

WIT 2002

Round 10

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1 Toss-Ups

1. A character by this name, meaning "ruler" or "prince," is the father of the princess Glauce and ruler of Corinth in a Euripides play; he and his daughter (*) die from a robe poisoned by the exiled Medea. In Sophocles, one is the brother of Jocasta and ruler of Thebes upon Oedipus's exile. FTP, name the character who feuds with Antigone.

Answer: Creon

2. It is named for a bishop of Ypres (EEP) who wrote a treatise called *The Augustinus*, and flourished under Antoine Arnauld at (*) Port-Royal. The Jesuits hated this ascetic movement, and the Pope condemned it in 1653, partly due to the incendiary *Provincial Letters*. FTP, identify this movement associated with Jean Racine and Blaise Pascal.

Answer: Jansenism

3. His victories, such as repulsing an 1838 French invasion, pale beside his failures: scrapping the 1824 constitution and losing half his territory in 1848. President of his nation eleven different times, he won elections and coups, and staged a triumphant return in which his amputated leg (*) was paraded through the streets. FTP, name this Mexican general who lost Texas but won at Goliad and the Alamo.

Answer: Antonio López de Santa Anna

4. This group was formed in 1964 by southerners, mainly Chokwe and Ovimbundu, disenchanted with the rival independence groups FNLA and MPLA. It's feuded with latter since 1975, when the three groups jointly won independence from (*) Portugal. It was founded by "12 men with knives" according to its longtime leader, who was slain in February 2002. For 10 points—name Jonas Savimbi's rebel group in Angola.

Answer: UNITA (The National Union for the Total Independence of Angola)

6. This country's president tried to prevent early elections in 2002, since his Democratic Left party is losing votes to the Justice and Development party, led by a former mayor who was once jailed for inciting religious hatred. The ailing President (*) Ecevit holds together a fragile coalition against Islamism and in favor of the EU. FTP, identify his secular Mediterranean nation.

Answer: Turkey [look into more clues]

7. This work comprises two essays: "My Dungeon Shook" and "Down at the Cross." The former is a letter to the author's nephew, while the second analyzes Christianity, Islam, and (*) race relations, describing a meeting with Elijah Muhammad. The work's title follows the phrase "No more water" in an African-American spiritual. FTP, identify this James Baldwin work.

Answer: The Fire Next Time

8. The main character attends to a French diplomat while his own father dies upstairs. Motoring through the countryside to visit former coworker (*) Miss Kenton, he reevaluates his life, especially his silence during his employer Mr. Darlington's flirtations with Nazism. Stevens the butler is, FTP, the main character of what Kazuo Ishiguro novel turned into a Merchant-Ivory movie?

Answer: The Remains of the Day

9. He joined the republicans during the Spanish civil war, and published *Spain in My Heart* on his return home. *Residence on Earth*, begun during his years as a diplomat, is also political. His most famous works are (*) *Elemental Odes*, a collection of poems on everyday objects such as corn, onions, and cats; and *Twenty Love Poems and a Song of Despair*. FTP, identify this Chilean poet and Nobel laureate with whose works Bart Simpson is familiar.

Answer: Pablo Neruda or Ricardo Reyes de Basoalto

10. This dynasty founded al-Azhar, the world's oldest university, and the city of Cairo, where it is located. Founded by al-Mahdi, it peaked under al-Mustansir. This Ismaili caliphate, which ruled from (*) 909 to 1171, also gave rise to the Druze and the Assassins. Name this rival to the Abbasids that, FTP, expected a messiah descended from Muhammad's daughter, from whom it takes its name..

Answer: Fatimid

11. In 1937, Laszlo Moholy-Nagy [nawzh] became director of a Chicago offshoot after the original closed in 1933. Its original teachers included Breuer, Feininger, (*) Klee, and Mies van der Rohe, and it operated at various times in Berlin, Dessau and Weimar. Its goal was to adapt the Arts and Crafts movement to mass production and the machine age. FTP, identify this school of design and architecture founded by Walter Gropius.

Answer: Bauhaus

12. Eva Cybulska said its unchanged 18 repetitions shows its composer may have had Alzheimer's; it happens that a Parisian woman at its 1928 premier cried "He's mad! He's mad!". That composer later responded "She *understood* the piece." Clarinet, bassoon, saxophone, and oboe d'amore all play a single, repeated melody in C major as the volume (*) builds; the work ends with a

sudden shift to E major and a return to C major. FTP, name this 17-minute crescendo based on Spanish-Arabic folk tunes but “contains no music”, by Maurice Ravel.

Answer: Boléro

13. Written by Catherine Johnson, it takes place on a mythical Greek island. Former girl band Donna and the Dynamos reunites for the wedding of Donna’s daughter, Sophie. Sophie also invites the (*) 3 men who might be her father, and mayhem ensues in this musical that replaced *Cats* at the Winter Garden. What smash Broadway hit, FTP, features 22 songs by ABBA?

Answer: Mamma Mia!

14. His 13 articles of faith became the common *Yigdal* prayer. During his life, however, traditional Jews opposed him, fearing that no one would study Talmud after he simplified it. He also wrote books on medicine and was doctor to the Sultan of Cairo. FTP, whose major works are *Guide to the Perplexed* and the *Mishnah Torah*

Answer: Moses Maimonides or Moses ben Maimon or Rambam

16. Frank T. Hines was the first and longest-serving director of this agency, established in 1930 by President Hoover. Other directors included current Senator Max Cleland and Omar Bradley. A quarter of the US population is (*) eligible for the benefits of this agency now headed by Anthony Principi. FTP, name this agency that became a Cabinet department in 1989, that most notably operates hospitals and soldiers’ homes.

Answer: VA or Veterans’ Administration or Veterans’ Affairs

17. This city’s grandest square, Plaza Independencia, contains the 275 foot high Palacio Salvo, once its continent’s tallest building, on Avenida 18 de Julio, plus the mausoleum of national hero José Artigas. FTP, identify this capital of South America’s first welfare state, across the Río de la Plata from Buenos Aires.

Answer: Montevideo

18. Before this was discovered in 1879, it was nearly impossible to measure carrier density and mobility separately. Most evident in thin flat conductors, it occurs when (*) charge carriers are pushed to one side of the conductor because of a magnetic field. The transverse voltage this creates is equal to IB over ned . FTP, name this electromagnetic effect.

Answer: Hall effect

19. His 1998 autobiography describes an encounter with a talking raccoon and how his life was saved by a visitor from the astral plane. *Dancing Naked in the Mind Field* also describes his theory that (*) HIV does not cause AIDS, and how, at Cetus Corporation, he invented a technique now widely used to screen for HIV. FTP, identify this 1993 Nobelist who invented PCR.

Answer: Kary “I’m completely nuts!” Mullis

20. Sediments at the bottom of Lake Ceko 8 miles away and elemental studies

of the surviving trees may shed some light on this event. The first expedition to the site was led by L.A. Kulik in 1938, who was surprised to find no obvious (*) crater, meaning that the airburst of an asteroid or comet may have caused it. FTP, identify this 20-megaton 1908 explosion in Siberia.

Answer: Tunguska explosion

21. The simplest member of this chemical family was synthesized in 1859 by Wurtz. They are typically made by ~~the~~ reacting simple oxides with water. These polyfunctional chemicals are most often reacted with di-acids to form (*) polyesters, but their strong freezing point depression leads to their most common use. FTP, name this family whose ethylene and propylene types are used as antifreeze.

Answer: glycols

22. This team is said to be the only one to “own” the European Champions Cup for winning it in 5 consecutive years. In 2002, it won the UEFA Super Cup and its 9th (*) Champions Cup. This football club is home to 2 of the top 3 FIFA players for 2001, Raúl and Luis Figo, as well as superstar Zinedine Zidane. FTP, identify this club that has just signed Ronaldo, located in Spain’s capital.

Answer: Real Madrid

23. The fictional town in which it takes place has its own shipping service, YPS. Its residents include DJs Boomer and the Nudge, the smooth (*) Spoonie Luv, and Special Ed. The characters are voiced by such comics as Denis Leary, Dave Attell, and Jimmy Kimmel. FTP, name this Comedy Central show featuring foul-mouthed prankster puppets.

Answer: Crank Yankers

24. In a Tom Holt fantasy book, a group by this name lives with Snow White. It also names a group including Alan Dressler and Sandra Faber that discovered the cluster of galaxies called the (*) Great Attractor. Most famously, it’s a group including Kikuchiyo and Katsuchiro, who help a village fight off bandits. FTP, name these title characters of a 1954 Akira Kurosawa film.

Answer: The Seven Samurai

25. This book’s author researched it by posing, first, as an erstwhile bootlegger working for Cypress Lumber Company, and then as a Hoodoo initiate in New Orleans. From the second experience, she learned voodoo rituals; from the first, (*) legends and folktales of her own people in Eatonville, Florida. FTP, name this anthropological work of Zora Neale Hurston.

Answer: Mules and Men

15. They called manufacturers and merchants “the sterile class” and landlords “the proprietor class.” Since only agriculture could create a (*) net profit, Mirabeau advocated a single tax on land. Their policies were implemented by Turgot but later abandoned. Name this first school of economic thought founded by, FTP, François Quesnay.

Answer: Physiocrats

2 Bonuses

1. For 10 points each, answer these questions about a battle of the Second Persian War.

(10) This September 480 BC Greek naval victory is named for a city on the narrow channel in which it was fought.

Answer: Salamis

(10) This Athenian general lured Xerxes into that channel.

Answer: Themistocles

(10) This queen of Halicarnassus fought on Xerxes' side at the battle.

Answer: Artemisia

2. Answer the following about Japan's Tokugawa shogunate for 10 points each.

(10) Within 30 years, when did the shogunate begin?

Answer: 1570-1630 C.E. (it lasted 1600-1868)

(10) Who became the first Tokugawa shogun in 1600?

Answer: Tokugawa Ieyasu

(10) Yamaga Soko invented what warrior code during the Tokugawa period?

Answer: bushido

3. For 10 points each, identify the following about the history of contraception in the U.S.

(10) This 1873 law, also associated with the censorship of literature, banned birth control devices and information.

Answer: Comstock Law

(10) This free love advocate who in 1872 became the first female presidential candidate, supported only natural contraception.

Answer: Victoria "Supersucker" Woodhull

(10) A 1938 case involving this Planned Parenthood organizer effectively ended the Comstock Law's birth control provisions.

Answer: Margaret Sanger [does sanger need a more specific clue?]

4. Answer these questions for 10 points each.

(10) This name is commonly given to the 1968 liberalization in Czechoslovakia that was eventually quashed by the Soviets.

Answer: Prague Spring

(10) The Prague Spring began when this Slovak liberal became Communist Party leader.

Answer: Alexander Dubcek

(10) In March 1968, this liberal general, whose name means "freedom" in Czech, was elected president.

Answer: Ludvik Svoboda

5. For 10 points each, answer these questions about next month's U.S. Senate elections.

(10) This McCain campaign manager hopes to win South Carolina's first open Senate seat in 36 years.

Answer: Lindsey Graham

(10) This African-American former Dallas mayor hopes to fill Phil Gramm's vacant seat in Texas.

Answer: Ron Kirk

(10) In North Carolina, Elizabeth Dole faces this former Clinton Chief of Staff.

Answer: Erskine Bowles

6. For 10 points each, identify the following about the 2002 Hindu-Muslim violence in India.

(10) The violence was centered in this western state.

Answer: Gujarat

[more specific clue] (10) This current prime minister drew fire for his weak condemnation of the riots.

Answer: Atal Bihari Vajpayee

(10) This extreme right-wing party, to which Gujarat's chief minister and Vajpayee once belonged, advocates hardline Hindu nationalism.

Answer: RSS or Rashtriya Swayamsevak Sangh (Association of National Volunteers) [include RSS leader?] 7. Answer these questions about Edgar Allan Poe detective stories.

(10) For 10 points, name the character who solves a cryptographic puzzle in *The Gold Bug*.

Answer: William Legrand

(10) For 10 points, name the Frenchman who solves the murders in the Rue Morgue, the first modern literary detective.

Answer: C. Auguste Dupin

(5,5) For 5 points each, name the other two Dupin stories besides *The Murders in the Rue Morgue*.

Answers: *The Mystery of Marie Roget* and *The Purloined Letter*

8. Identify the following about Shakespearean shipwrecks, for 10 points each.

(10) In Act I of *Twelfth Night*, this main character is shipwrecked on Illyria.

Answer: Viola

(10) This title character is shipwrecked twice: on Pentapolis, then on Mytilene.

Answer: Pericles, Prince of Tyre

(10) A shipwreck years before the action of this play separated two pairs of twins.

Answer: *The Comedy of Errors*

9. For 10 points each, name these early Chinese novels.

(10) This Luo Guanzhong work describes the fall of the Han dynasty, the division of the empire, and its reunification in the Jin dynasty.

Answer: *Romance of the Three Kingdoms* (*San Guo Yan Yi*)

(10) This Wu Cheng'en novel tells of the priest Xuanzang and his disciples Pig, Friar Sand, and one more whose name is sometimes given to the novel.

Answer: *Journey to the West* (*Xi You Ji*) or Monkey

(10) This Shi Nai'an work describes a fictional 12th-century rebellion in which

a hundred people take to the hills.

Answer: Outlaws of the Marsh

10. Identify the conflict during which each of the following works is set, for 10 points each.

(10) *The Last of the Mohicans* by James Fenimore Cooper

Answer: French and Indian War (prompt on Seven Years War)

(10) *I, Rigoberta Menchú* by Rigoberta Menchú

Answer: Guatemalan Civil War

(10) *Le Débat* by Emile Zola and *Boule de Suif* by Guy de Maupassant

Answer: Franco-Prussian War

11. For 5 points each, give the title and artist of each of these paintings that depict people at work.

(5,5) This 1668 Dutch painting shows a man with a sea chart, globe, and dividers intently bending over his work.

Answer: *The Geographer* by Jan Vermeer

(5,5) This 1657 painting of the Infanta Margarita and her maids shows the artist working in a mirror in the background.

Answer: *Las Meninas* or *La Familia de Felipe IV* (*The Family of Philip IV*) by Diego Velázquez

(5,5) This 1882 French painting shows a bored server staring at the viewer from behind a counter, a mirror behind her.

Answer: *Le Bar aux Folies-Bergère* (*The Bar at the Folies-Bergère*)

12. For 10 points each, answer these questions about operas for just two voices.

(10) This Russell Currie opera based on a short story requires only a tenor and a baritone for Fortunato and Montresor.

Answer: *The Cask of Amontillado*

(10) *The Telephone*, a two-voice opera for Lucy and Ben, was written by this composer as a curtain-raiser for his 1946 tragedy *The Medium*.

Answer: Gian Carlo Menotti

(10) The title musical rivals are the only voices in this Rimsky-Korsakov opera with a libretto by Pushkin.

Answer: *Mozart i Salieri* (*Mozart and Salieri*)

13. For 15 points each, identify these igloo flicks.

(15) This 1922 Robert J. Flaherty film was the first feature-length documentary.

Answer: Nanook of the North

(15) This 2002 Zacharias Kunuk film is the first movie to be written by, produced, directed, and starred in by native Inuits.

Answer: Atanarjuat or (*The Fast Runner*) [Is there a third? wp kinsella or something?]

14. For 10 points each, identify these Egyptian gods who participate in the afterlife ritual.

(10) This jackal-headed god weighs the deceased's heart against the feather of

Ma'at.

Answer: Anubis

(10) If the deceased is condemned, this crocodile-headed god devours the heart.

Answer: Ammit

(10) This ibis-headed god records the outcome of the weighing.

Answer: Thoth

15. For 15 points after the first clue and 10 after the second, identify the pessimistic management books.

(15) This book culminates by praising the “power of negative thinking” and describing ways to avoid getting promoted.

(10) The titular idea is that people get promoted until they reach their levels of incompetence.

Answer: *The Peter Principle*

(15) Newer editions of this 1975 book include the 1986 essay “No Silver Bullet,” which foresaw no great improvements in software productivity over the next decade.

(10) The title of this Fred Brooks classic refers to the principle that adding people to a late software project will make it later.

Answer: *The Mythical Man-Month*

16. For 10 points each, identify these major African languages.

(10) Named for a West African ethnic group, it is spoken by nearly 30 million people in Nigeria and neighboring countries.

Answer: Yoruba

(10) The most prevalent Chadic language, it is spoken by 50 million people in Nigeria, Niger, Togo, and Sudan.

Answer: Hausa

(10) The most prevalent Bantu language, it is spoken by 75 million people, predominantly in Kenya, Tanzania, and Uganda.

Answer: Swahili

17. For 10 points each, identify the capitals of each of these nations.

(10) Samoa

Answer: Apia

(10) Papua New Guinea

Answer: Port Moresby

(10) Micronesia

Answer: Palikir [replace]

18. Answer these questions about the dual nature of light, 5-5-10-10.

(5) In 1690, this Dutch physicist hypothesized that light was a wave.

Answer: Christian Huygens

(5) In 1714, this English physicist hypothesized that it was a particle.

Answer: Isaac Newton

[combine into something like—main dutch and eng proponents of the two views...optiks?]

(10) This Frenchman's equation, λ equals h over p , explains the dual nature of light.

Answer: Louis de Broglie

(10) In 1927, this experiment with electron diffraction by crystals confirmed de Broglie's hypothesis.

Answer: Davisson-Germer experiment

19. For 10 points each, identify these subphyla of *Chordata*.

(10) Subphylum *Urochordata* contains these sessile filter feeders also called sea squirts.

Answer: tunicates

(10) Subphylum *Cephalochordata* contains these eel-like creatures also called amphioxus.

Answer: lancelets

(10) This is the other chordate subphylum. We're in it.

Answer: vertebrates or Vertebrata

20. For 10 points each, identify the following.

(10) They were discovered in 1888 when botanist Friedrich Reinitzer was melting cholesteryl benzoate and discovered an intermediate phase between solid and liquid.

Answer: liquid crystals

(10) Most laptop displays rely on these tiny switching devices, arranged in a matrix on a glass substrate.

Answer: Thin Film Transistors

(10) TFTs characterize this type of liquid crystal display, which has clearer color and faster response time than its TFT-less counterpart, which is called "passive"..

Answer: active matrix

21. Identify the following from chemical thermodynamics for 10 points each.

(10) Commonly symbolized μ (mu), for a pure substance it equals the molar Gibbs' free energy. In general, it is defined as the partial derivative of the Gibbs' free energy with respect to the number of particles in the system.

Answer: chemical potential

(10) For real gases, the chemical potential can be determined by using this effective pressure that takes non-idealities into account. The term is derived from the Latin for "to flee."

Answer: fugacity

(10) In solutions, the chemical potential is related to this quantity, an effective mole fraction. It is defined as the ratio of the vapor pressure of the component in solution to its pure component vapor pressure.

Answer: activity

22. For 10 points each, identify the following from elementary number theory.

(10) As yet unproven, it states that every even number greater than 2 can be written as the sum of two primes.

Answer: Goldbach's Conjecture

(10) It states that for any integer a and prime p , taking a to the p and subtracting a yields a result divisible by p .

Answer: Fermat's Little Theorem

(10) In 2002, Preda Mihailescu claimed a proof of this statement, that only one nontrivial solution exists to the equation $x^a + y^b = 1$ for natural numbers x , a , y , and b . Its Belgian conjecturer gives his name to a sequence whose dozens of combinatorial interpretations are given in the longest exercise in any math text, in volume 2 of Stanley's Enumerative Combinatorics.

Answer: Catalan's Conjecture

23. For 10 points each, identify these Texas college coaches who were more famous elsewhere.

(10) This current Texas Tech men's basketball coach is infamous for choking players and throwing chairs at his former job.

Answer: Bobby Knight

(10) After a poor 1954 season, this Texas A&M football coach held a "hellcamp" in West Texas that caused 70 percent of his players to quit the team; he had better luck later at Alabama.

Answer: Paul "Bear" Bryant

(10) This legendary baseball coach won three NCAA titles at Cal State-Fullerton and the 2002 title for the University of Texas.

Answer: Augie Garrido

24. Identify these ubiquitous summer 2002 songs from lyrics; 5 points each for title and artist.

(5,5) "I was like, good gracious, ass is bodacious / I'm flirtatious, tryin' to show patience"

Answer: "Hot in Herre" by Nelly

(5,5) "Steak Knife / Card Shark / Con Job / Boot Cut"

Answer: "By the Way" by Red Hot Chili Peppers

(5,5) "I'm tired of being compared to damn Britney Spears"

Answer: "Don't Let Me Get Me" by Pink [have someone, eg matt l look at]

25. Based on 2000 census data and the current or most recent season, for ten points each name the largest US city without...

(10) an NBA franchise

Answer: San Diego

(10) an NFL, NBA, or Major League Baseball franchise

Answer: San Jose

(10) an NFL, NBA, MLB, or NHL franchise

Answer: Austin

The honoree of the yearly feast of Panquetlitzli, in 1487 a temple was dedicated to him by the emperor Ahuitzotl in honor of his founding of the city of Tenochtitlan [TEN OAK TEET LAN]. His brother and sister decapitated their mother when she was magically impregnated by a ball of feathers, but he emerged fully armed from her womb and slew them with a turquoise snake. FTP-name this Aztec sun and war god whose name means "Hummingbird on the Left".

Answer: Huitzilopochtli (WEE-TSEE-LOH-POCH'-TLEE)

In Leige and Verona, he discovered lost writings of Cicero, and held a post under cardinal Giovanni Colonna in Avignon. His writings include *Trionfi*, concerning the progress of the human soul towards god, and *Africa*, an epic poem about the Second Punic War. Also in Avignon, at the Church of St. Clare, he first saw the most famous subject of his work in April 1327. FTP name this Italian poet of the *Canzoniere*, best known for his poems to Laura.

Answer: Francesco Petrarcha

A Harvard Graduate her break came with a role as a serial killer in the 1973 Made for TV movie Girl Most Likely to. The winner of the Tony award for her role in A Day in the Death of Joe Egg, she also received Tony and Oscar nominations for her roles in the play Six Degrees of Separation and its on-screen adaptation. The recent winner of two emmys for her roles as Judy Shepard and Abigail Bartlet FTP name this actress who portrayed Rizzo in Grease.

Answer: Stockard Channing

It's 410 miles long and almost a mile deep, but its level has been dropping by 45 cm a year. Three rivers discharge into it while only one, the Lukuga, drains it. At its northern end is the Gombe Stream National Park and the port Bujumbura. It is located at the southern end of the Western Rift Valley and forms the border between Congo-Kinshasa and Tanzania. Only lake Baikal is deeper than-FTP-what longest freshwater lake in the world?

Answer: Tanganyika

The main character returns to his apartment to find what he thinks to be notice from his landlady is actually a letter from an editor accepting his story and paying him half a sovereign. A few weeks later, he is feverish and broke, falling asleep on the street before he is taken into police barracks. After trying unsuccessfully to pawn the buttons off his coat, he visits an editor about his sketch about Correggio, but lies and says he does not need an advanced payment. The novel ends with the writer throwing the money and letter he has just received in his former landlady's face. FTP, name this novel by Knut Hamsun about which is a semi-autobiographical story of the trials of young artist. .

Answer: Hunger