

## Tossups by Wisconsin

1. In 1925, S. Goudsmit and G. Uhlenbeck, graduate students at Leiden, suggested that it was the z component of  $m_s$  of an intrinsic angular momentum of the electron. The same year, W. Pauli suggested that the electron has an additional quantum number that can take on just two values. FTP, what is this property which every elementary particle has that must be an integral value for bosons but must be a half-integral value for fermions.

ANSWER: \_Spin\_ (or \_Electron Spin\_ on a buzz before electron)

2. One of his arguments against the existence of gods is "If there were gods, how could I stand not being one? Therefore there are no gods." Some of this nineteenth century philosopher's arguments were used along with arguments from Kierkegaard to form the basis for existentialism. His writings such as "Thus Spake Zarathustra" and "Beyond Good and Evil" were used by the Nazis as justification for their doctrines of racial and national superiority. FTP, name this philosopher, perhaps most famous for his quote "God is dead."

ANSWER: Friedrich Nietzsche

3. This former NBA basketball player was considered such a great player that it is his image that is used in the official NBA logo. The only player ever to win an NBA finals MVP award and play for the losing team, he accomplished this feat when his team lost in seven games to the Boston Celtics in 1969, whose jump shots under pressure earned him the nickname "Mr. Clutch." FTP, name this former Laker, who currently serves as the L.A. Lakers executive vice president

ANSWER: Jerry West

4. He secured Napoleon's marriage to Marie Louise, and so impressed the French at the Congress of Rastat that Napoleon I requested that he be made envoy to France. He credited his exposure to what he called revolutionary excesses as a student at Strasbourg with fomenting his extreme conservatism and hatred of political unrest. FTP, name this chief Austrian representative to the Congress of Vienna, whose influence was so strong that the European period from 1815-48 is often called his "age."

ANSWER: Clemens Wenzel Nepomak Lothar Furst von Metternich (metter-NICK)

5. His novels, such as *Rock Wagram* and *The Laughing Matter*, were inspired by his own marriage, fatherhood and divorce. Most of his story collections, such as *The Daring Young Man on the Flying Trapeze*, *My Name is Aram* and *The Human Comedy* are based on his childhood and family. FTP, name this playwright and author, who, because he thought the work no better than others he had written, refused the 1939 Pulitzer Prize for his play *The Time of Your Life*.

ANSWER: William Saroyan

6. These are formed when coral deposits on the surface of a sunken volcano, submerged mud bank, or crater rim. Once they reach the surface, they form a lagoon, possibly with channels connecting the lagoon to the open sea. FTP, name this ring shaped structure, of which Bikini is a famous example.

ANSWER: Atoll

7. Its suspension was the primary point of contention in the case of *Ex Parte Merryman* in 1861. Dating in its modern usage to the time of Henry VII of England, its powers were codified in England by an eponymous 1679 act, and passed to the United States during the Colonial period. FTP, name this legal writ, which forbids the police from holding persons without formally charging them.

ANSWER: Habeas Corpus

8. They will be using Joseph Stefano's script, but it is unclear whether Gus Van Sant will reprise one of the most famous trailers in film history by taking audiences on a guided tour of one of the primary sets. Viggo Mortensen will take over as Sam Loomis, Robert Forster is the new Dr. Richmond, and William H. Macy assumes the mantle of Milton Arbogast, while Anne Heche steps into the fateful role of Marion Crane. FTP, name this 1998 film, a "redesign" of a 1960 film based on a Robert Bloch novel, which will feature Vince Vaughn as Norman Bates.

ANSWER: Psycho

9. He arrived in Ireland in 1491 in the employ of a silk merchant. By 1499, he had been hanged with the earl of Warwick, after having twice tried to invade England. FTP, name this man, who was persuaded by James IV of Scotland and Holy Roman Emperor Maximilian I, among others, to impersonate Richard, duke of York and attack Henry VII.

ANSWER: Perkin Warbeck

10. Everyone links Max Weber with the protestant ethic and industrialism, but this English historian expanded upon Weber's books with Religion and the Rise of Capitalism. He was English, born in India, but studied in England and later taught at the London School of Economics. FTP, name this author of The Acquisitive Society, who shares the pronunciation of his name with a Supreme Court chief justice.

ANSWER: Richard Henry Tawney

11. His early prose fantasy *The Shaving of Shagpat: An Arabian Entertainment* baffled many of his readers, who did not know whether to regard it as allegory or fairy tale. Initially a poet, and author of such poetic works as the volumes "Modern Love, and Poems of the English Roadside, with Poems and Ballads," he is perhaps better known as the author of such novels as *Diana of the Crossways*. FTP, name this 19th Century British author, who also wrote *The Egoist* and *The Ordeal of Richard Feverel*.

ANSWER: George Meredith

12. Born in 1577 in Siegen, Westphalia, he was the court painter to the duke of Mantua from 1600-1608. He was the head of a very large studio which produced over 2,000 works of art. FTP, name this Flemish master, who, in the last ten years of his life, produced his most famous paintings, including *The Judgment of Paris*, *Three Graces*, and *Venus and Adonis*.

ANSWER: Peter Paul Rubens

13. Although born a shepherd, he achieved status in Greek mythology by daring to light Heracles' funeral pyre. This slayer of Paris was abandoned on the isle of Lemnos due to a festering wound, but, in a play by Sophocles, Odysseus is successful in convincing him to return to Troy with

Heracles' bow, a necessity for the Greeks to win the Trojan War. FTP, name this Greek, who shares his name with the Sophoclean play about him, and Hercules' trainer in a Disney movie.

ANSWER: Philoctetes

14. Commanded by Leonard Wood, they were mostly ranchers and cowboys from the West, with a sprinkling of adventurous blue bloods from Eastern universities. Transportation difficulties caused this group's horses to be abandoned in Florida, and they fought in and around Santiago chiefly on foot. FTP, name this squad, largely organized by Theodore Roosevelt, famous especially for its exploits at San Juan Hill in the Spanish-American War.

ANSWER: The First Regiment of the US Cavalry Volunteers or the Rough Riders

15. The son of a watchmaker, he invented an escapement mechanism, the question of whose patent led to the first of his many legal actions. He wrote brilliant polemics, called *Memoires*, for his defense in these suits, and built his reputation. He also brought about the first complete edition of the works of Voltaire, and was sent on secret missions by Louis XV and XVI to buy arms for American revolutionaries. FTP, name this French author, still best known for two outstanding comedies of the scheming butler genre: *The Barber of Seville* and *The Marriage of Figaro*.

ANSWER: Pierre-Augustin Caron de Beaumarchais

16. Skittish producers temporarily changed the name of this show's main character to Hanley, after it had the poor fortune to debut only a few months prior to the assassination attempt on Ronald Reagan in 1981. The main character, the once and future Ralph Hinckley, fought crime with the help of right-wing FBI agent Bill Maxwell and loyal, gorgeous lawyer Pam Davidson, as well as a gift bestowed on him during an alien encounter in the Southern California desert. FTP, name this 1980s TV series, where William Katt played the reluctant superhero who couldn't believe he was "walking on air."

ANSWER: The Greatest American Hero

17. The name was used by the Knights of the Golden Circle during the US Civil War, but is more famous for an earlier usage. It comes from a phrase used by Isaac Barre in a speech against the Stamp Act of 1763 in Parliament, and names groups formed in protest to that same act. FTP, name these filial-sounding groups who communicated through committees of correspondence.

ANSWER: Sons of Liberty

18. Elaine, of Arthurian legend, is shut in her father's coldly beautiful castle on an island, imprisoned because she holds out for chaste love. The poem is a typically Victorian exaltation of her. FTP, name this work, titled for the woman and the island she is on, written by Alfred, Lord Tennyson.

ANSWER: The Lady of Shalott

19. As an Athenian general, he failed to prevent the surrender of the city of Amphipolis to the Spartans in 424 B.C.E, and was exiled until the end of the war. He then had time to acquire firsthand information about the combatants, and interpret their actions with respect to the general behavior and nature of man, rather than uncontrollable outside influences. FTP, name this man,

who thus established the traditions of the academic study of history with his one great work, *The History of the Peloponnesian War*.

ANSWER: Thucydides

20. It was one of the earliest American novels to deal, even obliquely, with lesbianism. Adapted from Alphonse Daudet's *L'Evangeliste*, it tells of the de facto love triangle between ardent feminist Olive Chancellor, spellbinding orator Verena Tarrant and Basil Ransom, a gracious but reactionary Confederate army veteran. FTP, name this early Henry James novel, whose title shows how, in adapting the French work, James moved the action to New England.

ANSWER: The Bostonians

21. Things came to a head when Dumitru fired Luminita Miscenko, after he had brought her all the way from Romania and built a \$4 million facility for her to teach in. Now, Dumitru and his wife Camelia are being taken to court by a girl who no longer wants to have any part of them. FTP, give the family name of Dumitru and Camelia, which also belongs to the girl suing for separation from them, their Olympic gymnast daughter Dominique.

ANSWER: Moceanu (moe-chay-AH-new) (accept Dominique Moceanu)

22. For Albert Einstein, this number is 3. Referring to co-authoring papers rather than doing mathematics, this number is named for an incredibly prolific mathematician. FTP, name this mathematician, who published over 1500 papers until he died in 1997.

ANSWER: Paul Erdos

23. Napoleon the Third supposedly owned a set of table ware made from this element, which was isolated in 1825 by Hans Christian Ørsted but couldn't be produced in large quantities until 1886, with the advent of the Hall-Heroult (er-OWE) process. FTP, name this now-common silvery white metal with atomic number 13.

Answer: Aluminum

24. Though there is no dancing associated with it, John Coolidge Adams popular composition *The Chairman Dances* is subtitled this "for Orchestra." In the 1920s, this "new style" of dance, characterized by smooth, walking-style movements, was denounced by many as "impure" and increasing carnality... FTP, name this dance named after its creator, Harry Fox.

ANSWER: the foxtrot

25. These mammals are of the family Bradypodidae and all living species are tree dwellers although extinct species once roamed throughout North and South America. Their present habitat ranges through Central and South America and they are well camouflaged among the leaves because of the green alga that can grow among their stiff, brownish hairs. FTP, name this animal that shares its name with a deadly sin.

ANSWER: Sloth (accept three-toed sloth, unauus or ai on an early buzz)

26. Home of a national cemetery with over 6,000 graves, it is the seat of Alcorn County in extreme northeastern Mississippi. Abandoned to Union troops under H.W. Halleck in May, 1862 after Shiloh, it was a strategic railroad junction in the South. FTP, name this city, which

shares its name with a Greek Village, isthmus and gulf.

ANSWER: \_Corinth\_

27. Born in Kentucky, this astronomer studied at the University of Chicago and at Oxford. He developed a classification system for galaxies and invented a constant which bears his name that measures the rate of expansion of the universe. FTP, identify this scientist, namesake of an infamous NASA telescope.

ANSWER: Edwin P. \_Hubble\_



### Bonuses by Wisconsin

1. FTP each, given the summary of a Gilbert and Sullivan Show, name it.

(a) "King Richard" is dismayed at the idea of having Major-general Sullivan as a father in law as his men prepare to marry Sullivan's daughter.

ANSWER: The Pirates of Penzance

(b) The show opens in the town of Titipu where the chorus of nobles are joined by Nanki-Poo, disguised as a second trombone, who is looking for Yum-Yum, the ward of Ko-Ko.

ANSWER: The Mikado or The Town of Titipu

(c) Once he has finished his song, the Captain joins Buttercup. She tells him she cannot bear to see him so unhappy. Although he is flattered by her attention, he dissuades her based on their different social levels.

ANSWER: H.M.S. Pinafore

2. Given the formula, name the functional group, FTP each

(a) COOH

ANSWER: Carboxylic acid

(b) Carbon double bonded to oxygen and an  $\text{NH}_2$ .

ANSWER: Amide

(c) Carbon triple bonded to a nitrogen and one carbon.

ANSWER: Nitrile

3. 1936 was the first year that the major league baseball hall of fame began inducting members. There were five inductees in that first year, all of whom are still considered some of the all-time greatest to play their positions. There were two outfielders, a shortstop, and two pitchers. FFP each, and a five point bonus for all five correct, give the first five baseball hall of fame inductees.

ANSWER: Babe Ruth, Ty Cobb, Walter Johnson, Christy Matthewson, and Honus Wagner

4. General Augusto Pinochet (pee-no-SHAY) is back in the news, about to be tried for human rights abuses committed during his reign as Chilean President or Dictator, depending on your point of view. Answer the following about this notable figure.

(a) F5P: Pinochet's 1973 coup deposed this president, who had ruled over a Socialist and Communist Party coalition.

ANSWER: Salvador Allende (ah-YEN-day)

(b) F10P: Pinochet was arrested in this country in October, 1998, where he was recovering from

back surgery.

ANSWER: \_Great Britain\_ or \_England\_ or \_U\_nited \_K\_ingdom

(c ) F15P: This is the name of the organized plan of repression allegedly implemented by military regimes in Chile, Uruguay and Argentina in the 1970s and 1980s, of which Pinochet is accused of being a part.

ANSWER: \_Operation Condor\_

5. Non-disjunction of chromosomes in meiosis can form several problems. Given a description of the genotype and phenotype, give the common name for the human condition that results, FTP each.

(a) Individuals affected with this condition, genetically identified as trisomy-21 are usually mildly to moderately retarded and have congenital heart defects.

ANSWER: \_Down\_ Syndrome

(b) A sterile female is the result of this condition in which an individual possesses only one unpaired sex chromosome, the X.

ANSWER: \_Turner\_ Syndrome

(c ) This is the name for a condition in which a cell has more or less than a complete set of chromosomes. It is typically when the cell has one extra chromosome or lacks a particular chromosome.

ANSWER: \_aneuploidy\_

6. I will give the manner of eternal torture a person or group suffers in Greek myth and you tell me the person or group

(a) FFP: For trying to feed his son to the gods, he was put in a lake with water and fruit remaining forever nearby but receding from his grasp.

ANSWER: \_Tantalus\_

(b) FFP: His troubles began when he chained up death. Now, he attempts to push a boulder over the crest of a hill but inevitably fails.

ANSWER: \_Sisyphus\_

(c ) FTP: A son of Gaea who attempted to rape Leto, he lays over 9 acres as a vulture continuously tears at his liver.

ANSWER: \_Tityus\_

(d) FTP: As punishment for all 49 of these women killing all 49 of their husbands, they must try to fill a trough with leaky vessels.

ANSWER: The \_Danaids\_ (accept The \_Daughters of Danaus\_)

7. Who's afraid of Virginia Woolf? Hopefully not you. For the stated number of points, identify the following Woolf works.

(a) FFP: This examination of the nature of time in personal experience interweaves the title character's preparations for a party with the story of mentally ill war veteran Septimus Warren Smith.

ANSWER: Mrs. Dalloway

(b) FTP: In this novel, Mr. Flanders so zealously pursues classicism at the expense of interpersonal relationships that he ends up only with scattered objects in a dim living space.

ANSWER: Jacob's Room

(c) F15P: This essay collection includes tracts on Jane Austen, Joseph Conrad and John Donne, as well as the essay "How Should One Read a Book?"

ANSWER: The Common Reader

8. FTP each, identify the ruling house or dynasty of each country or empire, given the dates of its reign. Hint: each is considered the first organized ruling group of its domain.

(a) France, 987-1328

ANSWER: The Capetian house

(b) Russia, 1462-1598

ANSWER: The Rurik house

(c) Holy Roman Empire, 919-1024

ANSWER: The Saxony dynasty or the Liudolfings

9. Identify these US Supreme Court cases, commonly known by a name rather than "someone v. someone," for the stated number of points.

(a) FFP: The person being sued in this 1857 case was J.F.A. Sanford, the legal administrator of Dr. John Emerson's widow.

ANSWER: The Dred Scott Case

(b) FTP: In this series of 1873 decisions, the state of Louisiana was sued for depriving some business owners of due process by granting a 25-year monopoly to another company in this same, particular type of enterprise.

ANSWER: The Slaughterhouse Cases

(c) F15P: This 1908 case, in which a labor union was determined to have violated anti-trust laws by boycotting a Connecticut business, was a direct impetus for the Clayton Anti-Trust Act.

ANSWER: The Danbury Hatters Case

10. The human body has many different cells that combine to form the immune system. FTP each,



identify the following three types of cells:

(a) This is another name for antibodies. They are high molecular weight proteins that can combine with antigens such as bacteria and produce immunity.

Answer: \_immunoglobulins\_

(b) These also originate from bone stem but do not mature in the thymus gland and live about a week to a month, using antibodies to attack.

ANSWER: \_B-cells\_ (accept B-lymphocytes)

(c) Although they are not classified as white blood cells, these are often the organisms first line of defense against invaders. They act by engulfing objects they encounter. One of their important roles is digestion of old and damaged red blood cells in the spleen.

ANSWER: \_Macrophages\_

11. Name the composer/lyricist(s) of recent musicals given shows they worked on.

(a) FTP- The lyricist of Into the Woods.

ANSWER: Stephen\_Sondheim\_

(b) FTP each -The composer/lyricist team of Les Miserables, and Miss Saigon.

ANSWER: Alain\_Boublil\_ and Claude-Michel\_Schonberg\_

12. For the stated number of points, name the Wyeth based on a work.

(a) FFP: The Wyeth who painted Cristinas World.

ANSWER: \_Andrew\_ Wyeth

(b) FTP: The Wyeth who gained fame as an illustrator

ANSWER: \_N\_ewell \_C\_onvers Wyeth

(c ) F15P: The Wyeth who created realistic portrayals of seashores and lighthouses in Maine as well as livestock and other subject.

ANSWER: \_James\_ or \_Jamie\_ Wyeth

13. Identify the following titular objects from literature, FTP each.

(a) Akaky Akakiyevich believes a new one of these is his ticket to advancement in society in a Gogol short story.

ANSWER: \_Shinel\_ or \_Overcoat\_

(b) It is shown to the jeweler-poet, a symbol of his lost infant daughter, who has died and become a bride of Christ.

ANSWER: The \_Pearl\_

(c) The Ranevsky's are forced to sell their estate which contains this plot of land. Lopahkin buys

the land and builds houses on it.

ANSWER: The \_Cherry Orchard\_ or \_Vishnovy sad\_

14. It is often called the first "world war," as it encompassed conflicts on three continents around the globe. Answer these questions about the Seven Years War.

(a) FFP: name any of the eight years during which all or part of it took place.

ANSWER: \_1756\_ to \_1763\_ (all in between as well)

(b) FFP: In the United States, this is the name commonly given to the fighting associated with the Seven Years War.

ANSWER: The \_French and Indian\_ War

(c) FTP: Name either of the leaders of the British and French colonial interests in India at the time, who continued the fighting there.

ANSWER: Joseph Francois \_Dupleix\_ (doo-PLAY) or Robert \_Clive\_

(d) FTP: Name either treaty which ended the Seven Years War, one among Prussia, Austria and Saxony; the other among England, France and Spain.

ANSWER: The Treaty of \_Hubertusberg\_ (Prussia, Austria, Saxony) or The Treaty of \_Paris, 1763\_ (England, France, Spain)

15. Identify the following "chronicler" authors, from a work, for the stated number of points.

(a) FFP: The Martian Chronicles

ANSWER: Ray \_Bradbury\_

(b) FTP: The Heidi Chronicles

ANSWER: Wendy \_Wasserstein\_

(c) F15P: Chronicles of England, Scotland, and Ireland

ANSWER: Raphael \_Holinshed\_

16. For the stated number of points, name these people associated with the biblical King David.

(a) FFP: The son of David through Bath-Sheba, he became king upon his father's death.

ANSWER: \_Solomon\_

(b) FTP: Another son of David, he tried to revolt against his father and died when his hair caught in a tree and left him hanging.

ANSWER: \_Absalom\_

(c) F15P: The captain of David's army, he killed Absalom.

ANSWER: \_Joab\_

17. Identify the following items related to superconductivity FTP each:

(a) Heike Kamerlingh Onnes discovered in 1911 that this substance was the first superconductor.

ANSWER: Mercury

(b) This effect refers to the property of superconducting materials to completely repel magnetic currents.

ANSWER: Meissner effect

(c) Identify to within 25 Kelvin the highest currently found transition temperature.

ANSWER: 134\_K (accept 109K to 159K)

18. Give the name of the manned space program given clues FTP each.

(a) Yuri Gagarin flew in this program's first mission and Valentina Tereshkova in the sixth.

ANSWER: Vostok

(b) Alan Shepard flew in the third mission of this program and John Glenn in the sixth.

ANSWER: Mercury

(c) In 1965, the fourth mission in this program was the first U.S. mission to contain extra-vehicular activity.

ANSWER: Gemini

19. Given a shortened version of a computer programming language, give the full name FTP apiece.

(a) Fortran

ANSWER: Formula Translation

(b) Cobol

ANSWER: Common Business Oriented Language

(c) Pearl

ANSWER: Practical Extraction and Report Language

20. Name the rulers or ruling powers who brought sweeping changes to their country's religion.

(a) FFP: This Egyptian pharaoh brought monotheism to his country.

ANSWER: Amenhotep IV or Akhenaton

(b) FTP: This Indian emperor of the Maurya dynasty spread Buddhism through his and neighboring lands in the third century, B.C.E.

ANSWER: Asoka

(c) F15P: This Persian empire made Zoroastrianism the official religion in that region in 224 A.D.  
The Sassanian or Sassanid dynasty

21. FTP each, identify the country, given a group or groups of people who live there and a few other clues.

(a) The Walloons live in the south and east of this country and speak dialects of French.

ANSWER: Belgium

(b) Among this countrys people are the Sundanese, Madurese and Balinese.

ANSWER: Indonesia

(c) Among this countrys people are the Wolof, who live in the vicinity of Rosso, and the Tukolor, who live in the Senegal River valley.

ANSWER: Mauritania

22. Identify these 20th Century authors I always get mixed up, FTP each.

(a) The author of Winterset and What Price Glory?

ANSWER: Maxwell Anderson

(b) The author of the novel Windy McPherson's Son and the short story collection The Triumph of the Egg.

ANSWER: Sherwood Anderson

(c) The writer of the plays Idiots Delight and The Petrified Forest.

ANSWER: Robert Emmet Sherwood

23. 30-20-10 Name the man:

30) This astronomer discovered a new star in the constellation Cassiopeia in 1572, now recognized as a nova.

20) He worked for King Frederick in Germany and developed a star chart giving the position of over 777 fixed stars.

10) This Dane lived a colorful life and might be best known for having a gold nose, having lost the original in a duel.

ANSWER: Tycho Brahe (accept either)

24. In 1999, there will be a new single currency created called the euro.

(a) FFP each, give the four countries in full membership in the European Community who won't join.

ANSWER: Greece, Great Britain (or England or U\_nited\_K\_ingdom), Denmark, Sweden

(b) FTP, to within twenty cents, give the current value of one euro in dollars.

ANSWER: \_\$1.20\_ (accept \$1.00 to \$1.40)

25. Psychological testing not only measures IQ but gives insight into other variables as well. FTP each, identify the test:

(a) This test consists of over 500 questions, and careful analysis reveals patterns which describe one's personality, measured on 14 scales

ANSWER: \_MMPI\_ (Minnesota Multiphasic Personality Inventory)

(b) This test uses twenty pictures and measures areas of anxiety, interpersonal relationships, and personal conflict through the meanings given of the pictures.

ANSWER: \_TAT\_ (Thematic Appreciation Test)

(c) This self-administered test of 21 questions measures psychological symptoms of depression.

ANSWER: \_BDI\_ (beck Depression Inventory)

26. (Film) Name the Stanley Kubrick film, given the year of its release, FTP apiece.

(a) 1980

ANSWER: The \_Shining\_

(b) 1971

ANSWER: A \_Clockwork Orange\_

(c) 1964

ANSWER: \_Dr. Strangelove\_ or How I Learned to Stop Worrying and Love the Bomb