

2013/102
4/2/2005

Beaver Bonspiel IX Round 11

Packet by Chicago (Susan Ferrari, Kathleen Moriarty, Peter Onyisi, and Ben Recchie)

Tossups

1. To explain its absence in strong interactions, the parameter theta-QCD must be very close to zero. Superweak models cannot explain its direct variety. In the Standard Model, it arises through a complex phase that is allowed because there are more than two generations of quarks. It is measured by the parameters sine 2 beta in the B system, and epsilon and epsilon prime in the neutral kaon system. FTP, what is this type of symmetry violation in which a system fails to be invariant under a certain product of two operators, for whose discovery Cronin and Fitch won a Nobel Prize?

Answer: CP violation

2. The plot of this novel is as follows: Boy meets girl. Boy gets girl pregnant, despite the fact that she works under him at the factory, and shouldn't be fraternizing with him. Boy meets another, richer girl whom he wants to marry. First girl insists that boy marry her. Boy carefully plans to drown first girl, chickens out at the last minute, but causes her accidental death anyway. Boy gets sent to electric chair. FTP, name this work by Theodore Dreiser, about young Clyde Griffiths and the dark side of the American Dream.

Answer: An American Tragedy

3. In 465, he and his eldest son were killed in a palace coup; for the last decade of his life he funded large construction projects in Persepolis. He ruthlessly crushed a revolt in Babylon, destroying the statue of Marduk, and declared himself an enemy of the non-Zoroastrian gods of his subject countries. He is best remembered for following the advice of his cousin Mardonius and launching a war to attempt revenge for the defeat of his father's forces at Marathon. FTP, identify this Persian king, whose forces lost the battles of Salamis and Plataea.

Answer: Xerxes I

4. A horse pulls a plow across the foreground of this painting, while farther down the hill a shepherd watches his sheep and a fisherman tries to catch his dinner. All of these everyday activities are in contrast to the real subject of the picture, a pair of legs disappearing into the ocean, which make "a splash quite unnoticed" according to the William Carlos Williams poem based on the work. FTP, identify this Pieter Breugel masterpiece depicting the son of Daedalus.

Answer: Landscape with the Fall of Icarus

5. Its first strip, in April 1997, consisted of the author and his roommate staring at a TV set. Things livened up the next day, as the god Thor appeared and presented them with Toothgnip, a mythological specimen of the strip's namesake animal. One of the oldest and most venerable webcomics, its cast soon grew to encompass a psychotic computer programmer, a pair of sexually deviant aliens named Neil and Bob, and a satanic chicken named Diablo. FTP, name this comic strip by Jonathan Rosenberg, named for animals of genus *Capra*.

Answer: Goats

6. Both sides wear red nose-protectors when marching into battle, prompting the protagonist's father, Rashid, to comment that it looks like a battle between buffoons. While the author evidently favors the talkative Guppees, he compliments the beautiful silent communication of their enemies, the Chupwalas. Written to explain to the author's son why the family was living in hiding, this novel's main theme is the danger of censorship. FTP, identify this children's novel by Salman Rushdie.

Answer: Haroun and the Sea of Stories

7. The Pythagoreans used this term to denote a principle from which all number was derived, and the word appears in the work of Giordano Bruno. In the classic usage, they are composed of soul, because extension is an attribute of matter and not of substance. Each one has the power of representation, so although they are "windowless" and do not interact, by the principle of pre-established harmony it appears as if they do. FTP, identify these fundamental units of substance in the philosophy of Leibniz.

Answer: monads

8. Bukharin was its foremost supporter, while Trotsky was opposed to it. Most Bolsheviks saw it as a temporary compromise with the peasants to prevent them from rebelling, as in the Kronstadt Revolt of 1921. Money was reintroduced, peasants could farm and sell surpluses subject to a state tax in kind, and private ownership of light industry was permitted. FTP, identify the program of economic reconstruction that replaced War Communism and lasted until Stalin abolished it in 1928.

Answer: New Economic Policy (accept Novaya ekonomicheskaya politika)

9. This cellular process is integral to the development of certain organs, particularly the lung and the brain, but it also occurs during aging and immune responses. Its pathological features include DNA cleavage, protein cross-linking, and cell blebbing. It does not result in cell lysis or inflammation, differentiating it from necrosis. FTP, identify this cellular process, sometimes called "programmed cell death".

Answer: apoptosis (accept PCD or "programmed cell death" before it's mentioned)

10. According to legend, when Garuda flew by this god, he scared the snakes holding up the god's clothing, so his pants fell down. More famous stories involve this god's creation of the demon Virabhadra, who destroyed the sacrifice of Daksha after the death of Sati. This god later married Sati in her next incarnation, Parvati. FTP, name this Hindu god, sometimes considered the god of destruction.

Answer: Shiva (SHIV-a)

11. Its highest point is Mount Ijill, which is a large block of hematite now mined for iron. The elevation is generally low, being 600 to 700 feet in the inland plains. Its population density is the lowest in West Africa; urban centers include its capital and a town formerly known as Port-Étienne. In the north, rain runoff is channeled into normally dry wadis, while the south is in the drainage system of the Senegal river. FTP, identify this country just north of Senegal, whose capital is Nouakchott.

Answer: Mauritania

12. Wilson doesn't always come himself - sometimes he only sends messages. The character with no hobbies responds "Go On!" and "Incredible!" to the newspaper stories. Although they don't have money for the gas meter, there is an extended argument about whether one "lights the gas" or "lights the kettle." At the end, the two characters stand in stunned silence, with Ben pointing a gun at Gus. FTP, identify this one-act Pinter play, in which the title object unexpectedly conveys outlandish requests from upstairs.

Answer: The Dumb Waiter

13. Thrice an unsuccessful candidate, he has gained popularity by moving to the center and no longer referring to the IMF as "Satan.". He was born in 1946, and sold fruit and candy on the streets to help support his family before working as a lathe operator and losing a finger in a machine press. He first rose to prominence as a union leader near Sao Paulo, and helped found the Workers' Party in 1980. FTP, name this Brazilian, who will probably win the presidency in tomorrow's runoff election.

Answer: Luiz Inacio "Lula" da Silva (Accept Lula)

14. In the fourth act of this opera, monks are heard singing a Miserere for the doomed hero while he sings to his love from the tower in which he is imprisoned with his mother. The composer originally meant to title the work "The Gypsy" in reference to the hero's mother, Azucena. It follows *Rigoletto* in its composer's "trilogia popolare", and it concerns a love triangle between the Count di Luna, Manrico, and Leonora. FTP, identify this Verdi opera, which features the "Anvil Chorus."

Answer: Il Trovatore

15. He wrote a thriller about the vice-presidency called "The Canfield Decision," which the New York Post described as "sexy and violent." He was presumably more proud of other accomplishments, such as his service as an officer in World War II, his 1947 law degree from the University of Maryland, or receiving payoffs as Baltimore county executive or governor of Maryland. Well, maybe not that last - after all, it was a bribery investigation that caused him to resign from office and plead *nolo contendere* to charges of tax evasion. FTP, name this Republican who coined the term "effete snobs" to describe war protestors.

Answer: Spiro Agnew

16. The existence of a non-Lebesgue (luh-BEG)-measurable set of real numbers, the nonemptiness of any cartesian product of nonempty sets, the existence of a basis for any vector space, and the well-ordering principle are all equivalent to it. The axiom of determinacy has been proposed as an alternative to this statement, which says that given any nonempty family X of nonempty pairwise disjoint sets, there exists a set consisting of exactly one element taken from each set belonging to X . FTP, name this axiom of set theory which is equivalent to Zorn's Lemma.

Answer: Axiom of Choice

17. "By the rude bridge that arched the flood,/ Their flag to April's breeze unfurled," opens this 1836 poem written for the completion of a monument in Massachusetts. The poem goes on to request that nature allow the monument to remain standing to remind future generations of past heroism. FTP, identify this Ralph Waldo Emerson poem that includes the phrase "the shot heard round the world."

Answer: "Concord Hymn"

18. First appearing in a paper based partly on the observations of Vesto Slipher, a study by Sandage and Tammann suggests that its value should be one-tenth of what its namesake believed, though that is disputed by other researchers who claim that Sandage and Tammann overestimated the distance to objects like M101. Despite its name, it varies over long periods of time due to the effects of gravitation. FTP, name this "constant" with value about 20 km per second per million light-years, which measures the rate of expansion of the universe and is named for the namesake of a space telescope.

Answer: Hubble's constant (accept Hubble's law before it's clear that the question is asking for a number)

19. As a boy, he was known as "Fitz-Empress" because his mother was first married to Holy Roman Emperor Henry V, but he was brought up in Normandy. At twenty, he crossed the Channel and defeated Stephen of Blois to become the king of England. FTP, identify this first Angevin king, perhaps best known as the opponent of Thomas a Becket.

Answer: Henry II Plantagenet

20. This novel centers on two families: Tibby and Aunt Juley belong to one and Paul belongs to the other. At the beginning, Helen falls in love with Paul at Paul's family's country house, but by the end of the novel, she is pregnant by Leonard Bast and Margaret is married to Henry Wilcox. FTP, identify this 1910 novel which tells of the Schlegel and Wilcox families, written by E.M. Forster.

Answer: Howards End

21. In Aldous Huxley's *Ape and Essence*, two of the main characters discuss a romantic movie based on the life of this saint, who was born in 1347. Invoked against miscarriage, she was the 25th child of a wool-dyer. She became a Dominican tertiary at the age of 16, and her mystical experiences included a "spiritual espousal" and receipt of the Stigmata. In 1970, she and Teresa of Avila were the first women to be named Doctors of the Church. FTP, name this northern Italian saint.

Answer: Catherine of Siena

22. Bicyclo[2.2.1]hept-1-ene, which can only exist transiently, conforms to this rule, but larger homologues may violate it. The rule may be violated when one ring contains more than eight carbons, allowing it to withstand the strain of the double bond. FTP, identify this rule, which states that a double bond may not be placed adjacent to the bridgehead carbon of a bridged ring system.

Answer: Bredt's rule

23. It utilized parts of the Cuyahoga, Muskingum, and Scioto (SYE-oh-toe) rivers, and it still leaves its mark on the Columbus area today, in the names of suburbs Lockbourne, Groveport, and Canal Winchester. When it was finished in 1832, it was 309 miles long and had 49 locks, but fell into disuse within a few decades as the railroads came through Ohio. FTP -- name this canal that ran from Cleveland to Portsmouth, Ohio, connecting the Great Lakes and Mississippi watersheds.

Answer: Ohio & Erie Canal (do not accept or prompt on "Erie Canal")

24. Much of his work is in architectural theory; his first well-known work was the book "Delirious New York," and he is a co-author of the 6-pound "S,M,L,XL," which arranges projects in order of size. He has claimed that urbanism is "only an ideology" and that, regardless of planning, urban areas everywhere are turning into "the generic city." Projects of his currently being realized include the new IIT campus center and a master plan for Universal Studios. FTP, name this Dutch architect, winner of the 2000 Pritzker Prize.

Answer: Rem Koolhaas

25. It circles the sun once every 288 years, and is currently about 4 billion miles from Earth. With an albedo of only 10 percent, it is incredibly faint, despite being larger than all the material in the asteroid belt combined. Its name comes from the name of the creation force of the American Indian tribe who lived near the current site of the campus of Caltech, where it was discovered. FTP, name this Kuiper (KOY-per) object whose very existence threatens Pluto's standing as a planet.

Answer: Quaoar

26. He argues that man can be forced to be free, because society can use force to make a member obey the general will. Rather than trying to analyze the way in which power relationships come about, he tries instead to determine how they can be made legitimate. FTP, identify this eighteenth century French political theorist who said "Man is born free, yet everywhere he is in chains."

Answer: Jean-Jacques Rousseau

Bonus Questions

1. FTPE, answer these questions on satisfaction.

a) It is a measure of a consumer's satisfaction. In the modern theory, there is no absolute scale for it; it is sufficient to know what a consumer's indifference curves are and which are preferred to others.

Answer: utility

b) Along with the income effect, this is used to analyze the way changes in the price of a commodity affect the basket of goods a consumer purchases.

Answer: substitution effect

c) This is a good for which the income elasticity of demand is negative; in other words, a consumer's demand for it falls as his or her income rises.

Answer: inferior good (do not accept or prompt on Giffen good)

2. Answer these questions about Korean history, FTPE.

a) This treaty that ended the Sino-Japanese war forced the Chinese to give up control of Korea.

Answer: Treaty of Shimonoseki

b) This religious movement, whose name means "Eastern Learning," helped spark the Sino-Japanese war by prompting an abortive uprising that caused both powers to intervene.

Answer: Tonghak

c) In 1919 this man was elected president of the Korean Provisional Government in exile in Shanghai. In 1948 he became president of the newly independent South Korea, a post he held for almost 12 years.

Answer: Syngman Rhee

3. Answer the following questions about atonal music:

a) FTP, identify the system, sometimes called "serial music", invented by Schoenberg as a way to organize atonal music. It is based on a particular ordering of all notes in the chromatic scale.

Answer: twelve-tone (or dodecaphonic) system

b) One component of the twelve-tone system is the variations to which melodic lines can be subjected.

F15P, give the term for a series of notes that are sung in reverse order from the original series.

Answer: retrograde (or retrogression)

c) FTP, this student of Schoenberg, a member of the Second Viennese School, was the composer of the operas *Wozzeck* (VOY-check) and *Lulu*.

Answer: Alban Berg

4. Identify these works of post-nuclear-war fiction, FTPE.

a) A nuclear war provides the setup for children to get stranded on an island in this Golding novel.

Answer: Lord of the Flies

b) The Catholic Church is the lone institutional survivor of a nuclear war and preserves the knowledge of the past; eventually, humanity regains its lost technology and blows itself up again in this Walter Miller work.

Answer: A Canticle for Leibowitz

c) Written in a bizarre futuristic English, its author, Russell Hoban, claimed that producing it destroyed his spelling ability. The title character wanders around southeastern England as people search for the secret of the "1 Big 1."

Answer: Riddley Walker

5. Answer the following questions about embryology and development.

a) During oogenesis (oh-oh-GEN-e-sis), a primary oocyte (OH-oh-cyte) produces one mature ovum and three other cells. FTP, give the name for these other products of oogenesis.

Answer: polar bodies

b) F5P, until the embryo begins this biological process, it must rely upon maternal mRNA for protein production.

Answer: transcription

c) While the primary oocyte must go through a full round of meiosis before it matures into an ovum, in most animals, oogenesis is arrested at some point during meiosis and completed after fertilization. F15P, at what stage do the ova of most mammals experience arrested meiosis?

Answer: second metaphase (or metaphase II)

6. Identify the following members of a powerful Indian family.

a) F5P, this woman, the daughter of Jawaharlal Nehru, was the first female prime minister of India.

Answer: Indira Gandhi

b) FTP, this man, the husband of Indira Gandhi, had a reputation as a politician of integrity. He died in 1960.

Answer: Feroze Gandhi

c) F5P, this son of Indira and Feroze Gandhi was prime minister from 1984 to 1989 but was assassinated in 1991.

Answer: Rajiv Gandhi

d) FTP, another son of Indira and Feroze Gandhi, he gained power during the Emergency of 1975-77. He was hated for his slum-clearing and forced sterilization programs.

Answer: Sanjay Gandhi

7. Answer the following questions relating to a philosophical term:

a) FTP, this term refers to a disciplined study of consciousness from the perspective of the observer. It is often associated with Heidegger, Sartre, and Husserl.

Answer: phenomenology

b) F15P, this philosopher, one of the most important scholars in the phenomenology of religion, is the author of the *The Sacred and the Profane: The Nature of Religion*.

Answer: Mircea Eliade (el-ee-AH-duh)

c) F5P, this author's *Phenomenology of the Spirit* argued that phenomena were stages of knowledge that progressed from mere consciousness to complete knowledge.

Answer: Georg Wilhelm Friedrich Hegel

8. Name these well-known winds, FTPE.

a) These winds, in the American northwest and Europe, come down from high elevations to low, and have raised temperature by as much as 50 degrees Fahrenheit in a few minutes.

Answer: foehn or chinook

b) These are warm (or hot) southeast to southwest winds originating over Libya and Egypt which flow north into the Mediterranean Sea.

Answer: sirocco

c) These hot, dry winds originate off the west coast of the US and Mexico, and are named for a canyon in

southern California.

Answer: Santa Ana

9. FTPE, identify these concepts in statistical mechanics.

a) This is the classical energy distribution function for identical but distinguishable particles. It is named for a Scot and an Austrian.

Answer: Maxwell-Boltzmann distribution

b) Under certain assumptions, this result says that in thermal equilibrium, a system has energy equal to one half kT per degree of freedom.

Answer: equipartition theorem

c) If gas particles are treated as distinguishable, as they are in the Maxwell-Boltzmann distribution, the entropy of a system is not an extensive quantity. Identify this problem, which is named after a Yale professor.

Answer: Gibbs' paradox

10. Answer the following questions about the Ulster Cycle, FTP each:

a) The longest tale in the Ulster cycle is this story about a cattle raid in which Cuchulainn unwittingly kills his own son.

Answer: The Cattle Raid of Cooley

b) This evil queen, Cuchulainn's archenemy, causes a war by attempting to steal the Ulstermen's bull, Donn Cuailnge (Coo-ALN-yeh).

Answer: Medb (METHV) (also spelt Maeve (MAYV); accept anything reasonable)

c) Another story in the Ulster cycle chronicles the fate of this young woman, who was promised to King Conchobar (CON-kho-var) but fell in love with Naoise (NEE-sheh). She has been the subject of works by Synge and Yeats.

Answer: Deirdre of the Sorrows (properly pronounced something like DAIR-thre; accept anything reasonable)

11. FTPE, identify these shows that you can see by watching Cartoon Network late on Sundays.

a) Moltar, Zorak and Brak help the title character put on his talk show.

Answer: Space Ghost, Coast to Coast (prompt on Space Ghost)

b) Brendon Small, a third-grade director, makes movies with his friends Jason and Melissa, while his mother Paula struggles through single-parenthood.

Answer: Home Movies

c) Master Shake, Meatwad and Frylock are fast-food items that solve mysteries.

Answer: Aqua Teen Hunger Force

12. Trotsky called it a "truly proletarian revolution." Answer the following, 5-5-10-10.

a) (5) Identify this war, in which the Abraham Lincoln Brigade was organized by Comintern to fight for the Republican government.

Answer: Spanish Civil War

b) (5) What was the name of the Spanish Fascist party that led the coup d'etat in 1936?

Answer: Falange

c) (10) Who was president of the Spanish Republic from 1936 until Franco took over in 1939?

Answer: Manuel Azaña

d) (10) In 1936, Nationalist troops occupied this fortress in Toledo. They were under siege by Republicans for two months until help arrived.

Answer: Alcazar

13. Identify the following stories that were originally written in German, FTPE.

a) In this Thomas Mann story, Cipolla, often seen as a representation of fascism, is shot after humiliating a waiter in a seaside resort town.

Answer: Mario and the Magician (Mario und der Zauberer)

b) Georg Bendemann is forced by his aged father to drown himself in this Kafka short story.

Answer: The Judgment (Das Urteil)

c) This story, which cost its author, Arthur Schnitzler, his officer's rank, is about a young officer insulted by

a baker at a concert in Vienna. The author's use of interior monologue influenced Joyce.

Answer: Lieutenant Gustl (accept None but the Brave)

14. Identify the following theorems from group theory from their statements, FTPE.

a) Let H be a subgroup of a finite group G . Then the order of H divides the order of G .

Answer: Lagrange's Theorem (or Theorem of Lagrange, of course)

b) If G is a group of any order divisible by a prime p , then G has a subgroup of order p . Its namesake is perhaps better known for developing complex analysis.

Answer: Cauchy's Theorem

c) Any group is isomorphic to a subgroup of a permutation group. In particular, if G has order n , then G is isomorphic to a subgroup of the symmetric group on n letters.

Answer: Cayley's Theorem

15. Identify the following sculptors of the Quattrocento, FTPE.

a) His best known works are probably two statues in bronze: *The Incredulity of St. Thomas* and the *Colleone*, which stills stands in Rome. He may be best known as a teacher to Leonardo da Vinci.

Answer: Andrea del Verrocchio (Accept Andrea di Michele di Francesco de' Cioni)

b) He sculpted bronze tombs for Sixtus IV and Innocent VIII but is better known for his engraving *The Battle of the Nudes*.

Answer: Antonio del Pollaiuolo

c) This Florentine sculpted a marble statue of St. Mark, the bronze equestrian statue *Il Gattamelata* and his bronze *David* of 1440.

Answer: Donato di Nicolo di Betto Bardi detto Donatello

16. 30-20-10, identify the literary character.

30: This New York detective, the protagonist of *The Red Box* and *Some Buried Caesar*, is supposedly the illegitimate son of Sherlock Holmes.

20: He has been described as "overweight, agoraphobic, and sedentary," so it's lucky that his legman Archie Goodwin does all the work for his cases.

10: This Rex Stout creation loves orchids and lives in a brownstone on W. Thirty-fifth Street.

Answer: Nero Wolfe

17. Know your third parties! Name the party from description, FTPE

a) The first American third party, it was formed in response to the disappearance of William Morgan and carried Vermont in the 1832 election.

Answer: Anti-Masonic Party

b) Influential from 1848 to 1854, it opposed the expansion of slavery, but was eventually eclipsed by the Republican Party.

Answer: Free Soil Party

c) Founded in 1992 to "bring the light of science into politics," its most recent presidential candidate was John Hagelin.

Answer: Natural Law Party

18. FTPE, identify these Franciscan philosophers and theologians.

a) In his *Opus Majus*, he outlined four causes of ignorance, and called for a reform of education to emphasize languages and science.

Answer: Roger Bacon

b) By arguing that Mary was given a more perfect redemption than the rest of humanity, he set the idea of the Immaculate Conception on its way to becoming Church dogma.

Answer: John Duns Scotus

c) He believed passionately in the poverty of the Franciscans. He argued that John XXII was a heretic and supported Louis the Bavarian with political writings; in return, he was excommunicated. He is most famous for his eponymous "razor."

Answer: William of Ockham

19. Answer the following questions about enzyme kinetics FTPE.

a) Give the name of the equation which states that reaction rate equals the quantity of the maximum rate times the substrate concentration divided by the quantity K_m (read: K sub M) plus the substrate concentration.

Answer: Michaelis-Menten equation

b) A sigmoidal Michaelis-Menten curve is usually generated by this type of enzyme, whose activity can be regulated by effectors acting at a site other than the binding site.

Answer: allosteric enzyme

c) One example of such an effector is this small monophosphate, which is a member of the first second-messenger system to be discovered.

Answer: cAMP (or cyclic adenosine monophosphate)

20. Identify the following Mishima Yukio novels from plot descriptions FTPE.

a) This book centers upon the friendship between the fastidious students Kiyooki Matsugae and his best friend, Honda. Kiyooki has a brief affair with a young woman named Satoko, but dies after she retires to an abbey.

Answer: Spring Snow (*Haru no yuki*)

b) In this book, the final volume of the *Sea of Fertility*, the elderly Honda recognizes a young boy named Toru as the reincarnation of Kiyooki. He adopts Toru.

Answer: The Decay of the Angel (*Tennin gosui*)

c) This novel concerns an actual 1950 arson case. Mishima's novel examines the life and motivations of the arsonist, Mizoguchi, who was a monk in training.

Answer: The Temple of the Golden Pavilion (*Kinkaku-ji*)

21. Answer these questions about the modernist city plans of Le Corbusier FTPE.

a) Named for the French company that sponsored it, this 1925 plan involved ripping out huge sections of Paris and replacing them with freeways and concrete skyscrapers.

Answer: Plan Voisin or Voisin Plan

b) An idealized plan for a "radiant city," this 1930 plan involved more skyscrapers and apartment blocks arranged to provide ample green space downtown.

Answer: Ville Radieuse

c) The only one of Le Corbusier's grand plans to be executed, this semi-successful city is the capital of the Indian states of Punjab and Haryana.

Answer: Chandigarh

22. Bush says they're good people. Senate Democrats think otherwise. Name these controversial nominees for federal judgeships, FTPE.

a) George W. Bush nominated him for the US Court of Appeals for the District of Columbia; some observers think the administration thought the Senate would approve him despite his Scalia-esque political opinions because he is Hispanic.

Answer: Miguel Estrada

b) Nominated to the US Court of Appeals, 10th Circuit, he is staunchly against *Roe v. Wade*, and strongly supports broad government funding of religious groups.

Answer: Michael McConnell

c) Nominated for the Fifth Circuit Court of Appeals, she is a Texas Supreme Court justice that even some in the Bush administration say is guilty of "unconscionable judicial activism," specifically on abortion.

Answer: Priscilla Owens

23. Name these works of Kurt Vonnegut, FTPE.

a) This novel deals with a rich, well-connected young man who decides to devote his life to volunteer firefighting and helping people, and is institutionalized for it.

Answer: God Bless You, Mr. Rosewater

b) Subtitled "Goodbye Blue Monday," it features Kilgore Trout meeting with an almost-insane Pontiac dealer named Dwayne Hoover.

Answer: Breakfast of Champions

c) Vonnegut's second novel, it is his purest science-fiction novel, involving a Martian assault on Earth.

Answer: The Sirens of Titan

24. Given a work of social anthropology, name the author on a 15-5 basis.

a) 15: *Magic, Science, and Religion*

5: *Argonauts of the Western Pacific*

Answer: Bronislaw Malinowski

b) 15: *Tales of the Cochiti Indians*

5: *The Chrysanthemum and the Sword*

Answer: Ruth Benedict

25. Every C-Bowler worth his or her salt ought to know about the US Navy's zeppelin program from the '20's and '30's. Name the airships, FTPE.

a) Essentially a copy of a German World War I airship, it's probably the only United States Ship ever lost over southeastern Ohio - it crashed there during a squall in 1925.

Answer: USS Shenandoah

b) A flying aircraft carrier, it carried five scout fighters, but crashed after just two years off Bernegat Light, New Jersey in 1933.

Answer: USS Akron

c) The sister ship to the Akron, it also only survived two years, crashing off the coast of California in 1935, ending the age of American rigid airships.

Answer: USS Macon