

Wisconsin  
DB2K  
TOSSUPS:

1. In addition to his principal career, he was also appointed deputy secretary of state by John Kennedy, and served as a United Nations delegate, ambassador to Finland and director of the United States Information Agency. As a staunch advocate for handgun control, he was in the middle of a controversy in the 1980s when he was arrested, charged, and later cleared for using an unregistered weapon to wound an intruder breaking into his house. For 10 points, name this syndicated columnist, once called the most visible black journalist in America, who died in September 2000 after a 50-year career.

Answer: Carl **Rowan**

2. In 1811 he succeeded Sir Peter Parker as head of the British fleet with the sole purpose of escorting Louis XVIII to France. In 1789 he had been created as Duke of Clarence and Earl of Munster in Ireland so that he could take his place in the House of Lords. He married Princess Adelaide and had two children - but both of them died when they were very young. Upon the death of his brother Frederic, Duke of York, he became heir to the British throne becoming king in 1830. For 10 points name this successor to George IV of England whose niece Victoria ruled after him.

Answer: **William IV**

3. His name has been lent to laws relating the amount of chemical change in an electrolytic reaction to the amount of current used and the equivalent weights of various substances. The quantity of electricity that will cause a chemical change of one equivalent weight unit also bears his name. For 10 points, name this discoverer of benzene, who also lends his name to one of Maxwell's equations.

Answer: Michael **Faraday**

4. She avoided conventional punctuation and syntax as part of a style which was intended as a verbal form of cubism. A student of William James, she wrote poetry such as Tender Buttons and novels such as the Making of Americans along with the operas the Mother of us All and Four Saints in Three Acts For 10 points name this author whose home in Paris became a center for artists such as Picasso and who also coined the phrase the lost generation.

Answer: Gertrude **Stein**

5. Her latest book, "Kids Online: Protecting Your Children in Cyberspace," is accompanied by her own website on the subject. A member of the Commission on Child Online Protection, this magna cum laude graduate of the University of South Carolina would probably not want to show any of the pictures taken of her circa 1987 aboard the boat Monkey Business. For 10 points, name this children's advocate, still perhaps best known for her tryst with Senator and presidential candidate Gary Hart.

Answer: Donna **Rice Hughes** (accept either)

6. Some of this group's early names included the Originals, the New Originals and the Thamesmen (TEHMS-men), the name under which they recorded the hit "(Listen to the) Flower People." Their heavy metal albums, including Shark Sandwich and Intra-Venus de Milo, were critically panned, and their 1982 U.S. tour was snake-bitten, at least as recorded by Marty DiBergi (dih-BERG-ee). "This is," for 10 points, what group, whose Smell the Glove tour was the subject of a "rockumentary" by DiBergi (actually Rob Reiner)?

Answer: **Spinal Tap**

7. St. Peter called this man "my son" and he traveled with Barnabas and Paul on their first missionary journey together, but because he had deserted them in Pamphylia, Paul refused to travel with him to Syria. The book of Acts tells us that his name is actually John but he is more often known by his surname. This patron saint of Venice has his feast day on April 25th. FTP name this writer whose symbol is the lion and whose account of the gospel is thought to be the earliest.

Answer: St. **Mark**

8. Between 1871 and 1883 he worked as a locomotive fireman, wholesale grocer, and city clerk in Terre Haute, Indiana. In 1885, he served in the Indiana legislature. At the same time, he was an officer of the Brotherhood of Locomotive Firemen before resigning in 1893 to head the American Railway Union. While in prison in Woodstock, IL, he was converted to socialism by Victor Berger. For 10 points, name this labor leader who won 1,000,000 votes for President from prison in 1920.

Answer: Eugene Victor **Debs**

9. In Brian Skrymes article Choice and Chance he equates this with rationality itself. Francis Bacon declared that it was the same as scientific discovery. Bertrand Russell's "The Problems of Philosophy" contains one of the clearest explanations of its problem and partially suggests a solution - one which is generally accepted today. The problem was originally stated in "An Enquiry Concerning Human Understanding" in which Hume argues that this is needed for all knowledge of cause and effect. Because of this problem, we have no reason to believe the sun will rise tomorrow. For 10 points this is which type of reasoning used when we infer from many specific cases and conclude a general case.

Answer: **induction or inductive logic**

10. He first studied the cello and began to compose around 1926. Armenian and Oriental folk idioms are used in his popular pieces, such as his violin and piano concertos, his orchestral suite "Masquerade" and his ballet "Gayane" (guy-ANN). For 10 points, name this Russian composer, whose "Gayane" contains his well-known "saber dance."

Answer: Aram Ilich **Khachaturian** (kah-chuh-TUR-ee-an)

11. The second book of this work gives an account of funeral games for Anchises (ann-KIE-Seez) in the Aeneid and tells the story of the lead character's coronation as king. It is celebrated with games and contests but everyone falls asleep reading poetry. In the original version which was divided into only three books, the leading role was given to Lewis Theobald. Years later, the author changed the work adding a fourth book and giving the lead role to the poet laureate at the time Colley Cibber. For 10 points name this work which was written to attack the critics of its author Alexander Pope.

Answer: The **Dunciad**

12. The Name is almost the Same. One was a son of Deucalion and Pyrrha who ruled over Phthia in Thessaly. He married a nymph called Orseis and had three sons Dorus, Xuthus, and Aeolus. The other, by some accounts is the daughter of Zeus and Nemesis. In fleeing Zeus, Nemesis changed shapes several times finally settling on a goose. She was then raped by Zeus. This daughter was laid in an egg in an Attican woodland where it was found and brought to Leda. For 10 points, give the similar name of these mythological figures; the first one gave his name to the race of the Greeks, the second became the wife of Menelaus.

Answer: **Hellen or Helen**

13. The other shoe did finally drop for this school's football team on September 23<sup>rd</sup>, 2000, when suspensions from the "Shoe Box" scandal may have cost the team a game. Still, Michael Bennett has shown great promise as a replacement for a prominent graduate, and quarterback Brooks Bollinger has another year of experience. For 10 points, name this school, looking for a third consecutive Rose Bowl appearance despite the loss of Ron Dayne.

Answer: The University of **Wisconsin** - Madison

14. In a labor market an employer hopes to hire more people than a competitive market would hire while offering a lower wage than the competitive market wage. If the wage is less than the marginal revenue product, labor is exploited. The military, as well as Universities in small towns, are a common example of this market imbalance. For 10 points, name the economic term for a market, which, unlike a normal market, has only one buyer.

Answer: **Monopsony**

15. Recognized only by Pakistan, Saudi Arabia and the United Arab Emirates, this ruling faction, through deputy foreign minister Abdur Rahman Zahid (zah-HEED), is petitioning the United Nations for an Assembly seat. Its country's seat is still held by representatives of ousted president Rabbani, who accuses Pakistan of arming this ruling faction. For 10 points, name this group, whose U.N. application is largely being held up by the accusations that its country is sheltering Osama bin Laden (LAH-den); that country is Afghanistan.

Answer: the **Taliban** or **Taleban**

16. The tangent of the reflection angle is the ratio of the refraction indices of the materials on either side of the boundary. The reflected and refracted rays are separated by an angle of 90 degrees. Most interesting is a specific property of the reflected ray. For 10 points, name the law that describes this situation where the reflection of unpolarized light off a boundary between two media creates the maximum linear polarization in the reflected ray.

Answer: **Brewster's** Law (accept: **Brewster's** Angle)

17. It was hard to notice him among the special effects in Twister, though he did effectively describe a Suck Zone. He garnered attention as a man who makes obscene phone calls in Happiness, and his association with director Paul Thomas Anderson (most recently when he played a nurse in Magnolia) has helped him to prominence. Though he had a leading role in Flawless, he may still be best known for such smaller parts as Freddie Miles in The Talented Mr. Ripley. For 10 points, name this actor, who, in Fall 2000, plays real-life rock critic Lester Bangs in Almost Famous and a screenwriter in State and Main.

Answer: **Philip Seymour Hoffman**

18. This play can be classified as a comedy as the two lovers Valere and Marianna are trying to get together but are continually thwarted by Marianna's father who has become entranced by the title character to whom he has offered his daughter in marriage. However, when the villain is discovered making advances toward Elmire, the home-owner's wife, he is finally exposed. For 10 points name this play whose central target of ridicule is Orgon who has given all his property to the titular religious hypocrite; the playwright is Moliere.

Answer: Le **Tartuffe**

19. In 1853, this leader fled his country and worked in a tobacco factory. After 1857, he became both Vice President and Chief Justice of the Supreme Court. When President Comonfort approved the demands of a conservative uprising, this man fled the capital. After the three-year War of the Reform, he entered Mexico City wearing black in a black carriage. His presidency was interrupted by the reign of Emperor Maximilian. For 10 points, name this liberal leader eventually deposed by Porfirio Diaz.

Answer: Benito **Juarez**

20. The first player ever picked in the NBA Draft Lottery, he showed his merit by winning the NBA Rookie of the Year award in 1986. His trips to the championship game in college, from 1982 to 84, were not repeated in the pros until 1994, and his pro team never won a championship to match the 1983 NCAA Championship won by his Georgetown Hoyas. For 10 points, name this superstar center, whose lack of a championship may have spurred his desire for a trade to the Seattle Supersonics after 15 seasons with the New York Knicks.

Answer: Patrick **Ewing**

21. Absent in birds such as the ostrich and emu, it is best-developed in aquatic species like the pelican. The purpose of this gland, located near the base of the tail on the back, is not clear, though its secretions, that empty onto the skin surface via one or more nipple-like pores, are thought to help preserve the integrity of the feather structure. This would explain why birds spread the secretions over their bodies by rubbing with the head and bill. For 10 points, identify this gland, named because a bird's actions in using it mirror a person's actions in dressing himself up, or gloating.

Answer: the **preen** gland (accept: **preening** gland)

22. This is an NP-complete problem; the only known solution that guarantees the shortest distance requires a solution time that grows exponentially with the number of nodes. The nodes represent cities, while the directed edges connecting them - weighted according to the distance between cities - are called routes. The problem is to find a route which visits each city once and minimizes the distance traversed. For 10 points, name this mathematical problem, whose solution might have been useful to Willy Loman and Professor Harold Hill.

Answer: the **traveling salesman** problem (prompt on: **salesman** problem)

Wisconsin BONUSES:

1. Identify the following related to immune response, for 10 points each.

(10) This is any foreign body that triggers an immune response.

Answer: **immunogen** or **antigen**

(10) These bodies that release chemical mediators, including histamine, from coarse granules in their cytoplasm mediate inflammatory responses such as allergic reactions.

Answer: **mast** cells

(10) This term is defined as a severe, immediate, often fatal bodily reaction to a foreign substance to which an individual has become sensitized.

Answer: **anaphylaxis** (an-uh-fil-AX-is) or **anaphylactic** shock

2. For ten points each all or nothing give the authors of the following works and the countries which they were born in.

(10) Ficciones, Garden of Forking Paths

Answer: Jorge Luis **Borges, Argentina**

(10) Master Harold and the Boys, The Blood Knot

Answer: Athol **Fugard, South Africa**

(10) Snow Country, The Sound of the Mountain

Answer: Yasunari **Kawabata, Japan**

3. Answer these questions about related events for ten points each.

(10) This man, a British colonial administrator in South Africa led a raid in 1895 in an attempt to overthrow the Boer government of Paul Krugar.

Answer: Sir Leander Starr **Jameson**

(10) Jameson was a representative of this man, a british imperialist, who had hired Jameson on his behalf before. His political career in Cape Colony was of course ruined by the failed raid.

Answer: Cecil **Rhodes**

(10) After resigning as prime minister of Cape Colony Rhodes devoted himself to the development of a area of land which came to be known as Rhodesia in his honor. Southern Rhodesia later changed its name to this upon becoming independant of the British.

Answer: **Zimbabwe**

4. Name the following anthropologists from where they did their field work for ten points each.

(10) He studied the Trobrian Islanders as well as doing brief work in Africa and the Americas.

Answer: Bronislaw **Malinowski**

(10) His field work began with observations of the Central Eskimos as well as the indigenous British Columbian peoples.

Answer: Franz **Boas**

10) She did field work among the Native Americans as well studying contemporary European and Asian cultures. Much of her study focused on Japan.

Answer: Ruth **Benedict**

5. Nostos, or homecoming, bore certain problems for the victorious members of the Achaeans following the Trojan war. Answer the following related questions about those misadventures.

(5) For five points, Agamemnon returned home to find Aegisthus had taken this woman, Agamemnon's wife, as his lover.

Answer: **Clytemenestra**

(10) For ten, which Greek hero failed to sacrifice to Poseidon and thus was blown off course to Egypt and had a delayed homecoming. He was later visited by Telemachus.

Answer: **Menelaus**

(10 or 15) While in Egypt, Menelaus's helmsman and his wife died. Cities named after them were legendarily created. For 10 points for one or 15 for both name these two characters whose namesake cities were discovered in Summer of 2000 under the Mediterranean outside Alexandria.

Answer: **Canopis** and **Menouthis**

6. Answer the following about whimpering endings to supposedly big stories investigated by the suddenly much maligned New York Times, for 10 points each.

(10) Suspect reporting by the Times seems to have helped propel the espionage case that ultimately fell apart, against this Los Alamos nuclear scientist, accused of selling secrets to China.

Answer: **Wen Ho Lee**

(10) The Whitewater affair, also investigated vigorously by the Times, came to an official end in September 2000 when this special prosecutor - the successor to Ken Starr - announced no charges would be brought against the Clintons.

Answer: Robert **Ray**

(10) Urgent, but suspect, reporting by the Times about how the Loral Corporation inadvertently gave rocket secrets to China led to the formation, in 1999, of a committee named for this Republican representative from California - a committee whose investigations of Chinese espionage have been largely discredited by other sources.

Answer: Christopher **Cox**

7. Answer the following related questions for ten points apiece

(10) This author's first work was "Fanshawe", an anonymously written novel about his life in college. His last was "The Marble Faun."

Answer: Nathaniel **Hawthorne**

(10) This Hawthorne title comes from Shakespeare's King John. It contains, among other things, "The Minister's Black Veil".

Answer: **Twice Told Tales**

(10) This story by Hawthorne is about a Utopian community modeled on Brooke Farm where he briefly stayed.

Answer: The **Blithedale Romance**

8. Given an atomic orbital, name the orbital that follows it in filling order as one proceeds towards higher atomic number on the periodic table, for 10 points each. For example, if given 1s the answer would be 2s.

(10) 2s

Answer: **2p**

(10) 3p

Answer: **4s**

(10) 4f

Answer: **5d**

9. Everybody into the pool! Answer the following about the swimming competitions at the 2000 Summer Olympics, for 10 points each.

(10) Perhaps the star of the Games for the Australians, this 17-year-old swimmer won three gold medals and a silver, while setting or helping set four new world records.

Answer: Ian **Thorpe**

(10) This American won her eighth career gold medal at the 2000 Games, setting the record for career gold medals won by an American woman.

Answer: Jenny **Thompson**

(10) This country, that has only two swimming pools (both at hotels) and no Olympic-sized ones, began a swim team six months before the Olympics. The determination shown by its last-place finishers Eric Moussambani (moo-sahm-BAH-nee) and Paula Barila added touching moments to the Games.

Answer: **Equatorial Guinea** (do not accept: **Guinea** alone)

10. Name the title cities in which the following events from various TV series would have taken place, for 10 points each.

(10) J.R. Ewing is shot.

Answer: **Dallas** (Dallas)

(10) Detectives Crockett and Tubbs bring down a drug lord.

Answer: **Miami**, Florida (Miami Vice)

(10) Doctors Geiger and Shutt help Dr. Kronk bend the rules to save a patient's life, infuriating Chief of Staff Phillip Watters.

Answer: **Chicago** (Chicago Hope)

11. Name the artist from works on a 30-20-10 basis.

(30) Judith and Holofernes, Fortitude, the Adoration of the Magi (from the church of the Santa Maria Novella)

(20) Madonna of the Magnificat, Pallas and the Centaur, three frescoes for the Sistine Chapel

(10) Primavera (pree-muh-VER-uh)

Answer: Sandro **Botticelli** (bah-tih-CHEL-ee) or Alessandro di Mariano **Filipepi** (fih-lih-PEH-pee)

12. For ten points each, name these early civil rights leaders.

(10) This editor founded the National Afro-American league as an alternative to the two major parties

Answer: T. Thomas **Fortune**

(10) This head of the Tuskegee Institute advocated "severe constant struggle" instead of "artificial forcing"

Answer: Booker T. **Washington**

(10) This co-founder of the NAACP wrote Souls of Black Folk

Answer: William E.B. **DuBois**

13. From 1990 to 1999, five of the ten Oscar winners for best song came from Walt Disney films. For five points each, and a five point bonus for all correct, give the films from which these non-Disney best song winners came.

(5) Sooner or Later (I Always Get My Man)

Answer: **Dick Tracy**

(5) Streets of (blank) (where "blank" is the title of the film)

Answer: **Philadelphia**

(5) You Must Love Me

Answer: **Evita**

(5) My Heart Will Go On

Answer: **Titanic**

(5) When You Believe

Answer: **Prince of Egypt**

14. Answer the following about electromagnetic wave propagation, for the stated number of points.

(10) The frequency of the wave can be determined by dividing what quantity into the speed of light?

Answer: **wavelength**



(5,5) The mutual induction between radiation fields that allows the wave to propagate is described by which two laws?

Answer: the **Ampere**-Maxwell (or just **Ampere's**) Law and **Faraday's** Law

(10) This is the vector which shows the direction of propagation of the wave's energy; though it sounds like it's named for the job it does, it is actually named for an English physicist.

Answer: the **Poynting** vector

15. Answer the following questions about Imagism FTPE.

(10) This American poet was an early friend of Pound and was influenced by imagism, but would later scorn Pound. He wrote "Pictures from Brughel" as well as the five volume epic "Paterson."

Answer: William Carlos **Williams**

(10) Married to Richard Adlington and once briefly engaged to Ezra Pound, her prose included Palimpsest and The Gift, while her first book of verse, Sea Garden, helped established her.

Answer: Hilda **Doolittle**

(10) She wrote Sword Blades and Poppey Seed as well as A Dome of the Many-Colored Glass. She was the leader of the Imagist movement in the US.

Answer: **Amy Lowell**

16. When Venus Williams won the women's singles titles at Wimbledon and the U.S. Open in 2000, she increased the number of black players (men and women) who have won Grand Slam singles titles to five. One of the other four players is her sister, Serena. Identify the other three from the singles titles they won, for 10 points each.

(10) French Open, 1956; Wimbledon, 1957 and 1958; U.S. Open, 1957 and 1958.

Answer: Althea **Gibson**

(10) U.S. Open, 1968; Australian Open, 1970; Wimbledon, 1975

Answer: Arthur **Ashe**

(10) French Open, 1983

Answer: Yannick **Noah**

17. Identify the following about a brief scuffle that occurred just before the 2000 Democratic National Convention, for 10 points each.

(10) This U.S. Representative, who defeated Bob Dornan to gain her House seat, nearly had her speaking slot at the convention pulled by party chair Joe Andrew.

Answer: Loretta **Sanchez**

(10) Ms. Sanchez had her slot returned only after she agreed to hold a major fundraiser at a Hollywood studio instead of this location.

Answer: the **Playboy Mansion**

(10) Sanchez is a representative from this state.

Answer: **California**

18. For 10 points each, name these medieval Islamic siege weapons.

(10) This swing-beam device hurls projectiles by rocking a giant arm.

Answer: **mangonel** (manjaniq)

(10) This lighter hurler of projectiles worked by twisting a cord.

Answer: **ballista** ('arrada)

(10) According to al-Tarsusi, it was made from tar, resin, sandarac, lac, sulfur, dolphin fat, and goat kidneys

Answer: **Greek fire** (naft)

19. Give the titles of the following works of Sigmund Freud from a brief description for ten points each.

(10) In this work written in 1920 Freud moves away from the Ego/Id distinction and toward the new dichotomy between Eros and the death instincts. The problem of destructiveness also makes its first explicit appearance here. The title makes you think it's Roger Corman's take on a Janet Jackson album.

Answer: **Beyond the Pleasure Principle**

(10) This collection of essays published in 1913 is Freud's first real contribution to social anthropology. Part I is titled "The Horror of Incest."

Answer: **Totem and Taboo**

(10) This collection of three essays was not published until 1939 but is a continuation of "Totem and Taboo." It contains a discussion of ancient Egyptian religion as well as many other forms of worship.

Answer: **Moses and Monotheism**

20. Identify the namesakes of the following mathematical entities, for 10 points each.

(10) A series which represents a function as a sum of sines and cosines.

Answer: (Jean-Baptiste-) Joseph, Baron **Fourier** (foo-ree-AY)

(10) A number that characterizes various classes of geometrical figures based only on the topological relationship between the number of faces, vertices and edges. This mathematician was born in Basel.

Answer: Leonhard **Euler** (OY-ler)

(10) An operator, usually called "del-squared," that is defined as taking the divergence of the gradient of a scalar function.

Answer: Pierre-Simon, marquis de **Laplace**

21. Identify the following musical forms from brief descriptions, for 10 points each.

(10) A concluding passage based on extensions or re-elaborations of a work's motives, named from the Italian for "tail."

Answer: **coda**

(10) A composition for instruments or voices, characterized by the systematic imitation of a principal theme in simultaneously sounding melodic lines; its name comes from the Latin for "flight."

Answer: **fugue**

(10) An instrumental form characterized by the initial statement and periodic restatement of a particular melody or section, the various appearances of which are separated by contrasting material.

Answer: **rondo**

22. Answer the following questions about a certain Roman ruler for ten points each.

(10) This man was the emperor of the east from 375 until his death. He later also ruled the western empire making him the last sole emperor.

Answer: **Theodosius I or the Great**

(10) After being baptized Theodosius rooted out this belief which held that Jesus was a superhuman, but not quite divine. He then called the first Council of Constantinople to proclaim victory over it.

Answer: **arianism**

(10) After being excommunicated for killing rebellious peasants Theodosius was forced to do penance before this man - the bishop of Milan at the time.

Answer: **St. Ambrose**