Josemaria Escriva was canonized on October 6. FTP, name this conservative Catholic organization which purports to help its members "find God in work and daily life."

Answer: Opus Dei

2. Gary Gagliardi has published several versions of this work accompanied by his own writings on such subjects as career building, sales, and management. Archaeological discoveries in tombs at Silver Sparrow and Golden Sparrow Mountains have given scholars new information about this book, whose sections include "Nine Changes," "Nine Terrains," and "Initial Estimations." FTP, what is this work by Sun-tzu which makes killing seem like painting *The Last Supper*?

Answer The Art of War (Ping-fa)

3. They weren't isolated until the 1962 work of George Olah because their ability to react with any nucleophile made them extremely unstable, though they had earlier been known to participate as intermediates in such processes as the Friedel-Crafts reaction. The "nonclassical" ones contain a two-electron bond which connects three atoms, while the "classical" ones contain a trivalent carbon. FTP, name these molecules which have a positive charge localized at a carbon atom.

Answer: carbonium ions (also accept carbocations)

4. After spending his boyhood in Texarkana, Texas, and Sedalia, Missouri, he moved to St. Louis and generally worked under contract to John Stark, though Stark's refusal to publish *The Guest of Honor*, a work which is now lost but probably dealt with Booker T. Washington's visit to the White House, led to a temporary break. After his most ambitious work was finally staged 55 years after he died of syphilis, director George Hill brought him posthumous fame by using his music in *The Sting*. FTP, name this man who composed the opera *Treemonisha* as well as *The Entertainer* and *Maple Leaf Rag*.

Answer: Scott Joplin

5. Its seven-dimensional version satisfies the Malcev identity and can be used to construct non-integrable complex structures on the six-sphere, while its more familiar version satisfies the Jacobi identity, making its non-associativity easier to handle. Appearing in the Lorentz force law and in the definition of torque, its magnitude is equal to the area of the parallelogram spanned by its two arguments. FTP, name this operation which outputs a vector perpendicular to two given vectors.

Answer: cross product (or vector product)

6. Its causes included the prosecution of William Sancroft for his opposition to the Declarations of Indulgence and the birth of a male heir to Queen Mary of Modena. In response to a letter cowritten by the Earl of Danby and Bishop Henry Compton, an army landed at Brixham on November 5, and the defection of John Churchill, the future Duke of Marlboro, led the king to flee to France. FTP, name this bloodless regime change which saw the replacement of the Catholic James II by the Protestant William and Mary on the English throne.

Answer: Glorious Revolution (or Revolution of 1688, or Bloodless Revolution before the word "bloodless" appears)

7. "He was six-and-a-half feet tall, dined on row squirrels -- there was a long jagged scar that ran across his face; what teeth he had were yellow and rotten; his eyes popped and he drooled." He supposedly stabbed his own father with a pair of scissors. In chapter 3, the reader learns that he is really gentle and kind. He leaves chewing gum, Indian-head pennies, and a soap sculpture in the knot-hole of a tree for the

neighborhood children to find. FTP, name this character with real first name Arthur who saves Scout and Jem from Bob Ewell in *To Kill a Mockingbird*.

Answer: Boo Radley (accept either; also accept Arthur Radley early)

8. Romanian, Italian, Russian and German armies all fought at this battle which ended after the Russians executed a number of counter-offensives bearing planetary names such as Uranus and Little Saturn. Field Marshall Friedrich Paulus commanded the doomed German Sixth Army against Soviet commander Vasily Chuikov. For ten points name this World War II battle fought over a city bearing the name of the Soviet leader.

Answer: The Battle of Stalingrad

9. In the early 1850s he wrote weekly reports on slavery for the *New York Times* and he was head of the Military Sanitary Commission during the Civil War, but his experiences on a vacation recorded in *Walks and Talks of an American Farmer in England* had already sparked his interest in another subject. He founded a firm in Brookline, Massachusetts, which operated until 1980 and improved the land near Boston Harbor. FTP, who is this landscape architect who designed such treasures as the UC Berkeley Campus, the park systems of Buffalo and Boston, and New York City's Central Park?

Answer: Frederick Law Olmsted

10. Its first objective was the repeal of the Resumption Act, but its members had to settle for a compromise with the passage of the Bland-Allison Act over President Hayes' veto. Knights of Labor figures Uriah Stephens and Terence Powderley both ran for office on this party's ticket, and its presidential candidates included Cooper Union namesake Peter Cooper, Civil War general Benjamin Butler, and future populist leader James Weaver. FTP, name this party which advocated increased circulation of its namesake form of paper money.

Answer: Greenback Party (or Greenback-Labor Party)

11. This formation occupies an area of about 1.8 million square miles. Shaped like a horseshoe, this 3 billion year old structure presented a major impediment to the construction of the transcontinental railway. For ten points, name this earliest part of North America to rise above sea level, which constitutes the geological foundation of the second largest nation on Earth.

Answer: Canadian Shield

12. His brother is the Libertarian candidate for the office he used to hold, which is awkward because he is a Republican and hence will not endorse him, instead backing incumbent Scott McCallum. To make things even weirder, he now holds an office which he previously had endorsed eliminating. FTP, name this man who implemented controversial school choice and welfare-to-work programs as governor of Wisconsin but now serves as Secretary of Health and Human Services.

Answer: Tommy Thompson

13. Three years after arriving in Paris, this proponent of non-Freudian psychoanalysis joined the *Tel Quel* group in 1969. The author of the semi-autobiographical novel *The Samurai* about 1960's student riots as well as *Black Sun*, a literary study of melancholy, she has more recently published *Hannah Arendt* and *Melanie Klein*, two-thirds of her trilogy on female genius. Co-holder of the Literary Semiology professorship at Columbia, for ten points, who is this Bulgarian-born scholar?

Answer: Julia Kristeva

14. These animals grow up to a weight of 2.5 kg and repel predators by oozing highly poisonous venom out of their parotid glands. Their native range is in South and Central America, but in 1935, 101 of them were transported to Gordonvale, North Queensland, and released. FTP, identify these amphibious pests, with scientific name *Bufo marinus*, introduced to Australia as a disastrously failed biological control for the grey backed cane beetle.

Answer: cane toad (prompt on "giant toad")

15. This duo is the subject of a 2002 mockumentary by Peter Spears, at the conclusion of which one member of the pair kills himself. In 1993, a press release was issued denying rumors that they are gay,

even though they've been living together since 1969. FTP, name these characters, one an anal-retentive pigeon fancier originally voiced by Frank Oz and the other a rubber ducky obsessed man-child originally voiced by Jim Henson.

Answer: Bert and Ernie

16. He is hanged in an *auto-da-fe* during which two people are burned at the stake for not eating bacon, but he survives, and we meet him again as a slave on a ship traveling to Constantinople. He loses an eye and an ear during his treatment for the syphilis that he contracted from Paquette and an arm when his caravan is raided by Arabs, and when he remarks that "All is for the best" during a fire in Constantinople, an officer throws him into the flames. FTP, name this Westphalian philosopher who advocates Leibniz's belief that we live in the best of all possible worlds as a friend and tutor to Candide.

Answer: Dr. Pangloss

17. In 1940 an insurance agent claimed to be this man, though he is more commonly imagined to be either a doorkeeper or a cobbler. Sometimes considered a prototype for a character in Chaucer's *Pardoner's Tale*, he appears in Shelley's *Queen Mab* and in a series of woodcuts by Gustave Dore, and his name has been suggested to be Buttadaeus, Cartaphilus, or Ahasuerus. FTP, identify this person, in reference to whom Jesus proclaimed that "there be some standing here, which shall not taste of death, till they see the kingdom of God."

Answer: The Wandering Jew

18. One river by this name forms from the Grande and Barrancas rivers near Buta Ranquil and empties into the Atlantic south of Bahía Blanca after flowing through northern Patagonia. Another forms in the Llano Estacado and flows into Matagorda Bay after passing by Austin and is the longest river entirely within Texas. FTP, give this name, which also identifies the river which intermittently flows into the Gulf of California after passing through the Morelos, Parker, Glen Canyon and Hoover Dams as well as through the Grand Canyon.

Answer: Colorado River

19. The author of a libretto for an operatic adaptation of *The Golden Ass*, he first gained prominence with pseudonymous columns written for his father's newspaper *The Peterborough Examiner* which were collected as *The Diary of Samuel Marchbanks*. His novels reflect his preoccupation with Jungian psychoanalysis and include the works collected in the *Salterton*, *Cornish*, and *Deptford* trilogies. FTP, name this author known for portraying small-town Canadian life in works like *Tempest-Tost* and *Fifth Business*.

Answer: Robertson Davies

20. Serving as Army Chief of Staff, he effectively ruled the country during the presidencies of Jose Barnet, Miguel Gomez, and Federico Laredo Bru after organizing the "sergeants' revolt," but he eventually took the presidency himself by winning a 1940 election over Ramon Grau. After a voluntary exile in Florida, he returned in 1952 and ruled as a tyrant for seven years, until he was obliged to flee to Spain. FTP name this Cuban dictator replaced by Fidel Castro.

Answer: Fulgencio Batista

21. This poet penned the lines "Like submarines/ on pillows/ that are white because the night is red." Born in 1899, he was one of the first Parisian Surrealists, and one of the few never expelled from the movement. FTP, identify this writer, whose 1923 novel *Death to the Pigs and to the Field of Glory* was followed by collections of poetry including *The Big Game*, *I Won't Stoop to That*, and *From the Hidden Storehouse*.

Answer: Benjamin Peret

22. Works by the same architect include Casa del Fascio in Lake Como and the Santeria kindergarten. In 1938 the project was presented to Mussolini, who wanted to hold off on building the structure until times were a bit calmer. However, the Italian defeat in WWII intervened. FTP, name this never-constructed building designed by Giuseppe Terragni, which was to include spaces called The Dark Wood of Error, Inferno, Purgatorio, and the Paradiso, as an homage to a great Italian author.

Answer: The Danteum

23. Irish Prime Minister Bertie Ahern urged his people to vote yes on this treaty which they rejected last year. Even though all of the other nations of the EU have approved it, Ireland's rejection still would veto any action. Many Irish are afraid ratification would allow a flood of Eastern European immigrants and end Irish military neutrality. FTP what is this treaty concerning EU expansion, named for a place in Southern France?

Answer: Treaty of Nice [Neese] [Editor's note: if you're going to use this, the Irish vote in question happened on October 19, so the question should be updated accordingly]

24. In 1978 an act of Congress established this waterway as a nationally protected area. This river is divided into an upper and lower portion, the lower of which is well known for its class 4 and 5 rapids as it passes through a deep gorge, often called the "Grand Canyon of the East." This river is spanned by the world's highest and longest single-span steel arch bridge. FTP, name this West Virginia river, which, contrary to its name, is one of the oldest in the world.

Answer: New River

25. This American icon was born in 1941 in Duluth, Michigan and wrote a novel called Tarantula at the age of 30. Bo Diddley, Woodie Guthrie, and Huddie Ledbetter were his major influences, and he in turn influenced musicians across America. For ten points, name this musician with given-name Robert Zimmerman, famous for his songs of protest, including "Hurricane" and "Blowin' in the Wind."

Answer: Bob Dylan

Bonus Questions

1. Name the following athletes who have committed cruelty to animals, FTP each:

a) During one fateful spring training game, a pigeon happened to be flying in front of home plate at precisely the moment that a fastball thrown by this Diamondback pitcher was approaching the plate, causing the pigeon to explode in an impressive puff of feathers.

Answer: Randy Johnson

b) In 1995, in the Florida Panthers locker room, a rat was seen scurrying across the floor. It was promptly one-timed across the room by this Panther right winger, prompting fans to hurl rats after every subsequent Panthers goal that season.

Answer: Scott Mellanby

c) During the notorious "fog game" of the 1975 Stanley Cup finals, a bat got into the stadium and was dive-bombing fans. While waiting for a faceoff, this Buffalo Sabre swatted it out of the air, killing it and earning the nickname "Batman."

Answer: Jim Lorentz

2. Featuring a burlesque of the funeral games for Anchises in the *Aeneid*, its main subject is the king of the empires of Dullness and Emptiness, and it culminates in the restoration of night and chaos.

a) FTP, name this satirical epic.

Answer: *The Dunciad*

b) F5P, name the author of *The Dunciad*.

Answer: Alexander Pope

c) F15P, in the final version, this poet laureate and author of *The Careless Husband* is depicted as the King of the Dunces.

Answer: Colley Cibber

3. For five points each, given the name of a musician, state the instrument he or she is best known for playing

a) Wynton Marsalis

Answer: trumpet

b) James Galway

Answer: flute

- c) Charles Mingus
Answer: bass
- d) Ashley MacIsaac
Answer: violin (accept fiddle)
- e) Sviatoslav Richter
Answer: piano
- f) Sonny Rollins
Answer: tenor saxophone

4. A swath of land in the Sahara Desert doesn't seem like something to fight over, unless of course it has large deposits of uranium and oil. Bitterly contested since 1960, in 1987, president Hissene Habre led an offensive to capture this area, and Muammar Qadhafi responded with massive bombings.

a) For 15 points, name this hot spot in Northern Africa.

Answer: Aozou Strip

b) For 5 points each, name the two countries that have battled over the Aozou Strip, and for an additional five state which one of them was awarded the land in a 1994 International Court of Justice ruling.

Answer: Libya and Chad; Chad won the ruling

5. Name these Hindu goddesses, FTPE.

a) Like Aphrodite, this goddess of good fortune and beauty was born out of the milky foam of the waves. She is the consort of Vishnu.

Answer: Lakshmi

b) The goddess of music, poetry and wisdom, her four hands represent mind, intellect, alertness and ego. She rides on a swan and sits on a white lotus.

Answer: Saraswati (also accept Brahmi)

c) Her name is Sanskrit for a fort or stronghold. Also called Divine Mother, she protects mankind from evil and misery by destroying evil forces such as selfishness, jealousy, prejudice, hatred, anger, and ego.

Answer: Durga

6. Identify these avian extra-embryonic membranes, FTP each:

a) This membrane holds together the embryo's food source, and connects to the embryo via an umbilicus.

Answer: yolk sack or vitelline membrane

b) This membrane is derived from embryonic ectoderm and encloses the embryo in a fluid environment.

Answer: amnion

c) This membrane develops from the embryonic hindgut and functions to store urea waste.

Answer: allantois

7. Name the author and title of these demonically-titled works, for 5 points per answer:

a) This work introduces a new pantheon of deities, including Moloch, Bilé, Dagon, and Yao Tzin and makes a logical argument for the life of decadence and debauchery.

Answer: The *Satanic Bible*; Anton LaVey

b) One of its author's "Three Plays for Puritans," this work features Dick Dudgeon, who defies his conservative family during the American Revolution.

Answer: The *Devil's Disciple*; George Bernard Shaw

c) In this novel, two men, Gibreel Farishta and Saladin Chamcha, survive from a hijacked airplane which explodes above the English Channel.

Answer: The *Satanic Verses*; Salman Rushdie

8. Answer the following questions about the origins of International Workers Day, FTPE

a) May Day originated when this organization passed a resolution proclaiming an 8-hour workday effective May 1st, 1886.

Answer: the American Federation of Labor

b) On May 3rd, 1886, four workers were fatally shot by police while listening to a speech by this anarchist at a rally outside the McCormick Reaper Works.

Answer: August Spies

c) Protesting the police attacks, Spies called for a rally which took place on May 4th, 1886, at this Chicago

site.

Answer: Haymarket Square

9. Name these inventors of important devices used by particle physicists, FTP each:

a) Though his early 1931 models were a mere 4 inches across, this physicist's cyclotrons would become huge particle accelerators used worldwide.

Answer: Ernest Orlando Lawrence

b) This meteorologist's attempts to duplicate the effects of certain mountaintop clouds in the laboratory led to his invention of the cloud chamber.

Answer: Charles Thompson Rees Wilson

c) This native of Cleveland, Ohio, conceived of the idea for the bubble chamber by watching the bubbles in a glass of beer.

Answer: Donald Glaser

10. Given the opening line of a poem, give both the poem's title and its author, FFP per answer:

a) "I saw eternity the other night"

Answer: ``The World"; Henry Vaughan

b) "Oh what can ail thee, knight-at-arms, alone and palely loitering?"

Answer: ``La Belle Dame Sans Merci"; John Keats

c) "That is no country for old men"

Answer: ``Sailing to Byzantium"; William Butler Yeats

11. Answer the following about Johann Sebastian Bach, FTP each:

a) Name either of his wives, who combined to give him 20 children.

Answer: Maria Barbara Bach or Anna Magdalena Bach (*nee* Wilcken)

b) Name Bach's three-movement work with a title reflecting the influence of such composers as Vivaldi and Corelli, which was published along with the French Overture in 1735.

Answer: Italian Concerto

c) Name the prominent composer who renewed interest in Bach in 1829 by conducting the first performance of Bach's *St. Matthew's Passion* since Bach's death.

Answer. Felix Mendelssohn

12. FTP each, name these eponymous mathematical theorems from their statements:

a) The dual of Brianchon's theorem, it states if the sides of a hexagram are extended indefinitely, their three pairs of opposite sides will intersect in collinear points.

Answer: Pascal's Mystic Hexagram Theorem

b) P is a prime if and only if one plus the factorial of p minus 1 is a multiple of p

Answer: Wilson's Theorem

c) If f is a continuous, differentiable function on the interval a,b and the f is zero at both a and b, then there exists at least one point on that interval where the derivative of f is zero.

Answer: Rolle's Theorem

13. OK, so Civilization III was a big disappointment, one of its few new features was the introduction of civilization specific units. Given a civ, for five points name its specific unit.

a) Zulu

Answer: impi

b) Germans

Answer: panzer (do not accept "tank")

c) Persians

Answer: immortals

d) Chinese

Answer: riders

e) Russians

Answer: cozzacks

f) Americans

Answer: F-15

14. The Platt Amendment; boy wasn't that whack? Answer these questions testing your knowledge of that little tid-bit of American imperialism, FTPE.

a) In what year did the US pass the measure?

Answer: 1901

b) What Secretary of War and later Nobel Peace Prize winner formulated the amendment as it was presented to the Senate by Platt?

Answer: Elihu Root

c) What island, now part of Cuba, was specifically excluded from Cuba's boundaries by the Platt Amendment?

Answer: the Isle of Pines (or Isle of Youth or Isla de Pinos or Isla de la Juventud)

15. Given the year, for ten points name the loser of the World Series held during that year. You'll get five if you need that year's winner.

10: 1974

5: The winner was the Oakland Athletics

Answer: Los Angeles Dodgers (accept city or team name)

10: 1988

5: The winner was the Los Angeles Dodgers

Answer: Oakland Athletics (accept city or team name)

10: 1997

5: The winner was the Florida Marlins.

Answer: Cleveland Indians (accept city or team name)

16. James Bond may be a World War II veteran, but he still moves like a cat. Answer these questions about his movies FTPE:

a) This is the movie in whose opening sequence Bond escapes by skiing off a cliff and opening a Union Jack parachute.

Answer: The Spy who Loved Me

b) Until 2002's *Die Another Day* is graced with a cameo by Madonna, there is only one Bond flick in which the singer of the opening track appears in the film. Name it.

Answer: For Your Eyes Only

c) Most Bond fans like to pretend it was never made. Name this disaster of a film, the only starring George Lazenby as 007.

Answer: On Her Majesty's Secret Service

17. Name these wars, FTP each

a) The normally bellicose Theodore Roosevelt won the Nobel Peace Prize in part for negotiating the Treaty of Portsmouth, which ended this war.

Answer: Russo-Japanese War

b) In this short war, a victory by Helmuth von Moltke at Koniggratz helped earn his country sole control of Schleswig-Holstein.

Answer: Austro-Prussian War (or Seven Weeks' War)

c) When in 1925, the pet of a Greek soldier wandered across the border into Macedonia, the soldier ran after it and was shot by a Bulgarian guard. The Greek troops became so angry that they invaded Bulgaria. More than 50 men were killed before the League of Nations intervened and stopped this war.

Answer: The War of the Stray Dog

18. Herbal supplements. Is there nothing they can't do? Given the supposed therapeutic effects of a supplement, name it FTPE.

a) With a name coming from a Latin verb meaning "to be in good health," its odor when drying is similar to smelly socks. This root is used as a painkiller and to induce sleep, as well as to treat high blood pressure, migraines, and was actually used as a condiment during the Middle Ages.

Answer: valerian root

b) This herb with yellow flowers has been used for centuries to treat mental disorders. This veritable

panacea is used as a sedative and antimalarial agent as well as a balm for wounds, burns, and insect bites. It's said to alleviate depression, anxiety, seasonal affective disorder, and sleep disorders.

Answer: St. John's Wort

c) This supplement from the purple coneflower stimulates the immune system. Using a tincture of it as a mouthwash will cure your gingivitis.

Answer: echinacea

19. For 5 points each, name the capitals of the following Canadian provinces:

a) Nova Scotia

Answer: Halifax

b) New Brunswick

Answer: Fredericton

c) British Columbia

Answer: Victoria

d) Alberta

Answer: Edmonton

e) Prince Edward Island

Answer: Charlottetown

f) Saskatchewan

Answer: Regina

20. Answer the following questions about Tibetan Sky Burial:

a) F5P, sky burial involves allowing which birds to eat the flesh off of a three-day-old corpse?

Answer: vultures

b) FTP, in the ritual's next step, the skeleton that remains is then pounded into splinters and mixed with what grain to induce birds to eat it?

Answer: tsampa (accept roasted barley flour)

c) F15P, the vultures which eat the corpse are said to be which spirits, whose name in Tibetan literally means "sky goers"?

Answer: dakinis

21. Identify the following characters from Norton Juster's 1961 book, *The Phantom Tollbooth*:

a) F5P, this protagonist of the book shares his name with a Nestlé powdered chocolate drink product invented in 1934.

Answer: Milo

b) F5P each, Milo is charged with saving these two princesses, who are held captive by the Mathemagician in the Castle in the Air.

Answer: Rhyme and Reason

c) F15P, this well-dressed but physically faceless man charges Milo with moving an enormous pile of fine sand using a pair of tweezers.

Answer: The Terrible Trivium

22. When you turn a ketchup bottle upside down, the ketchup very often refuses to flow out. As in many other cases, science can come to the rescue!

a) For 10 points, ketchup doesn't immediately flow because there is a minimum amount of stress that must be applied before flow begins, the so-called "yield stress." Therefore the equation stating that shear stress equals viscosity times shear rate does not apply. Thus ketchup must be what type of fluid?

Answer: non-newtonian

b) For another 10, If the ketchup flowed with constant viscosity at any flow rate after its yield stress was met, then it would be classified as what more specific type of fluid?

Answer: Bingham or ideal plastic fluid

c) For a final 10 points: some impatient people will try to coax out the ketchup by sticking a knife in the bottle. If you agitate the ketchup with a knife, and its viscosity is seen to decrease, what sort of fluid property is being exhibited?

Answer: shear-thinning or pseudo-plasticity

23. Identify the following terms from autistic slang for the stated number of points:

a) F5P, this conjoined word refers to books such as *Life behind Glass: A Personal Account of Autism Spectrum Disorder* and *A Real Person: Life on the Outside*.

Answer: Autiebiography

b) For 10, this abbreviation refers to a perserverative or merely obsessive interest or activity.

Answer: stimming

c) For 15, this title refers to a person who is neither autistic, nor suffering from neurological conditions such as Hydrocephalus, Tourette's syndrome, or ADD.

Answer: neurotypical

24. 30-20-10, name the visual artist from works:

30- "Rumblings of the Earth," "The Watchful Spirit," "Altar for Elleguá"

20- "Malemo, God of the Crossroads," illustrations for the book *Fata Morgana*

10- "The Chair," "Caribbean Bird," "The Jungle"

Answer: Wilfredo Lam

25. Given the Greek name, give the Roman name for the following gods.

a) F5P, Apollo

Answer: Apollo

b) FTP, Artemis

Answer: Diana

c) F15P, Hades

Answer: Dis (accept Pluto)