

Round 25 1999 Deep Bench Univ. of Iowa Packet (MM, TS, ML, FS, MO, MW, LV, JS)

Tossups

1. After taking office in 1970, his social and economic policies had divided the country, angered the upper class, infuriated U.S. corporations, and had strained ties with Washington. The end came in 1973, when he appointed Augusto Pinochet to head the army, and Pinochet led a CIA-backed coup days later. FTP, identify this Chilean president, who either committed suicide or was killed by a rocket attack on the presidential palace.

Salvador Allende

2. It is the last name of a window-washer at World Wide Wickets who succeeds in business without really trying. The name is also shared by an employee of Blush magazine who collects ceramic cats and who has just, surprisingly, married a model. In perhaps its most famous incarnation, it is the last name of Jean Louise, her older brother Jem, and FTP, their father, a Maycomb, Alabama lawyer who defends Tom Robinson.

Finch

3. This city is now home to Carla del Ponte, who as Switzerland's former attorney general and federal prosecutor, launched widely publicized campaigns against Italian Mafia bosses and Latin American drug dealers. Now she is taking on criminals from Rwanda and the former Yugoslavia as the new head of the international war crimes tribunals in , FTP, what city of justice?

The Hague

4. Frederick and Mabel seem destined for lifelong love until a strange fact is revealed involving Frederick's birthday and his indenture to the title group. This group, though normally bloodthirsty, has a weak spot for orphans, being parentless themselves. Luckily, they buy Mabel's father's claim that he too is an orphan, so they spare the Major-General's life. FTP, name this Gilbert and Sullivan operetta which includes the song "I Am the Very Model of a Modern Major General."

The Pirates of Penzance

5. She was in Accra when she heard the news that she had won a Nobel Prize and she engaged in "continual partying with her friends" after the announcement. Queen Elizabeth was impressed enough to bestow upon her the Order of Merit, the first woman to be so honored since Florence Nightingale. At the Nobel Ceremony, she was compared to previous winners Max von Laue and Lawrence and William Bragg who helped pave the way towards a lasting career in X-ray Crystallography. FTP, name this laureate who, for determining the structure of penicillin, insulin and Vitamin B12, won the 1964 Nobel Prize in Physics.

Dorothy Mary Crowfoot Hodgkin

6. Set in New York between the turn of the century and the beginning of World War I, it revolves around three groups of characters: a family of Jewish immigrants, an upper-class WASP family from New Rochelle, and black piano player Coalhouse Walker and his wife. Among the minor characters are Harry Houdini, J.P. Morgan, and Booker T. Washington. FTP, name this E.L. Doctorow novel which was recently made into a hit musical.

Ragtime

7. For treating serious cases, most physicians suggest using chemicals such as Kwell or Nix. Some practitioners of alternative medicine suggest a more natural approach: regularly cover the head with vegetable oil or olive oil and follow that with intensive sessions of combing. Using this method -- the number of nits and eggs of *Pediculus Humanus* should decrease rather quickly and the treated subject will be rid of, FTP, what tiny insect that enjoys breeding in human scalps?

Lice or Head Lice or Louse

8. Along with his mother and grandmother, he was converted on the first missionary journey of St. Paul. He accompanied Paul on the second journey and was left for a time in Berea, where he and Silas bolstered the new church. He rejoined Paul and traveled with him until Paul established him at Ephesus, where he was eventually martyred. FTP, name this pillar of the early Christian church to whom two of Paul's epistles are dedicated.

Timothy

9. When translated, it means paste, and so can describe a number of concoctions made of everything from walnuts to cilantro. However, in the U.S. this generic Italian word is most often used to describe a combination which includes olive oil and sometimes parmesan cheese. FTP name this sauce which also includes pine nuts and basil.

Pesto

10. Her most famous work is the first novel of a trilogy, the second two novels of which are 1932's Sons and 1935's A House Divided. She taught abroad during her marriage to her first husband, then returned to the U.S. where she married her publisher, Richard F. Walsh. Five of her more than eighty-five works were written under the pseudonym John Sedges; among the works under her own name are Mandala, the autobiography My Several Worlds, and Dragon Seed. FTP name this author who died in 1973, and whose most famous work about a Chinese peasant won the 1932 Pulitzer Prize.

Pearl Buck

11. At one time, scientists believed that it might be a phenomenon known as a Taylor column, caused by a mountain or depression on the surface. But due to its longitudinal wandering, that theory has been abandoned. At a width of 8,700 miles, it was first seen by Cassini and it may be the solar system's largest hurricane. For 10 points, name this crimson feature of Jupiter.

Great Red Spot or GRS (prompt on partial answer, do not accept equivalents such as "Big Red Spot" or "Large Red Spot")

12. Recalling the Locarno pacts of 1925, it grew out of a French request for a non-aggression pact with the United States, aimed at protecting France from any revival of German expansionism. The U.S. secretary of state was loath to see his country drawn back into international power struggles, but under pressure from a growing peace movement, he decided to parlay the French overture into a grand gesture: a multilateral pact which would ban war under international law. FTP, identify this 1928 treaty, named after that U.S. secretary of state and his French counterpart.

Kellogg-Briand Pact (or Kellogg-Briand Treaty)

13. From 1947 to 1969, the curve shifted toward the diagonal, but from 1969 to the present the curve has shifted away from the diagonal. With perfect equality, it is a diagonal line with slope 1; in actuality, though, it is concave up and lies beneath the perfect equality line. Percent of income is plotted along the y-axis and percentage of families is plotted along the x-axis. For ten points, name this curve from economics that shows the distribution of income amongst the population.

Lorenz curve

14. In August of 1999, the U.S. government completed a deal to buy 9,000 acres of land from a church at the cost of 13 million dollars. The land sits at a relatively low elevation for bison and other animals who need a more suitable climate to spend the winters. This land is adjacent to and will hopefully help to preserve the wildlife in, FTP, what national park that can get mighty cold in the winters despite its numerous geysers?

Yellowstone

15. Unlike many great American composer-lyricists, he did not get his start in Tin Pan Alley. Instead, he hobnobbed with the rich and famous in both the U.S. and Europe after World War I. A wealthy midwesterner, he held degrees from Yale and from Harvard's law school. Some of his musicals include Born to Dance and High Society, and they are filled with sparkling tunes and witty lyrics. FTP, name this creator of Kiss Me Kate and Anything Goes.

Cole Porter

16. It can be thought of as an example of the Le Chatelier Principle or a more special case of the more general law of conservation of energy. Simply put, it notes that the current induced by an electromagnetic force always flows in the direction to oppose the force producing it. FTP, name this physical law, itself named for its 19th Century Russian elucidator.

Lenz Law or Lenz's Law

17. He secured passage of the Catholic Emancipation bill as home secretary in 1829. He helped the Conservative Party emerge, but later lost power in his second term as prime minister over the abandonment of custom duties and the repeal of the Corn Laws. FTP, name this man, who gave his name to London's Police Force, the Bobbies.

Sir Robert Peel

18. When Ken Griffey, Jr. is enshrined in the Hall of Fame (come on, you know he will be), he will be the second native of tiny Donora, PA to reach the Hall. The first won seven batting titles, finished with a .331 lifetime batting average, and was enshrined in 1969. FTP, name this St. Louis Cardinal star.

Stan Musial

19. The artist Basil Hallward introduces him to Lord Henry Wotton, who teaches him to appreciate beauty and pleasure with no thought of morality. His love for Sibyl Vane at first seems a high-minded passion; however, when the actress determines to return his love, he callously spurns her for the simple reason that a real-life affair has made her acting wooden. His life of vice eventually drives him to murder Basil, and he himself is found dead with a knife through his heart, his face at last reflecting his evil heart. FTP, name this title character of an Oscar Wilde novel.

The Picture of Dorian Gray

20. It begins in central China, near the sources of the Yangtze and the Salween. It then stretches 2700 miles southeast, marking first the border between Laos and Myanmar, then much of the border between Laos and Thailand. It then cuts south through Cambodia before turning due east, flowing past the city formerly known as Saigon before it empties into the Gulf of Martaban. FTP, identify this river, the end of which American servicemen referred to simply as "The Delta" during the Vietnam war.

Mekong River

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Bonuses

1. Name these authors who died in the 1970s from one work for ten points and five if you need a second.

(10) And Then There Were None

(5) Murder on the Orient Express

Answer: Agatha Christie

(10) Ides of March

(5) Bridge of San Luis Rey

Answer: Thornton Wilder

(10) the five volume masterpiece "Memorial de Isla Negra"

(5) Canto General

Answer: Pablo Neruda

2. Gary Bettman will not rest until the old World Hockey Association is wiped clean from our memories. Is his plan working? Let's see.

- A. First, F5PE, name the four WHA teams which entered the NHL after their league folded in 1979.

Winnipeg Jets, Quebec Nordiques, Edmonton (or Alberta) Oilers, Hartford (or New England) Whalers (Give credit for either city or team name)

- B. The NHL, fearful of the upstart league, added two teams in 1972 to counter WHA teams in "new" hockey cities. Name either of the two FTP.

New York Islanders, Atlanta (or Calgary) Flames

3. Given a molecular formula, give the correct name of the compound for five points each.

A. NH_4NO_3

ammonium nitrate

B. Na_2SO_4

sodium sulfate

C. MgS

magnesium sulfide

D. FeCl_3

ferric chloride or iron(III) chloride

E. CaCl_2

calcium chloride

F. KH_2PO_4

potassium dihydrogen phosphate

4. Answer the following about the Russo-Japanese War FTP each.

A. In January, 1905, the Japanese took this Russian-controlled Manchurian port city after a lengthy siege.

Port Arthur

B. In March of that same year, Russia sent 300,000 troops against a like-sized Japanese force to ensure control of this southern Manchurian city. After two weeks of fighting, the Russians were soundly defeated in the largest land engagement of the war.

Mukden

C. Teddy Roosevelt won the 1906 Nobel Peace Prize for brokering this treaty which ended the war.

Treaty of Portsmouth

5. Mick Jagger's getting a hell of a lot of satisfaction for a guy in his sixties. Case in point: the issue of his newest son. FTP each, give the name of the person:

A. The first name of his newest son.

Lucas

B. Lucas's mother, a Brazilian model who claims that Jagger, who has never seen his son, is "a very loving father."

Luciana Morad

C. Jagger's former wife of 8 years, who annulled their marriage after paternity tests proved that Lucas was Jagger's son.

Jerry Hall

6. Answer the following questions about nuclear processes in stars for 10 points each.

A. After hearing a conference concerning the problem of determining which nuclear processes stars use to produce energy, this physicist vowed to solve the problem on the train back to Cornell University -- and did so with seconds to spare. He was awarded the Nobel Prize in 1967 for his efforts.

Hans Albrecht Bethe (BAY-ta)

B. The first nuclear process cycle which Bethe described is known by this name and is used within massive stars, where the central temperature rises above 20 million Kelvin.

carbon cycle or carbon-nitrogen-oxygen cycle or CNO cycle

C. In the 1940s, Bethe and his colleague Charles Critchfield described this simpler nuclear cycle, which is how our own sun produces its energy.

proton-proton cycle

7. Answer these questions about a certain Greek myth FTSNOP.

A. F5PE, name these two ill-fated lovers, who were separated by a wall and later by a lion.

Pyramus and Thisbe

B. (10) Pyramus and Thisbe lived in Babylon under the reign of this Babylonian queen.

Semiramis

C. (10) The two lovers arranged to meet at this tomb near their homes.

Ninus's tomb

8. The 1960s were a particularly tumultuous time for the poor, poor justices of our exalted Supreme Court. Given a description of a case, name it. Ten points each.

A. In this 1965 case, the Court ruled that a state unconstitutionally interfered with personal privacy when it prohibited anyone, including married couples, from using contraceptives.

Griswold v. Connecticut

B. In this 1962 case, the Court held that constitutional challenges to the unequal distribution of voters among legislative districts could be resolved by federal courts, rejecting its own 1946 precedent.

Baker v. Carr

C. In this 1961 case, the Court ruled that evidence obtained in violation of the 4th amendment guarantee against unreasonable search and seizure must be excluded from state as well as federal trials.

Mapp v. Ohio

9. For several centuries, many astronomers took three assumptions for granted: that the Universe is infinitely big, that it is filled with stars, and that it is eternal and unchanging. If this was so, why then, wondered many astronomers, is the sky dark at night? Identify the following men who were involved with what has become known as Olbers' Paradox for the stated number of points.

A. (5) This German astronomer investigated the paradox in 1610 and concluded erroneously that the Universe could not be infinite.

Johannes Kepler

B. (10) This English astronomer read two papers on the paradox to the Royal Society in 1721 and concluded that distant stars were just too faint to be seen in the night sky, an opinion with which Newton agreed.

Edmond Halley

C. (15) His work was not recognized until recently, but the essay "Eureka," published in 1848 by this gloomy author, just a few months before his mysterious death, first presented the correct answer to Olbers' paradox: that light from distant stars has not yet had enough time to reach our night sky.

Edgar Allan Poe

10. Answer these questions about the War of the Roses For 10 points each.

A. Two major battles were fought at this site, one in 1455, which York won, and the other in 1461, at which the Lancastrians rescued King Henry VI.

St. Albans

B. Queen Margaret raised an army that defeated the Yorkists in this battle in 1460, at which York was killed.

Wakefield

C. The Yorkists were victorious here in 1461, and Edward IV assumed the throne.

Mortimer's Cross

11. Poor Professor Higgins! Eliza's run out on him, and now he has no one to play phonetics with. Give your articulators a workout and PRODUCE the correct phonemes from descriptions and maybe Professor Higgins will give you a chocolate, or at least 10 points each.

A. voiced bilabial nasal stop

[m]

B. voiceless labiodental nonnasal fricative

[f]

C. voiced velar nonnasal stop

[g] (must say a hard g, ie. "guh"; "jee" is not acceptable)

12. In 1973, the only man to win four Academy Awards for Best Director passed away.

A. First, F5P, name the director.

John Ford

B. Now, F5PE, name the four movies which earned Ford his Oscars, with a bonus 5 for putting them in correct chronological order.

The Informer (1935), The Grapes of Wrath (1940), How Green Was My Valley (1941), The Quiet Man (1952)

13. Given a French monarch, identify which royal dynasty or house to which they belonged FTP each.

A. Henry IV
Bourbon

B. Philip II
Capet

C. Henry II
Valois

14. It's time for everyone's favorite bonus: Name that Carlos. For the given number of points, identify each Carlos in the news.

A. For 5 points: This 70s guitarist, famous for "Black Magic Woman," recently released his first album with the Arista label on which he collaborates with Lauryn Hill, Dave Matthews, and that guy from Matchbox 20.

Carlos Santana

B. For 10 points: This exiled bishop, the spiritual leader of East Timor, was a co-recipient of the 1996 Nobel Peace Prize.

Carlos Belo

For 15 points: November could be very sweet for this Royals centerfielder; he's getting married on the 6th, and he's a good candidate for Rookie of the Year a few days later.

Carlos Beltran

15. For the stated number of points, give the real first names of these famous athletes.

A. (5) Babe Ruth
George

B. (10) Nolan Ryan
Lynn

C. (15) Bo Jackson
Vincent

16. Give the main titles of the works from their subtitles for 10 points each, 5 if you need the author.

A. (10) A Novel Without a Hero

(5) William Makepeace Thackeray

Vanity Fair

B. (10) From This World to That Which is to Come

(5) John Bunyan

The Pilgrim's Progress

C. (10) A Comedy and a Philosophy

(5) George Bernard Shaw

Man and Superman

17. Name the Jewish holiday from a description FTPE.

A. During this fall harvest festival, meals are eaten in a sukkah, a booth with a roof of thatch, to recall the shelters of the Jews when they wandered in the wilderness.

Sukkoth (acc: Feast of Tabernacles)

B. This festival takes place on the 14th of the month Adar. The book of Esther is read in the synagogue, and celebrants feast, make merry, and wear costumes.

Purim (acc: Feast of Lots)

C. Taking Place on the 6th and 7th of Sivan, this is an agricultural festival which also celebrates the receiving of the Ten Commandments.

Shavuot (acc: Feast of Weeks)

18. The New York Times had this to say about the most recent biography of Ronald Reagan: "It is a loony hodgepodge of fact and fiction - mostly the latter." For the given number of points, answer the following questions about the book.

A. For 5 points: What is the book's title, also Reagan's nickname as a broadcaster in Des Moines in the 1940s?

Dutch

B. For 10 points: Who is the author of Dutch?

Edmund Morris

C. For 15 points: What president has Morris previously profiled?

Theodore Roosevelt

19. Answer these questions about America's favorite pastime, baseball.

A. For 10, he is the all-time minor league home-run champ. Name this veteran catcher for the Durham Bulls.

Crash Davis

B. For 10, he is the Iowa farmer who plowed under his corn to see the Black Sox play baseball.

Ray Kinsella

C. For 10, this Detroit Tiger is being traded after 20 years in the organization and his wife is leaving him. Name this pitcher who re-evaluates his life in the midst of throwing a perfect game.

Billy Chapel

20. Identify the following important battles in Scottish history FTP each.

It is said that George II had started to pack his bags and run before Bonnie Prince Charlie was defeated at this April 16, 1746 battle, after which the English set about slaughtering the Scots wounded.

Culloden

This battle of June 22, 1314, was the most decisive victory in Scottish history, as Robert the Bruce destroyed a larger English force under the direct command of Edward II.

Bannock Burn

The first Scottish victory against the English crown came in 1297, when Scottish patriots under William Wallace won a great victory after ambushing the English as they began to cross the namesake structure.

Stirling Bridge