

2001 Chicago Open

Tossups by Roger Craig and Bill Tressler

1. Its second section begins: "Ash on an old man's sleeve/Is all the ash the burnt roses leave. / Dust in the air suspended / Marks the place where a story ended." Later, a ghost of a poetic master appears and gives advice and then "fades on the blowing of the horn." It ends with the lines: "And all shall be well and / All manner of thing shall be well / When the tongues of flames are in-folded / Into the crowned knot of fire / And the fire and the rose are one." Titled after a Huntingdonshire manor, this is, FTP, what last poem of T.S. Eliot's *Four Quartets*?

Answer: "Little Gidding" (prompt on "*Four Quartets*" before it is said)

2. The writer Jean-François Marmontel used the story of his life for an oblique attack on Louis XV, while he is styled a count in the title of a Robert Graves novel. He was heavily influenced by his wife, Antonina, and quickly gained favor by putting down Sassanid rebellions with victories such as the one at Dara. He went on to recover Italy with defeating the Ostrogoths with only 8000 men, four years after quelling the Nika Revolt. FTP, name this man whose campaigns were chronicled by Procopius, the man recognized as the greatest general of Justinian.

Answer: Belisarius

3. Their middle charged member was originally incorrectly classified as a hadron and has a mass of 106 Mega-electron-volts, while the heaviest member was discovered in 1975, has a mass 17 times that and is named the tau. The X particle interconverts them with quarks and all possess spins of 1/2 and do not experience the strong nuclear force. In addition, along with baryons, they comprise the fermions. FTP, name this class of particles whose smallest charged member is the electron.

Answer: leptons

4. Its inspiration was an article by E. M. Forster on a certain poet, though it was Montagu Slater who wrote the libretto. Mrs. Nabob Sedley is a mezzo-soprano, while Reverend Horace Adams and Robert Boles are tenors. Ellen Orford, is in love with the title character but is unable to save him from committing suicide over guilt from his apprentice's death. FTP, name this opera set in The Borough, inspired by the poems of George Crabbe and dealing with the titular fisherman, a work by Benjamin Britten.

Answer: Peter Grimes

5. On her first visit to England she and her friend Annie Fields stayed with the Tennysons at their Isle of Wight home. Her best-known work includes such events as the reunion of the Bowden family and such characters as Captain Littlepage, Mrs. Blackett, and Mrs. Almira Todd, with whom the narrator boards during her time in Dunnet Landing. FTP, name this author who depicted the coastal towns of Maine in her *The Country of the Pointed Firs*.

Answer: Sarah Orne Jewett

6. Jean-Paul Sartre said he "was the most complete human being of our age." The author of *Motorcycle Diaries*, he was a dermatologist by training, studying both leprosy and asthma, an ailment which he suffered from, in medical school. He was killed by Sergeant Jaime Terran after having organized the Patrice Lumumba Battalion and writing the manual *Guerilla Warfare*. FTP, name this man one-time minister of industry for Cuba, known for his participation in socialist revolutions throughout Latin America.

Answer: Ernesto "Che" Guevara

7. Its version 4 was fixed by the so-called "36 patch." It combines features of C, sed, awk, and sh, while also containing vestiges of csh, Pascal, and even BASIC-PLUS, and awards given to programmers in it are dubbed "The White Camels." Optimized for scanning and extracting information from arbitrary text files, this very popular interpreted language created in 1987 by Larry Wall is, FTP, known by what name, an acronym of Practical Extraction and Report Language?

Answer: Perl

8. As a young man he married Cleopatra, the daughter of the hero Idas. Later, he would kill his uncles Toxeus and Plexippus for their sexist behavior. One tradition says that his mother, Althea, caused his death by burning a log whose life was conterminous with his. Assisted by the Curetes, this son of King Oeneus, with the help of a group of heroes, slew an animal sent by Artemis. FTP, name this leader of the Calydonian Boar hunt.

Answer: Meleager

9. You ever had a girl and met her on a nice hello? You get her name and number then left feelin' real mellow. You get home, wait a day, she's what you wanna know about, then you call up and it's her girlfriend's or her cousin's house. It's not a front, an F to the R to the O to the N to the T. It's just her boyfriends at her house... How many brothers out there know just what I'm getting' at? Who thinks it's wrong 'cos I was splittin' and co-hittin' at? Well if you do, that's "it" and you're not down with it, but if you don't, here's your membership. FTP, what three little letters am I missing here in this 1991 Naughty By Nature hit?

Answer: O.P.P.

10. He was initially to be gifted with a dish of doves from a blind man, but the present is given to one of his enemies instead. This is done because his servant Launcelot Gobbo wishes to leave his service. Much more devastating is the news of his daughter, Jessica's, elopement with Lorenzo, but even worse is the cross-examination he is subjected to by Balthasar. FTP, name this figure who rejoices over news that Antonio's ships will not arrive on time so that he can extract his price, the Jewish moneylender in *The Merchant of Venice*.

Answer: Shylock

11. In the 1760's there were around ten, and they forwarded grievances to the Hoppo, a court-appointed official. The emperor made them agents of the Qing government and later picked up three million dollars of their debt when their system was abolished by the Treaty of Nanjing. Formed in 1720 their name is derived from the Western pronunciation of Chinese words meaning "combined merchant class." FTP, name these monopolistic guilds that operated in Canton.

Answer: cohong or gonghang or hong merchants guild

12. As a first order approximation, the higher his eponymous temperature is, the harder the material and the higher its melting point. Though he didn't discover it, he was the first to offer a written explanation of the Compton effect and also showed that solid substances could be used in powdered form for X-ray studies of their crystal structures. The American Chemical Society award in Physical Chemistry is named in his honor, as is the SI unit for dipole moment. FTP, name this man who formulated with Erich Huckel a description of ionic bonding.

Answer: Peter Joseph William Debye (Petrus Josephus Wilhelmus Debije)

13. George F. Kennan taught him 800 words of English on a ship as he first traveled to the U.S. He left Yale to study the training of Sioux children on a reservation in South Dakota and later studied salmon-fishing Indians in northern California. Once a patient and student of Anna Freud, he would pioneer the study of the life cycle with a model consisting of eight stages and also coined the term identity crisis. FTP, name this "psychobiographer" of Gandhi and Martin Luther and author of *Childhood and Society*.

Answer: Erik Homburger Erikson

14. Of the dialogues attributed to him, only two, *Zopyrus* and *Simon* survive. A Spartan POW, he was enslaved and subsequently freed by a friend of Socrates, whose pupil he later became. After Socrates' death, he returned to his native Elis to establish his own Socratic school. FTP, name this man who shares his name with a Platonic dialogue dealing with the immortality of the soul.

Answer: Phaedo or Phaedon

15. Its outside pattern is a florid arabesque, like an endless "string of toadstools." "A dull yet lurid orange in some places, a sickly sulphur tint in others", it is located in the nursery at the top of the house. The narrator, whose husband John is a "practical physician", peels yards of it off on the last day of their stay at the house, because she sees a woman behind bars in its pattern shaking and then crawling around. What symbolic covering gave its name to a story originally published in *New England Magazine* in 1891 by, FTP, Charlotte Perkins Gilman?

Answer: "The Yellow Wallpaper"

16. It started when General Mariano Arista attempted to besiege Fort Brown and threaten his enemy's supply center. Despite having a numbers and artillery advantage, the losers were forced to retreat to Matamoros. The Americans were prepared due to the scouting system that they had set up along the Rio Grande, allowing Zachary Taylor to dig in. FTP, name this May 8, 1846 battle, the first of the Mexican-American War.

Answer: Battle of Palo Alto

17. The largest of them have a major secreting avenue known as Stenson's duct, while the second have a similar portion known as Wharton's duct. The third are slightly different in that they have numerous Rivinus' ducts, which join to form Bartholin's duct. All of these ducts carry secretions, which are classified as either serous, mucous, or mixed. The largest is situated behind the ear and is known as the parotid, while the other two are the submaxillary and the sublingual. FTP, name these glands that release a substance that softens and moistens food.

Answer: salivary glands

18. Vincenzo Catena's version utilizes a technique revolving around the religious "Cloth of Honour." Rembrandt did two versions, one in 1630 and one in 1648, with the second portraying Christ in a meditative and almost drugged haze. The most famous version pictures Christ in a red robe with a slightly chubby face and right arm pointing out to the viewer and was painted in 1600. FTP, name this Caravaggio painting depicting Christ eating at a town where he manifested himself to two of his disciples.

Answer: Supper at Emmaus

19. Mark Twain's daughter Jean Clemens, Canadian Prime Minister R.B. Bennett, "The Octopus" investigator Danny Casolaro, school master Michel Delasalle in *Les Diaboliques*, Keith Relf of The Yardbirds, Gustav Klimt, Commodus, Larry Flynt's wife Althea Leasure, chess champion Paul Morphy, Jim Morrison, and Jean Paul Marat all kicked the bucket in, FTP, what household fixture?

Answer: bath tub (or equivalents, but do NOT accept shower)

20. This novel's protagonist is able to gain employment because the locals are impressed by his memorization of the entire Vulgate Bible. His first love writes a damning letter, which prevents him from marrying the daughter of the Marquis de la Mole, so he attempts to shoot her while she hears mass. However, Madame de Renal survives and the protagonist is tried and guillotined. FTP, name this novel centering on the love triangle of the Madame, Mathilde, and Julien Sorel, a work by Stendhal.

Answer: The Red and the Black or Le Rouge et Noir

21. An insomniac after becoming pregnant in 1986, she didn't follow her doctor's advice to scrub the bathroom tiles with a toothbrush, and instead sat in a closet and began to write her first novel, *The Bean Trees*. A prolific writer, her articles are collected in *High Tide in Tucson: Essays from Now or Never*. Other works include, *Animal Dreams*, *Pigs in Heaven*, *Prodigal Summer* and *Holding the Line: Women in the Great Arizona Mine Strike of 1983*. Her most famous work is about a Baptist missionary who takes his wife and four daughters to the Belgian Congo in 1959. FTP, name this author of *The Poisonwood Bible*.

Answer: Barbara Kingsolver

22. The former home of the now extinct Querandi and Puelche tribes, its endemic mammals include the mara, the viscacha, and the guanaco, a relative of the camel that resembles a deer. Mostly composed of thick deposits of loess [loss] and occasional caps of alluvium and volcanic ash, its southeastern area near Tandil was devoted to the raising of sheep and cattle, while crops were grown in the west from Bahía Blanca to Santa Fe. Also serving as the background in such notable works as José Hernández's "Martín Fierro," its name is Quechua for "flat surface." Bounded by the Gran Chaco and Patagonia, FTP, name this vast plain of Argentina.

Answer: The Pampas or La Pampa

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Bonuses by Roger Craig and Bill Tressler

1. Name these terms involved in convergent sequences in real analysis, FTP each:

A. If there exists a positive integer N such that all terms numbered higher than N are within a small quantity ϵ of each other, what criterion states that the sequence is convergent?

Answer: Cauchy Criterion

B. What term is given to a metric space in which every Cauchy sequence converges to a point in that metric space?

Answer: complete

C. Every closed and bounded set in a metric space has what property, meaning that every sequence has a subsequence which converges to a point in the metric space?

Answer: compactness

2. Name these BCE playwrights, FTP each:

A. Considered the father of Roman drama, his first play was performed in 234 BC, though none of his works are extant. In addition, he translated *The Odyssey* into Latin verse.

Answer: Lucius Livius Andronicus

B. He wrote *Adelphi* and *Andria*, or *The Maid from Andros*.

Answer: Terence (Publius Terentius Afer)

C. He wrote *Dyskolos* and *The Shearing of Glycera*

Answer: Menander

3. Name these things about an American soldier, FTP each:

A. A onetime commander of the Kentucky riflemen, he earned his stripes in the Revolutionary War for his victory at Stony Point.

Answer: Anthony Wayne

B. Name the 1794 battle in present-day Ohio in which "Mad" Anthony Wayne defeated the Shawnee and Native Americans in forty minutes.

Answer: Battle of Fallen Timbers

C. Name the resulting 1795 treaty that opened the Northwest Territory to settlers.

Answer: Treaty of Greenville

4. Name these art terms derived from French:

A. For 5 points, From the French for "shell-work," this is a phase of decorative art that emerged in France during the reign of Louis XV and emphasized ornamental design. Its chief practitioners include Watteau and Chardin.

Answer: Rococo

B. For 10 points, Taken from a verb meaning "to rub", this is the process of producing rubbings through paper from a textural-patterned surface, such as wood. Max Ernst is credited with its invention

Answer: frottage

C. For 15 points, This 19th-century term denoted the type of even, neutral light produced by a bright but overcast sky. Preferred by the impressionists, contrasts are minimal and shadows suppressed.

Answer: gris clair

5. Answer the following about microorganisms which have had their genomes sequenced, FTP each:

A. The first free-living organism to have its genome sequenced, this bacterium was mistakenly thought to be the cause of a disease, and it was named accordingly. What is this organism, thought to have been responsible for influenza?

Answer: Haemophilus or Haemophilus influenzae

B. The first *Archaea* to be sequenced was an autotroph that produces 4 molecules of water and one molecule of this compound for its energetic needs.

Answer: methane or CH₄ (*Methanococcus jannaschii* was the organism)

C. This millimeter-long roundworm was the first animal to have its genome sequenced.

Answer: Caenorhabditis elegans

6. Name these works of African literature, FTP each:

A. This Chinua Achebe work set in the fictional country of Kangan tells the stories of Chris, the Commissioner of Information, Ikem, his friend, and Beatrice, his lover.

Answer: *Anthills of the Savannah*

B. The lives of three murdered people are intertwined with four detainees – Munira, Abdullah, Karega, and Wanja – suspected of the murders in this Ngugi Wa Thiongo novel.

Answer: *Petals of Blood*

C. The conflict between Sidi and her village leader, Baroka, is at the center of this Wole Soyinka play.

Answer: *The Lion and the Jewel*

7. Here's a bonus on events of the year 1526.

A. For 5 points, Charles V signed the Treaty of Madrid with this French king who was his prisoner from the battle of Pavia.

Answer: Francis I (accept Francis of Angoulême or François D'Angoulême)

B. For 5 points, On April 21, Babur defeated Sultan Ibrahim Lodi at this battle thereby establishing the Mogul Empire.

Answer: Panipat

C. For 10 points, In August, Suleiman's janissaries and saphis defeated Louis II of Hungary's forces near this town on the Danube.

Answer: Mohacs

D. For 10 points, When Louis II died later that year, this brother-in-law of his claimed the thrones of Bohemia and Hungary. This son of Philip and Juana la Loca would go on to become Holy Roman Emperor in 1558.

Answer: Ferdinand I

8. Name these obscure characters from *Seinfeld*, FTP each:

A. This neighbor of Morty Seinfeld in Florida buys a Cadillac from Jerry and breaks into Morty's garage to send up some raincoats to New York.

Answer: Jack Klompas

B. George frequently assumes the identity of this imaginary architect in his travels.

Answer: Art Van de Lay

C. Kramer has his own professional alter ego in the form of this doctor, who uses a meat slicer to take a biopsy of Mr. Kruger and also attempts to obtain a copy of Elaine's medical records in another episode.

Answer: Dr. Van Nostrand

9. Name these groups from biblical times, FTP each:

A. Some called Sicarii adopted terrorist tactics, assassinating Romans and prominent Jews who favored cooperation with Romans. Another group of them held the fortress of Masada against Roman troops until 73, when they committed suicide rather than surrender.

Answer: Zealots

B. The Bible never mentions this nationalist group that detested the Temple priests and lived in monastic communities. They may have been the authors of the Dead Sea scrolls.

Answer: Essenes

C. Taken from the Greek for "council," it referred to any Jewish council of elders specifically to the group that presided over the trials of Jesus.

Answer: Sanhedrin

10. You may want to use pencil and paper for this question. Given a chemical compound and type of isomer, tell how many different isomers there are, FTP each: You have 15 seconds for each part.

(Moderator: please read chemical formulas slowly.)

A. How many constitutional isomers are there of C_5H_{12} ?

Answer: 3 (n-pentane, 2-methylbutane, and neopentane {2,2 dimethyl-propane})

B. How many anomers are there of hemiacetal glucose?

Answer: 2 (alpha and beta)

C. How many total geometric and stereoisomers are there of Cl-H-C-C-H-C-H-Br-Cl? You have 10 seconds.

Answer: 4 (two cis-trans geometric isomers because of the double bond, and two stereoisomers because of the tetrahedral carbon with four different substituents.)

11. Name these Walt Whitman poems from lines:

A. For 5 points, "And what I assume you shall assume, / For every atom belonging to me as good belongs to you."

Answer: "Song of Myself"

B. For 10 points, "When the lilac-scent was in the air and Fifth-month grass was growing, / Up this seashore in some briers, / Two feather'd guests from Alabama, two together"

Answer: "Out of the Cradle Endlessly Rocking"

C. For 15 points, "Flood-tide below me! I see you face to face! / Clouds of the west—sun there half an hour high—I see you also face to face."

Answer: "Crossing Brooklyn Ferry"

12. Name these people who left office on or about New Year's Eve:

A. For 5 points, This leader fled Cuba early on January 1, 1959.

Answer: Fulgencio Batista y Zaldivar

B. For 5 points, He was Secretary-General of the UN from Jan. 1, 1992 to Dec. 31, 1996.

Answer: Boutros Boutros-Ghali

C. This man ruled the Central African Republic until he was overthrown on the night of New Year's Eve, 1965. He later returned to power, after his cousin who deposed him was deposed by French paratroops. For 10 points each, name both men.

Answer: David Dacko and Jean-Bédél Bokassa

13. Name these Robert Schumann compositions, FTP each:

A. Though numbered differently it was Schumann's last completed symphony. The only allusion to its nickname comes in the penultimate movement inspired by a scene that Schumann saw at a Cologne cathedral.

Answer: Symphony No. 3 in E flat or Rhenish

B. Schumann took this inspiration for this piano work from an E.T.A. Hoffmann character, who was a conductor who suffered from delusional visions.

Answer: Kreiseriana

C. This piano work, subtitled "Pretty Scenes on Four Notes," consists of 21 short numbers, all of which have titles.

Answer: Carnaval: Scenes mignonnes sur quatre notes

14. Given the English description of a Pillar of Islam, give its Arabic title.

A. For 5 points, pilgrimage to Mecca

Answer: Haji

B. For 10 points, giving of alms

Answer: Zakat

C. For 15 points, fasting during Ramadan

Answer: Sawm [SAA-wum]

15. Name these eponymous physical effects, for 15 points each:

A. A particular instance of Bernoulli's theorem, it's the generation of a sidewise force on a spinning cylindrical or spherical solid immersed in a fluid.

Answer: Magnus effect

B. Discovered in 1933, it is the expulsion of a magnetic field from the interior of a material that is in the process of becoming a superconductor.

Answer: Meissner effect

16. Name these Ben Jonson works, FTP each:

A. Shakespeare was in the cast of this Jonson comedy centering on the merchant Kitem and the young man Edward Knowell.

Answer: Every Man in his Humour

B. The title character, Subtle, and his cronies, Face and Dol Common, swindle a series of people until the return of Love-wit in this Jonson comedy.

Answer: The Alchemist

C. Set in the court of Augustus, it contains the characters of Horus, representing Jonson; Virgil, possibly representing Shakespeare; and Crispinus and Demetrius, who are used to mock Marston and Dekker.

Answer: The Poetaster

17. Identify these things from the exciting life of President Grant, FTP each:

A. After graduating from west point, he married this woman, his roommate's sister.

Answer: Julia Boggs Dent

B. On February 16 1862, he captured this fort on the Cumberland River in Tennessee. Along with Fort Henry, its loss handicapped the Confederate ability to hold the Mississippi.

Answer: Fort Donelson

C. In the popular vote of 1868, Grant narrowly defeated this former governor of New York.

Answer: Horatio Seymour

18. Name these legal terms, FTP each:

A. It is the basic element of a contract and is needed from both parties, often with one receiving money for the promise to perform certain duties. The money and the promise are each this.

Answer: Consideration

B. It is the permission to use a portion of someone else's property without owning it. For example, towns usually have it to install underground lines through private property.

Answer: Easement

C. It is a directive of a court that a public official perform some act, usually when time is of the essence.

Answer: (Writ of) Mandamus

19. Name these Egyptian gods, FTP each:

A. Also known as Athyr, her cult was centered in Dendera, where she was the goddess of fertility and childbirth. Depicted as a cow, or as a woman with the head of a cow, her symbols included the papyrus reed and a rattle called a sistrum.

Answer: Hathor

B. He is said to be self-created in the beginning along with his consort, the goddess Ma'at. He is depicted as having the head of either an ibis or a baboon.

Answer: Thoth

C. While Sekhmet was the "Lady of the West", this goddess was the "Lady of the East." Portrayed as a lioness up until 1000 BC, she was the daughter of Re.

Answer: Bastet

20. Given an Oscar winning movie, name the author who wrote the book that the film was based on.

A. For 10 points, *Ordinary People*

Answer: Judith Guest

B. For 10 points, *Forrest Gump*

Answer: Winston Groom

C. For 5 points, *One Flew Over the Cuckoo's Nest*

Answer: Ken Kesey

D. For 5 points, *The Best Years of Our Lives*

Answer: Mackinlay Kantor

21. Name these people associated with an ancient Roman, for 10 points each:

A. Pliny the Elder dedicated the *Natural History* to this emperor who destroyed Jerusalem while a military commander in 70 A.D.

Answer: Titus Flavius Sabinus Vespasianus

B. This Jewish historian recorded Titus' siege after battling and being captured by Vespasian.

Answer: Flavius Josephus

C. This brother of Titus erected the Arch of Titus to commemorate the conquest of Jerusalem.

Answer: Domitian or Titus Flavius Domitianus