

10/31/02  
4/18/05

## Beaver Bonspiel IX Round 5

Packet by Brandeis (Ted Stratton, et al.)

### Tossups

1. His father is a ball-turret gunner in WWII who becomes an invalid and his mother is a nurse who fertilizes herself with the gunner when he is barely conscious and later becomes a feminist leader ahead of her times. His life, described as rich with "lunacy and sorrow," culminates in the thought that we are just all terminal cases. Portrayed by Robin Williams on film, FTP, who is this character, the world according to whom is depicted in a John Irving novel?

Answer: T.S. Garp

2. This band was founded in late 1980 when keyboardist Gillian Gilbert was hired by Bernard Sumner, Peter Hook, and Steven Morris after the suicide of Ian Curtis, the lead singer of Joy Division. After the unpopular album *Movement*, this Manchester band redesigned itself and released the best selling 12 inch single in history. Recently chronicled in the movie *24 Hour Party People*, FTP, what is this band best known for the song "Blue Monday"?

Answer: New Order

3. He had a famous weakness for a former Russian slave known as Roxelana, who exerted considerable influence after their marriage. His military feats included defeating a Venetian and Spanish fleet in 1538 and winning the Battle of Mohács in 1526, thus earning control of Hungary. Closer to home, his people referred to him as *Kanuni*, or "the law-giver," and he had many great buildings built, including a Mosque complex named after him in Istanbul. FTP, name Ottoman sultan and son of Selim I viewed by many as the greatest Muslim leader of all time.

Answer: Suleyman I or Suleyman the Magnificent

4. His name appears as the second half of the name of a technique in molecular physics in which nuclei are assumed to be motionless in order to approximate the wave functions of electrons which he codeveloped with Max Born. His brother Frank founded the Exploratorium Science Museum in San Francisco after both brothers were blacklisted. Several years earlier, he famously quoted the *Bhagavad-Gita*, saying "I am death, the destroyer of worlds" at a site near the boarding school he had attended as a child in New Mexico. FTP, name this head of the Manhattan Project.

Answer: Julius Robert Oppenheimer

5. This French artist lived a short and secretive life, dying at 31 and managing to keep even his friends from knowing of the existence of his mistress, who served as the model for his *Young Woman Holding a Powder Puff*. Influenced by conversations with the 100 year-old chemist Michel Chevreul about the chromatic circle of light, he painted many seascapes inspired by his summers during the 1880s on France's northern coast, but is better known for his larger works, one of which, *Chahut* (Sha-OO), depicts dancers at a Montmartre nightclub. FTP, name the neo-impressionist painter of "Sunday Afternoon on the Island of the Grand-Jatte", considered the founder of pointillism.

Answer: Georges Seurat

6. A part of the trilogy of harvest festivals, observation of this holiday was traditionally viewed as necessary to ensure that God would provide rain during the coming winter. In olden times it required the people to make a pilgrimage to the Temple bearing willow, myrtle branches, a certain citrus fruit, and palms as examples of the fruit of the earth provided by God. FTP, name this holiday beginning on the 15th of Tishri that also commemorates the Jews' wanderings in the Sinai Desert with the construction of booths known as "sukkahs".

Answer: Sukkoth (or Feast of Tabernacles)

7. In his closing address, Henry Morgenthau hailed this 22-day meeting as a sign that "the people of the earth are learning how to join hands and work in unity" and that the present war had taught the world the importance of international cooperation. In 1971, the Smithsonian Agreement reversed one of its decisions

by devaluing the US dollar relative to gold, but the two organizations it created are still active. Sharing its name with New Hampshire's largest ski resort, FTP, what is this 1944 conference which spawned the World Bank and the IMF?

Answer: Bretton Woods conference

8. In 1079, while working in the Esfahan observatory, he measured the length of a year in days to 11 decimal places, obtaining a value which is still considered valid to 5 places. Seven years earlier, he wrote *Treatise on Demonstration of Problems of Algebra*, in which he included a complete classification of cubic equations with geometric solutions found using intersections with conic sections. FTP, name this Persian thinker who became more famous in the west thanks to Edward FitzGerald's 1859 English translation of his poetic masterpiece, the *Rubaiyat*.

Answer: Omar Khayyam

9. It gets its water from the Marana and the Ausa as well as from a namesake stream which flows into the Marecchia River. Thanks partly to the fact that the mineral resources of Monte Titano have long been exhausted, tourism accounts for more than 50% of its GDP, and in 1997 3.3 million people - over 120 times the local population - visited this nation. It claims to be both the oldest and the most serene republic in the world, and was founded by a saint on September 3, 301. FTP, name this enclave, the third smallest country in Europe.

Answer: San Marino

10. Marcella Hazan introduced America to it in 1973 in her now-classic cookbooks, and Luciano Pavarotti is known to be a big fan. The best ones can fetch upwards of \$500, especially those that have been aged for 30 years or more. It was first produced 600 years ago, when the Duke of Modena (MO-de-na) reserved it for his own personal use. True ones can only come from two small provinces in Northern Italy, where it is made with the Trebbiano grape. FTP, name this condiment, whose most famous producer is Bertolli, a vinegar with a name meaning "healing" in Italian.

Answer: balsamic vinegar (*aceto balsamico*) (prompt on "vinegar" early)

11. On July 3 in Guildhall Art Gallery, a vandal decapitated a statue of this author of the recent book *Statecraft*. Her career advanced shortly after the so-called "winter of discontent," though she had earlier drawn controversy for eliminating a program which provided free milk to schoolchildren while serving as Secretary of State for education and science under Edward Heath. Often blamed for the prevalence of depressing music in 1980's Britain, FTP, who is this first female British Prime Minister?

Answer: Margaret Thatcher

12. It is described as "having its roots in primitive arcade games...a consensual hallucination experienced daily by billions of legitimate operators" in William Gibson's *Neuromancer*, which also referred to it as [\*] *cyberspace*. More recently, it has been described as simply electrical signals interpreted by the brain, a splinter in your mind, or the desert of the real. FTP, what is this term used also in mathematics and geology, most famously known as the world inhabited by Trintiy, Morpheus, and Neo.

Answer: The Matrix (accept "cyberspace" before the \*)

13. Commercially, this compound class is produced in a dehydration process by heating an alcohol with sulfuric acid, but in a laboratory it can be prepared by the reaction of an alkyl halide with a sodium alkoxide, also known as the Williamson synthesis. Epoxides are a special class of the cyclic variety of, for ten points, which class of organic compounds characterized by two hydrocarbon groups joined by single bonds to an oxygen atom?

Answer: ether

14. Decoud kills himself out of loneliness after the title character departs from the island to which they have traveled at the behest of Dr. Monygham and Charles Gould, who has discovered that political unrest is threatening the profitability of his silver mine. When the dust clears, the province of Sulaco has been enriched by the metal, but the silver has destroyed or at least perverted all those connected with it. For ten points, identify this 1904 Joseph Conrad novel about the fictional South American nation of Costaguana,

whose title character's name means "our man."

Answer: Nostramo

15. It has been found on over 5,000 tablets, at such sites as Tiryns, Pylos, Chania, Mycenae, and Knossos. Initially discovered by Arthur Evans, almost everything known to have been written in it has been translated, although its earlier form has yet to be decoded. FTP, name this script that was adapted by the Mycenaeans from the Minoans, deciphered in 1953 by Michael Ventris.

Answer: Linear B

16. Lydia Kavina and Clara Reisenberg Rockmore are considered two of the greatest virtuosos on this instrument, of which Edgar Varèse specifically commissioned two for the original version of his *Ecuatorial*. It uses two antennae which produce very high-frequency sound waves, which interfere with each other to yield an audible pitch that can be controlled by the movement of a hand. Used in such films as *Mars Attacks!* and *Plan 9 from Outer Space*, FTP, what is this earliest notable electronic instrument, best known for its use in the Beach Boys' *Good Vibrations*?

Answer: theremin

17. One genus in this order of rhizopods is responsible for a form of keratitis as well as a version of encephalitis called GAE, while another genus, *Naegleria*, is responsible for a disease similar to meningitis. Its most dangerous species, *histolytica*, infects both the brain and the alimentary tract and causes a namesake form of dysentery. With members characterized by their ability to move using pseudopodia, FTP, what is this order of blob-like unicellular protists whose most famous species, *proteus*, was often seen in *The Far Side*?

Answer: amoeba (or amoebida)

18. He and his entire family were either killed or sold into slavery by the Romans after a street riot, which he himself accidentally incited. He served as a slave in the mines and then on a trireme. Later, he gained his freedom, as well as a large fortune, when he saved the life of his commanding officer during a naval battle. For ten points, name this man with first name Judah who was the title character of an 1880 Lew Wallace novel and who, in a 1959 William Wyler film, was played by Charlton Heston.

Answer: Judah Ben-Hur

19. It was governed by a pair of Johans, Printz and Rising, between 1643 and 1655. Johan Printz built up its fur trade, and established a second capital on Tinicum Island, about a decade after Peter Minuit constructed a capital at Fort Christina. In 1655 New Netherland conquered, for ten points, what early Scandinavian-American colony located in parts of present-day Pennsylvania, New Jersey, and Delaware?

Answer: New Sweden

20. Born near Tula on the Coatepec Mountain, his four hundred brothers and his sister tried to kill him, but he killed them all with his turquoise snake. His legs, arms, and the lower half of his face were painted blue, while the top half of his face was painted black, and his armor and helmet were made of hummingbird feathers. For ten points, identify this son of Coatlicue, the Aztec god of both war and the Sun.

Answer: Huitzilopochtli (wee-see-loh-POSHT-lee)

21. It has a history in America stretching back to colonial times, as it was one of the first cash crops the US had. The first examples of its regulation in the United States began in 1914, when local towns in Texas banned it as a response to prejudicial attitudes they had concerning Mexicans. Soon it began to be associated with African Americans, which led to the proliferation of opinion against it around the nation. FTP, name this crop that was for all intents and purposes banned in 1937 in the Marihuana Tax Act.

Answer: Hemp or Cannabis (do not accept any slang terms)

### Bonus Questions

1. Answer these questions about Russian myth FTPE

a) Probably the most famous character in Russian myth is this witch whose name means "old woman hag." She lived in a hut built on fowl's legs.

Answer: Baba-Yaga

b) This wily archer and adventurer defeated Baba-Yaga numerous times. His wife was a bird that had turned into a woman. He is also the subject of a famous ballet.

Answer: Petrushka

c) In one story from Russian myth, this girl, who owned a magic doll which did her chores for her as she slept, was sent by her evil stepsisters to Baba Yaga's hut in order to retrieve fire for the family.

Answer: Vasilisa the Brave (or the Beautiful)

2. Name this 19<sup>th</sup> century literary character, 30-20-10:

30: As an alchemist, he stayed behind in his native Amsterdam to study as his wife left the country.

20: When he decides to follow her to the New World, he is captured by natives, but learns many natural remedies from them that aid his studies.

10: When he finally is released by the natives and searches for his wife, he encounters her in the middle of public humiliation upon scaffolds with a baby fathered by Arthur Dimmesdale.

Answer: Roger Chillingworth

3. FTP each, name these people who considered issues of evolution before Darwin:

a) This man is famous for founding the field of comparative anatomy as well as his philosophy of "revolutions".

Answer: Georges Cuvier

b) His theory of the inheritance of acquired characteristics was one of the primary influences on Darwin.

Answer: Jean-Baptiste Lamarck

c) This famous natural theologian is remembered for using the metaphor of the blind watchmaker to explain how the world works.

Answer: Walter Paley

4. Name the following 1972 Democratic presidential candidates for ten points each.

a) This candidate, who won the nomination, used a taped endorsement from the four years deceased Robert Kennedy in his radio ads.

Answer: George McGovern

b) This candidate fell off his platform several times during his largely unsuccessful *Sunshine Special* train campaign in Florida.

Answer: Edward Muskie

c) This candidate was the first black woman to mount a serious campaign for President

Answer: Shirley Chisholm

5. Given an art museum, name the architect who designed it.

a) F5P, the Guggenheim Museum in New York

Answer: Frank Lloyd Wright

b) FTP, the Guggenheim Museum in Bilbao, Spain

Answer: Frank Gehry

c) F5P, The East Wing of the National Gallery of Art in Washington

Answer: Ieoh Ming Pei

d) FTP, The Getty Center in Los Angeles

Answer: Richard Meier

6. Answer the following questions about subatomic particles for ten points each

a) This lepton with mass 207 times that of the electron was mistakenly thought to be a particle predicted by Hideki Yukawa when it was discovered in 1936.

Answer: Muon

b) Named by Fermi, this particle was thought to be massless until recent experiments at the Super Kamiokande detector.

Answer: Neutrino

c) This quark, with a mass over 30 times that of the second-heaviest quark, was discovered at Fermilab in 1995.

Answer: top quark

7. Six Flags over Texas isn't just a theme park. Texas has been ruled by 6 separate nations. Name them, for 10 points each after the first 3:

Answers: Spain, Mexico, France, Republic of Texas, Confederate States of America (or Confederacy), United States of America (accept equivalents)

8. Short, freeform solo piano pieces were very popular in the 19th Century, and went by many names. Give the name of the type of piano piece described, 5-10-15.

a) Liszt was fond of these, writing 19 "Hungarian" examples.

Answer: rhapsody(ies)

b) John Field invented the title, but it was Chopin that made it famous. His example in E flat major is particularly well loved.

Answer: nocturne

c) This martial dance was alternated with waltzes in Schumann's "Papillons."

Answer: polonaise

9. Given a famous line from a poem, name the author FTPE, or FFP if you need the title of the poem

a) 10: "Hope" is the thing with feathers--that perches in the soul

5: Number 254

Answer: Emily Dickinson

b) 10: Hail to thee, blithe spirit! Bird thou never wert

5: To A Skylark

Answer: Percy Bysshe Shelley

c) 10: And we are here as on a darkling plain/Swept with confused alarms of struggle and flight, where ignorant armies clash by night

5: Dover Beach

Answer: Matthew Arnold

10. Name these Russian born anarchist political theorists for 10 points each

a) Considered the founder of modern anarchism, he wrote *Statism and Anarchy*.

Answer: Mikhail Bakunin

b) This nobleman used Bakunin's work to advance his own theory of "anarchist-communism."

Answer: Peter Kropotkin

c) Born in Russia, she moved to the United States at 16 where she became a leading anarchist until being deported to the Soviet Union in the post-World War I red scare.

Answer: Emma Goldman

11. Name these nations from longitude-related clues:

a) First, the Prime Meridian passes through five African nations. For five points each, name them.

Answers: Algeria, Mali, Burkina Faso, Togo, Ghana

b) For a final five points, name the nation with capital at Suva, a couple of whose islands are right on the 180 degree longitude line.

Answer: Fiji

12. Given an Italian family and the year when it first took power, identify the city-state from which it first ruled, for five points each.

a. Visconti, 1277

Answer: Milan

b. Medici, 1434

Answer: Florence

c. Este, 1264

Answer: Ferrara

d. Malatesta, 1295

Answer: Rimini

e. Sforza, 1450

Answer: Milan

f. Gonzaga, 1328

Answer: Mantua

13. Identify these famous figures from Nazi Germany for ten points each, given their ministerial titles.

a. Minister of Air

Answer: Hermann Goering (GAIR-ing)

b. Minister of Propaganda

Answer: Paul Josef Goebbels (GUR-bulz)

c. Minister of the Interior

Answer: Heinrich Himmler

14. 30-20-10 identify the writer from works:

30: *Kalki, Messiah, The Best Man*

20: *Julian, Live From Golgotha, 1876*

10: *Myra Breckinridge, Lincoln*

Answer: Gore Vidal

15. After the torture of Gullveig, they demanded either monetary satisfaction or equal status from their rivals. FTP each:

a) Name this race of Norse gods responsible for wealth, fertility, and commerce.

Answer: Vanir

b) Among the gods that the Vanir sent as a hostage to the Aesir after their war was this god of peace, fertility, rain, and the sun who was considered an ancestor of the kings of Sweden.

Answer: Freyr

c) This poet and wisest of all men was born out of the vessel into which the Aesir and Vanir both spat when they ended their conflict. After he was killed, his blood was mixed with honey to produce mead which gave wisdom to anyone who drank it.

Answer: Kvasir

16. Name the works containing these literary utopias or dystopias from a description FTP, or FFP if you need the author

a) 10: Humanity is divided into two groups: the Morlocks, who are descended from factory workers and live underground, and the Eloi, descended from the aristocracy and preyed upon by the Morlocks.

5: H.G. Wells

Answer: *The Time Machine*

b) 10: In the 1980s, nuclear and biological warfare have jeopardized humanity's survival. The new regime denies women legal protection, financial rights, and education.

5: Margaret Atwood

Answer: The Handmaid's Tale

a) 10: The hero falls asleep in 1887 and wakes up in the 21st century, where Americans are flourishing under a system in which production is both centrally controlled and efficient.

5: Edward Bellamy

Answer: Looking Backward

17.30-20-10. Name the musician.

30: He was born Joseph Saddy in Barbados on January 1, 1958, a date that would be referenced in the song "The Birthday Party."

20: His relationship with Melle Mel, the leader of his rap group, soured after the 1983 anti-cocaine song "White Lines", causing their subsequent breakup.

10: This DJ, with the Furious Five, had his biggest hit in 1982's "The Message", which has been described as the first use of rap as a medium for social and political commentary.

Answer: Grandmaster Flash

18. Name the following people involved in cryptography:

a. For five points each, name the three computer scientists who invented the RSA cryptosystem and founded its namesake company.

Answers: Ron Rivest, Adi Shamir, Leonard Adleman

b. For an additional fifteen points, name the British mathematician who had earlier discovered a similar algorithm for public key cryptography, but whose discovery was kept hidden by the British government.

Answer: Clifford Cocks

19. Name the following orders of insects from some types of species they contain, FTP each:

a) ants and bees.

Answer: hymenoptera

b) grasshoppers and crickets

Answer: orthoptera

c) all true bugs, including water striders and bedbugs

Answer: Hemiptera (or heteroptera)

20. You've been following the D.C. sniper case for the last couple weeks. Answer these questions about it FTP each:

a) The majority of the killings took place in this Maryland county, containing the towns of Bethesda and Rockville.

Answer: Montgomery County

b) This Montgomery County Police Chief made several attempts to communicate with the sniper via news conferences during the past week.

Answer: Charles A. Moose

c) This is the size of the caliber of the bullet used to shoot all of the sniper's victims

Answer: 0.223inch

21. 30-20-10: name the movie

30: One of this movie's running gags is the head swim instructor throwing kids out of a moving van.

20: This summer camp movie's writer/director team were the brains behind the early 90's MTV television show The State.

10: It stars Janeane Garafolo as the camp instructor and David Hyde Pierce as an associate professor of

astrophysics who fall in love and save the mess hall from being demolished by a falling Skylab.

Answer: *Wet Hot American Summer*