

QuESADILLA 1

Deathtongue

Jeremy Horwitz, Stan Karas, Jesse Molesworth, and David Taylor

Tossups:

(Science – JH)

1. Tossup: Defined in FIPS 46 and FIPS 46-1, this system was developed at IBM in the mid-'70s by beefing up their LUCIFER system. Able to operate in four modes—ECB, CBC, CFB, and OFB—this cryptosystem uses a 56-bit key to operate on 64-bit blocks of data. Only highly-modified forms are used today, since the original can be broken in a matter of hours with cheap supercomputers. FTP, what is this encryption standard, due to be replaced next year by AES?

Answer: DES (accept "Data Encryption Standard")

(Literature – JM)

2. Tossup: The actors best known for playing this role were Charles Macklin and Edmund Kean. This character's servant Launcelot Gobbo deserts him, as does his daughter Jessica, who marries Lorenzo. Though he asks, "If you prick us, do we not bleed?" he is better known for demanding a "pound of flesh." FTP, name this title character of *The Merchant of Venice*.

Answer: Shylock (accept "merchant of Venice" before it is mentioned)

(Geography – JM)

3. Tossup: The Treaty of Vienna made it a Grand Duchy under Dutch rule; however this link to the Netherlands ended with the accession of Grand Duke Adolphe of Nassau-Weilburg. The European Court of Justice and the European Parliament secretariat are situated in this country, whose head of state since 1964 has been Grand Duke Jean. FTP, name this small country situated in the river Moselle.

Answer: Luxembourg

(Geography OR Social Science – DT)

4. Tossup: He divided the progress of mankind into three historical stages – theological, metaphysical, and positive. An early social scientist, he assumed that human behavior must assume laws as strict as Newton's laws of physics, the discovery of which would eradicate moral evils. Among those who felt his influence were J. S. Mill, Huxley, and Eliot. FTP, name this French philosopher/mathematician and creator of positivism.

Answer: (Isidore-)Auguste(-Marie-François-Xavier) Comte

(Fine Arts – JH)

5. Tossup: This Italian word is the root for the English words "scrimmage" and "skirmish." The word also appears in a song by Queen as a character that is asked to do the Fandango. As a noun, it refers to a lazy, swaggering coward since it is the namesake of, FTP, what boastful coward from the Italian *commedia dell'arte* [pr.: koh-MAY-dee-uh dell AHR-tay]?

Answer: scaramouch(e) (accept Italian "scaramuccia")

(History – DT)

6. Tossup: He was tied with Richard Nixon at 43% in a Harris poll of presidential candidates in 1970. It was all downhill from there – among other campaign lowlights was a rumor that he was addicted to the drug Ibogaine, started in a *Rolling Stone* article by Hunter S. Thompson. FTP, name this failed Presidential candidate, the “man from Maine,” best known for crying in a New Hampshire snowstorm about charges that his wife drank, smoked, and cursed in an ‘unladylike’ way.”

Answer: Ed(mund Sixtus) Muskie

(History – DT)

7. Tossup: He was a steelworker in Iran, served in the merchant marine, then went to NYU on a football scholarship. He had early success as a painter, with paintings hanging in the Brooklyn Museum and the Met. He moved on to acting, joining the Actors Studio in the 1950's, where he changed his name from John Ryan to something more dramatic. FTP, name this multifarious man, best known for tracking down criminals as Hawaii police detective Steve McGarrett.

Answer: Jack Lord (prompt on an early “John (Joseph Patrick) Ryan”)

(Literature – JM)

8. Tossup: They sleep in a gymnasium, shop at the All Flesh, and use butter to soften their skin. They are neither Marthas nor Unwomen nor Econowives. Living in the Republic of Gilead, their names are all prefixed by the word “of.” Their habit is a red flowing dress with a white winged hood. FTP, name these breeding women, one of which recounts her “tale” in a 1986 novel by Margaret Atwood.

Answer: Handmaids

(Pop Culture – JH)

9. Tossup: Someone is working too hard for minimum wage. You need a bigger TV. Justice is being perverted. Oysters are being robbed of their sole possession. It's nicer in Cabo. Ed's got his hands full. Mike's planning a solo album. FTP, when are all these things happening, according to a 1991 video by Van Halen?

Answer: Right Now

(Social Science – DT)

10. Tossup: This neurological disorder is believed to be caused by an abnormal metabolism of the neurotransmitters dopamine and serotonin. Symptoms include involuntary, rapid, sudden movements, called tics. One of these tics, coprolalia, actually only occurs in less than 30% of the sufferers of this disease. FTP, name this disorder, first described over a hundred years ago by a French neurologist George Gilles de la Tourette [pronounced: too-RET].

Answer: Tourette's Syndrome (accept “Tourette's” until his name is mentioned)

(General Knowledge/Current Events – DT)

11. Tossup: Ronnie Hawkins was acting as his own lawyer during a sentencing hearing in a Los Angeles county courtroom June 30 on a charge of stealing \$260 worth of aspirin. Angered by his repeated interruptions, Judge Joan Comparet-Cassani ordered him restrained in a novel way. FTP, name this method of restraint, subject of a lawsuit by

the ACLU, which involves delivering an eight-second, 50,000-volt shock above the left kidney.

Answer: stun belt (prompt on "stun gun," or "stun <anything>")

(Religion/Mythology/Philosophy – JM)

12. Tossup: In the field of linguistics, he distinguished between index, icon, sign, and symbol. In logic, he invented a method of truth tables. In science, he studied under J. L. R. Agassiz, took Harvard's first advanced degree in chemistry, and served at the U.S. Coast and Geodetic Survey. FTP, name this philosopher whose article "How to Make Our Ideas Clear" made the first statement of pragmatism.

Answer: Charles (Santiago) Sanders Peirce (pronounced: PURSE)

(Science – JH)

13. Tossup: Either Linnaeus or Daniel Ekström turned it around to its present-day orientation. Ekström manufactured most of the scientific instruments for Linnaeus and this device's namesake, so he was in the position to swap 0 and 100. The device's creator, a Swedish astronomer, was inspired to create when he planted a precursor to this device – a creation of Réaumur – in the snow, and noticed the same readings in Uppsala as in Torneå. FTP, name this common device, which differs from its predecessors by necessarily having 0.01 represent the triple point of water.

Answer: Celsius thermometer (accept "Celsius scale;" prompt on "thermometer")

(Science – JH)

14. Tossup: Biologists recently discovered that males of this species sometimes beat their young to death so females will mate more frequently. These mammals communicate with each other using whistles and clicks and live for around fifty years. Named for their distinctive rostrum, these cetaceans sleep one brain hemisphere at a time. FTP, name this most-studied species of dolphin.

Answer: Bottlenose dolphins (accept "Tursiops Truncatus")

(Literature – JM)

15. Tossup: Angel Schunard is cross-dressing street musician. Tom Collins teaches computer-age philosophy at NYU. Roger Davis is a rock 'n roll musician with AIDS. And Mark Cohen is a Jewish filmmaker. These are the central characters in this 1996 Pulitzer Prize winning drama, honoring its source with the interspersed *Muzetta's Waltz* and its keynote *La Vie Boheme*. FTP, name this musical written by Jonathan Larson.

Answer: Rent

(History – JH)

16. Tossup: Born with the first name of Hiram, his family called him by his middle name, which he took as his first upon entering West Point. This president hated profanity simply because it wasted time. At the end of his military career, he planned on teaching mathematics, but settled instead for the U. S. presidency. FTP, name this president who took his mother's middle name upon joining West Point, since it gave him patriotic initials.

Answer: Ulysses S(impson) Grant

(Fine Arts – JH)

17. Tossup: First opened in 1932, it primarily featured movie and stage entertainment for its 6000-person audiences. In 1979, it took on a new format: live stage spectaculars, concerts, and television events. Since the beginning, however, it has been the home to the world's biggest live event – over one million patrons attend *The Christmas Spectacular*. FTP, what is this hall in Rockefeller Center, home to the world-famous Rockettes?

Answer: Radio City Music Hall

(Sports – DT)

18. Tossup: He was an All-State high school catcher in Portland, Oregon. His quick progress up the Atlanta Braves' minor league was halted by a baffling block about throwing to second base. Converted to an outfielder, he became an All-Star in 1980 and where he would eventually win five Golden Gloves. FTP, name this devout Mormon and winner of back-to-back National League MVP awards in 1982 and 1983.

Answer: Dale Murphy

(Religion/Mythology/Philosophy – JM)

19. Tossup: This man is known chiefly for his ingratitude and for refusing to grant the rewards he had promised: to Apollo for pasturing his flocks on Mount Ida, to Poseidon for building the walls of Troy, and to Heracles for rescuing his daughter Hesione from the sea-monster sent by Poseidon. Consequently, Heracles slew him and all his sons but Priam in revenge. FTP, name this Trojan king.

Answer: Laomedon (pronounced: Lay-AH-med-on)

(General Knowledge/Current Events – DT)

20. Tossup: Among the guests at his recent wedding to Graça Machel were pop stars Stevie Wonder and Michael Jackson. It's his third marriage, the second for the bride, the widow of Mozambican President Samora Machel. Chris Rock uses him as evidence of how difficult marriage is, as "he could survive thirty years as a political prisoner, but couldn't last more than a couple years married." FTP, name this outgoing South African President.

Answer: Nelson Mandela

(Science – JH)

21. Tossup: This New College Oxford student of George Airy put his degree in chemistry and mathematics to good use: he got a job, as a chemist, at the Guinness brewery. While there, he invented a test to handle quality control in brewing, which is why we remember him today. FTP, name this famous statistician, inventor of the *t*-test whose earliest papers appeared under the pseudonym "Student."

Answer: William (Sealey) Gosset

(History – DT)

22. Tossup: As a young warrior and later chief of the northern Sioux, he advocated firm resistance to white encroachment and settlement. In 1868, he made peace with the U.S. Army in exchange for a reservation, a deal that fell through with the influx of gold prospectors in the 1870s. This led him to join with the Cheyenne and Arapaho in a renewed campaign of resistance that ended with surrender in Canada. At the end of his life, forced to raise money, he posed for postcards and traveled with Buffalo Bill's Wild

West show. FTP, name this chief of the Sioux best known for a military victory in that resistance, in Little Bighorn, Montana.

Answer: Sitting Bull

(Pop Culture OR Sports – JM)

23. Tossup: In a moment of irony, his teammates played his favorite song, *I Will Survive*, after he was sent off against Saudi Arabia. The son of Algerian immigrants, he honed his skills in the La Castellane section of Marseilles. He has played professionally for Cannes, Girondins Bordeaux, and now Juventus. FTP, name the midfield maestro of the French soccer team, who scored twice in the World Cup final.

Answer: Zinedine Zidane

(Literature – JM)

24. Tossup: The epilogue is a marriage song on the occasion of the wedding of the poet's sister Cecilia to Edward Lushington. Divided into 132 sections, the poem commemorates the death of a young poet and critic who died at Vienna aged 22. From this poem comes the cliché "Tis better to have lost at love than never to have loved at all." FTP, name this elegy to A. H. Hallam written by Alfred, Lord Tennyson.

Answer: In Memoriam

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Bonuses:

(Pop Culture – JH)

1. Bonus: Hello, Nasty! Time to reminisce about the Beastie Boys. Not too far – just back to four years ago. Remember the *Sabotage* video? Remember each of the B-Boys pretending to be actors in a '70s cop show? FFPE, and a bonus five for all correct, name each of the five actors they played or the characters played by those pseudo-actors. Feel free to mix and match by naming some pseudo-actors and some characters.

Answer:

Fred Kelly as Bunny (accept Kelly or Bunny, etc.);
Vic Colfari as Bobby, the Rookie (accept The Rookie);
Alesandro Alegré as The Chief;
Sir Stewart Wallace as himself;
Nathan Wind as Cochise

(Literature – JM)

2. Bonus: FTPE, identify these literary works featuring characters named Septimus.

A) (10) The Reverend Septimus Harding features in this series of six novels, one of which is *The Warden*.

Answer: *Chronicles of Barsetshire* (by Anthony Trollope)

B) (10) A shell-shocked veteran named Septimus Warren commits suicide in this novel.

Answer: *Mrs. Dalloway* (by Virginia Woolf)

C) (10) At Sidley Park manor, Tomasina Coverley is tutored by Septimus Hodge in this recent play by Tom Stoppard.

Answer: *Arcadia*

(History – DT)

3. Bonus: Bill Clinton, Monica Lewinsky. For the stated number of points, name the president, given the paramour.

A) (5) Judith Exner

Answer: John F(itzgerald) Kennedy

B) (10) Lucy Mercer

Answer: Franklin D(elano) Roosevelt

C) (15) Nan Britton

Answer: Warren G(amaliel) Harding

(Religion/Mythology/Philosophy – JM)

4. Bonus: FTPE, identify these sons of Margawse and King Lot of Orkney – the younger brothers of Gawain.

A) (10) The secondeldest is this co-conspirator with Mordred, who raises the alarm when Launcelot visits Guinevere in her chambers.

Answer: Aggravaine

B) (10) The youngest is this knight, who serves as a scullion under the name "Beaumains" for twelve months. He rescues the lady Lions from Sir Ironside of Castle Perilous.

Answer: Gareth

C) (10) The secondyoungest is this knight – known chiefly for being the second youngest.

Answer: Gaheris

(General Knowledge/Current Events – DT)

5. Bonus: Here's a bonus that will reward you for knowledge about our drug-dealing, loan-defaulting backwater neighbor to the south, México. For the stated number of points, name the candidate for the year 2000 presidential election.

A) (5) The current president of Mexico and a member of the PRI, the ruling party of Mexico for the last 70 years.

Answer: Ernesto Zedillo

B) (10) Currently the Governor of Guanajato, he is already trying to be the candidate for PAN, campaigning in México and travelling to Philadelphia and Dallas to seek votes.

Answer: Vicente Fox Quesada

C) (15) Currently the mayor of Mexico City, this potential PRD candidate traveled to Chicago on the 5th of May to seek support from the hundreds of thousands of Mexican voters there.

Answer: Cuauhtemoc Cardenas

(Science – JH)

6. Bonus: Given a short description, name the organic molecule, FTPE.

A) (10) Its chemical formula is $C_6H_5CH_3$. One of its uses is as an antiknock agent for gasoline.

Answer: toluene (prompt on "methylbenzene," "phenylmethane," or "toluol")

B) (10) Its chemical formula is $C_{14}H_{10}$ – essentially three connected benzene rings. It is obtained primarily from coal-tar distillation.

Answer: anthracene

C) (10) Its chemical formula is $(\text{CH}_3)_2\text{CO}$. Its primary uses are as a solvent and in organic synthesis; it can be found in abnormal quantities in diabetic urine.

Answer: acetone (prompt on "dimethyl ketone," "methyl ketone," or "2-propanone")

(Literature – JM)

7. Bonus: FTPE, identify these American Civil War poets given their poems.

A) (10) "The Marshes of Glynn" and "The Song of the Chattahoochee"

Answer: Sidney Lanier

B) (10) "The Cotton Boll" and "Ethnogenesis"

Answer: Henry Timrod

C) (10) *Battle-Pieces and Aspects of the War*

Answer: Herman Melville

(Literature – JM)

8. Bonus: FTPE, identify these characters in Beowulf.

A) (10) This king of the Danes is plagued by the monster Grendel and invites the young Beowulf to Heorot Hall.

Answer: Hrothgar

B) (10) This warrior insults Beowulf at the great feast, but later lends Beowulf a sword to pursue Grendel's mother.

Answer: Unferth

C) (10) When King Beowulf fights the dragon, all of his lily-livered subjects desert him save for this young warrior.

Answer: Wiglaf

(Science – DT)

9. Bonus: *Grab a pencil and paper*. River drainage patterns follow one of six classifications – dendritic, parallel, trellis, rectangular, radial, or annular. Given a description, name the drainage classification, FTPE.

A) (10) Dipping or folded sedimentary, volcanic, or low-grade meta-sedimentary rocks

Answer: trellis

B) (10) Volcanoes, domes, and residual erosion features

Answer: radial

C) (10) Structural domes and basins, diatremes, and possibly stocks

Answer: annular

(Geography – JM)

10. Bonus: FTPE, identify these tourist sites that you could visit in Venice.

A) (10) The body of Venice's patron saint, represented by a winged lion, is held within this Byzantine basilica.

Answer: Basilica di San Marco (accept "St. Mark's" or equivalents)

B) (10) Giovanni Casanova reputedly walked through this passageway between the Ducal Palace and the prison.

Answer: Bridge of Sighs (accept "Ponte de Sospiri")

C) (10) With a name meaning "House of Gold," this palace is known for its magnificent Gothic façade as well as housing Mantegna's *St. Sebastian*.

Answer: Ca'd'Oro (accept "Casa d'Oro")

(Social Science – JH)

11. Bonus: Given the year and reason for the prize, name the Economics Nobel Laureates FTPE.

A) (10) 1984, "for having made fundamental contributions to the development of systems of national accounts and hence greatly improved the basis for empirical economic analysis." Hint: he shares his full name with Judith Tupper's second husband on *Dream On*.

Answer: Sir Richard Stone

B) (10) 1978, "for his pioneering research into the decision-making process within economic organizations."

Answer: Herb(ert) A(lexander) Simon

C) (10) For your final ten points, name any of the three winners of the 1994 prize, winners "for their pioneering analysis of equilibria in the theory of non-coöperative games."

Answer: John C. Harsanyi, John F(orbes) Nash, Reinhard Selten

(Sports – DT)

12. Bonus: The USFL. The less said, the better. FFPE, and a five-point bonus for all correct, given the city, name the USFL team.

A) (5) Orlando

Answer: Renegades

B) (5) Boston

Answer: Breakers

C) (5) Jacksonville

Answer: Bulls

D) (5) Denver

Answer: Gold

E) (5) Houston

Answer: Gamblers

(History – JH)

13. Bonus: Given two Chinese dynasties, give the one that came between them, FTPE.

A) (10) Xia (pronounced SHEE-uh) and Zhou (pronounced CHOW)

Answer: Shang

B) (10) Sung and Ming

Answer: Yuan

C) (10) Qin (pronounced CHIN) and the Three Kingdoms

Answer: Han

(Science – JH)

14. Bonus: FTPE, name in what human organ you find the following features.

A) (10) the Islets of Langerhans

Answer: pancreas

B) (10) Bowman's capsule and the loop of Henle

Answer: kidney

C) (10) alveoli

Answer: lungs

(Fine Arts – JH)

15. Bonus: Given a short list of works appearing there, name the museum, FTPE.

A) (10) Botticelli's *Birth of Venus* and *Allegory of Spring* appear in the Botticelli room off the first corridor, while Raphael's *Madonna of the Goldfinch* can be found down the third corridor.

Answer: *Galleria degli Uffizi*

B) (10) This museum is a great place to find stuff heisted from the Parthenon, as well as The Rosetta Stone.

Answer: British Museum

C) (10) Lastly, where would you go to crave your urge to see Picasso's *Les Femmes d'Alger*, van Gogh's *The Starry Night*, and still have time to catch a little Mondrian and Klimt?

Answer: The Museum of Modern Art (accept "MoMA")

(Geography OR Social Science – DT)

16. Bonus: Everyone knows mount Fuji, but what about the rest of the Japanese Mountains? FTPE, name any three out of the next five highest Japanese mountains.

Answer: Kita-dake, Okuhotaka-dake, Ai-no-take, Yari-ga-take, Arakawa-dake

(History – DT)

17. Bonus: Roman Emperors – you know them, you've heard a million questions about them. Here's one more. Given his two predecessors, name the emperor, FTPE. For instance, if I said "Titus, Domitian," you'd say "Nerva."

A) (10) Nerva, Trajan

Answer: Hadrian

B) (10) Caligula, Claudius

Answer: Nero Claudius Caesar Drusus Germanicus (accept "Lucius Domitius Ahenobarbus")

C) (10) Otho, Vitellius

Answer: Titus Flavius Sabinus Vespasianus

(Science – JH)

18. Bonus: I hope there's a mathematician on your team. Time to break out the spheres and play everybody's favorite game: "Properties of Set Theory!" Give the common names of the following statements that are all equivalent, under ZF, to saying that every vector space has a basis.

A) (5) The most commonly utilized equivalent, it states that for every set X there is a function f with domain $X \setminus \emptyset$ [read: "X minus the empty set"] so that $f(x)$ is an element of x .

Answer: Axiom of Choice

B) (10) Although not the first man to prove it, this statement's namesake was the first to publish it in English. What's the common name by which we know the statement: every nonempty partially-ordered set P in which each chain has an upper bound in P has a maximal element?

Answer: Zorn's Lemma

C) (15) Lastly, proved by the actual originator of Stone-C_{ch} [pronounced: CHECK] compactification, it states that the product of compact spaces is compact in the product topology.

Answer: Tychonoff's Theorem

(History – DT)

19. Bonus: Everyone's favorite black helicopter flight club, the United Nations, has had 7 Secretaries-General, each from a different country. Given the country of origin and the years of his term, name the secretary.

A) (10) Sweden, 1953—1961

Answer: Dag (Hjalmar Agne Carl) Hammarskjöld

B) (10) Austria, 1972—1982

Answer: Kurt Waldheim

C) (10) Burma, 1961—1971

Answer: U Thant

(Religion/Mythology/Philosophy – JM)

20. Bonus: FTPE, identify these early Christian councils.

A) (10) Held in 325, it declared Arianism heretical.

Answer: Council of Nicaea

B) (10) Held in 431, it declared Nestorianism heretical.

Answer: Council of Ephesus

C) (10) Held in 451, it declared Monophysite Doctrine heretical.

Answer: Council of Chalcedon

(Fine Arts – JH)

21. Bonus: Name the artist from works on a 10-5 basis.

A) (10) The 1480's shuttered triptych *The Haywain*

(5) The c.1504 shuttered triptych *The Garden of Earthly Delights*

Answer: Hieronymus Bosch

B) (10) The 1907 and 1912 stone statues both entitled *The Kiss*

(5) The 1919 bronze statue *Bird in Space*

Answer: Constantin Brancusi

C) (10) A series of 1890 paintings called *The Channel at Gravelines* and a painting of his mistress entitled *Young Woman Holding a Powder Puff*

(5) The 1880's painting *A Sunday Afternoon on the Island of La Grande Jatte*

Answer: Georges Seurat

(Pop Culture OR Sports – JM)

22. Bonus: Robert De Niro and Martin Scorsese have had quite a film partnership. FTPE, given the character played by De Niro, name the Scorsese film.

A) (5) Sam "Ace" Rothstein

Answer: Casino

B) (5) Jimmy "The Gent" Conway

Answer: GoodFellas

C) (5) Max Cady

Answer: Cape Fear

D) (5) Travis Bickle

Answer: Taxi Driver

E) (5) Rupert Pupkin

Answer: The King of Comedy

F) (5) Johnny Boy

Answer: Mean Streets

(Literature – JM)

23. Bonus: F15PE, identify these literary indictments of totalitarianism from a short description. If you need the name of the author, you will receive five points.

A) (15) Nicholas Rubashov, ex-Commissar of the People, is imprisoned on false charges.

(5) Arthur Koestler

Answer: Darkness at Noon

B) (15) Innokenty Vologin, a member of the Soviet Ministry of Foreign Affairs, is imprisoned in a sharashka.

(5) Aleksandr Solzhenitsyn

Answer: The First Circle

(General Knowledge/Current Events – DT)

24. Bonus: Turnover in the staff at the *Boston Globe* has increased of late, with not one, but two columnists being forced to resign for plagiarism. For 15 points each,

A) (15) Name the popular *Globe* columnist who was forced to resign four months ago after admitting that she had fabricated characters in four recent columns. A check of her columns dating to 1995 showed that forty-eight included names of people whose existence could not be verified.

Answer: Patricia Smith

B) (15) This prominent *Globe* columnist was forced out after similarities between a recent column and George Carlin's *Braindroppings* were discovered. His claim that he hadn't read the book was refuted with videotape from a local TV station in which he claimed *Braindroppings* "had a yuck on every page."

Answer: Mike Barnicle