

Tossups by Iowa

1. This playwright visualized his characters so vividly while writing that he claimed that one of his heroines appeared to him wearing a blue dress, and he used the visions to design costumes for his productions at the Bergen theater. Author of plays like Rosmersholm, The Master Builder, and

Peer Gynt, he is credited with the birth of modern drama in the 1879 production of A Doll's House. FTP Name this Norwegian playwright.

Answer: Henrik Ibsen

2. One of the most complex of them is Triacontane with a formula of $C(30)H(62)$. Neopentane and isobutane are not one of these. In decreasing levels of complexity, others include Decane, Nonane, Octane, Butane, Propane and Methane. For 10 points, give the expanded name for these hydrocarbon compounds in which each carbon is bonded to at least 2 hydrogens and follow the general formula $C(n)H(2n+2)$.

Answer: Straight-Chain Alkanes or Normal Alkanes or n-Alkanes

Prompt on Partial answer or on "Hydrocarbons" on early buzz.

3. He was not born in Nantucket, but in Highgate. Though he is known as an English landscape painter and illustrator, you will probably know him better for his poems, including "The Owl and the Pussycat." FTP, name this Victorian who popularized the limerick and wrote The Book Of

Nonsense.

Answer: Edward Lear

4. This group was created after the 1972 election by the Democratic Party. Party officials developed it out of

frustration that George McGovern's loss in the 1972 election resulted from problems with the McGovern-Fraser reforms. The Commission's report was adopted for the 1976 election, allowing for a greater role for party officials. FTP, identify this commission, which was named for a Representative from Maryland who now serves as a Senator in that state.

Answer: _Mikulski_ Commission

5. In 1908, two men independently described a law which provided support for Darwin's Theory of Evolution. Their work describes the genetic equilibrium of a large random-mating population and shows that the ratio of dominant to recessive genes does not vary down the generations. FTP, identify this fundamental law of population genetics.

Answer: _Hardy-Weinberg_ Principle

6. In his most recent once-a-year exploits, he appears on Jerry Springer to work out some paternity issues. But after getting angry, he decides to vaporize the audience at the taping and subsequently relinquish parental custody of Maggie to Marge and Homer while he and Kodoss journey to Washington D.C. to destroy every politician on the Hill. For 10 points, name this space alien, a recurring featured character on "The Simpson's Halloween Special."

Answer: _Kang_

7. His epithets included Prince, Lord of Earth; Lord of Rain and Dew; and He Who Rides on the Clouds. He was worshipped in Phoenicia, Israel, and most prominently in Egypt, and came to be identified with Zeus. FTP, name this Canaanite god of storms and fertility.

Answer: _Baal_

8. An Army officer trained by U.S. Marines while his country was under occupation, he took power in 1930 and renamed the capital city after himself, and did the same with the nation's highest peak. He reigned from 1930 to 1961, when he was assassinated by rival military officers and his nominal president, Joaquin Balager, took power. FTP, name this Caribbean strongman whose name no longer graces the city of Santo Domingo.

Answer: Rafael Leonidas _Trujillo_ Molina

9. This mathematical concept can be defined for a square matrix, for the kernel of an integral equation, or for a differential equation with boundary conditions. Symbolized by λ , its values for a matrix are the roots of the characteristic equation of the matrix. FTP, identify

this hybrid mathematical term that includes the German word for "characteristic" or "proper."

Answer: _eigenvalue_

10. The floor has regular wooden planks. The walls are a ruddy color. The left side has a window allowing light to enter & shows a spired building. However, the foremost image is that of a giant green apple that takes up almost all of the space. FTP, name this painting by Rene Magritte.

Answer: The _Listening Room_ or Le _Chambre d'Ecoute_

11. Unless Antonin Dvorak had read up on his scientific journals, then he wouldn't have realized that his non-suppurative inflammatory kidney condition that resulted in the albumin in his urine and fluid accumulation in his body was named for the British physician who studied these

conditions in the mid-19th century. For 10 points, name either the physician or the namesake disease that plagued Dvorak.

Answer: Richard _Bright_ or _Bright's_ Disease

12. TWO ANSWERS REQUIRED: Along with Admah, Zeboiim, and Zoar, they constituted the "cities of the plain." They were probably destroyed by an earthquake around 1900 BC, and the "brimstone and fire" associated with them were probably caused by petroleum deposits in the area catching fire. FTP, name these two Biblical cities noted for their wickedness.

Answer: Sodom and Gomorra

13. In economic price theory, this long-linear production function models the production of goods and services based upon varying inputs of capital and labor. In the equation, production is based on a constant multiplied by capital and labor, which are each raised to different constants based

on technology. FTP, name this most common production function of economics which becomes quite manageable when considered in logarithmic form.

Answer: Cobb-Douglas Production Function

14. Some of her works include *The Soft Voice of the Serpent*, *A Soldier's Embrace*, *Burgher's Daughter*, and *July's People*. Her works, which dealt with apartheid, earned her the 1991 Nobel Prize for Literature. FTP, name this South African author.

Answer: Nadine Gordimer

15. If you visit the Mendip Hills of Somerset in South-West England, make sure you peek into this village, as it is conveniently located near the dramatic cliffs of its namesake gorge. Oh yeah, while you're there, also make sure to visit a cheese shop and jokingly see if they have any of

the sharp and vibrant orange food that makes this town "beddar" than the rest. For 10 points, what is the 7-letter name of this town?

Answer: Cheddar

16. Born on October 4, 1626, he was admitted as a member of Lincoln's Inn in 1647. He was not brought forward into public life until the deaths of his elder brothers and the establishment of the second Protectorate in 1657. In September 1658 he was proclaimed Lord Protector of the Realm, but the military objected, and in May 1659 the Rump Parliament voted him out of office, paving the way for the crowning of Charles II. FTP, name the man whose demise signalled the end of the Commonwealth.

Answer: Richard Cromwell

17. First, for a perfect gas, the internal energy of the gas at constant temperature is independent of its volume. Second, the heat produced by an electric current, I , passing through a conductor of resistance, R , for a time, t , is equal to $I^2 R t$. FTP, provide the common

name for these physical laws, which also described the measurement unit for the heat produced.

Answer: Joule's Laws

18. This sonnet laments the writer's frustration at not being able to serve God as he wishes, when he considers how his light is spent, but tolerating the 'mild yoke' that God has given will suffice, as "They also serve who only stand and wait." FTP, name this sonnet by John Milton.

Answer: On His Blindness

19. One of the delicious aspects of this battle was that Scipio used nearly the same tactics Hannibal had at Canae. Instead, the Roman cavalry was able to defeat the war elephants in the desert outside of Carthage in 202 BC. FTP, name this battle.

Answer: Zama

20. This musical term refers to a type of one-movement program music for orchestra, which illustrates a literary text or extramusical idea to which listeners are expected to refer. The term was coined by Liszt, and an example is his *Les Preludes*. FTP, identify this musical term, other

examples of which include Richard Strauss' *Don Juan* and Claude Debussy's *Afternoon of a Faun*.

Answer: *Tone Poem* or *Symphonic Poem*

21. Day 4 is given over to tragic love stories, but on Day 5 true love prevails. Days 7,8, and 9 deal with trickery and deceit. The cycle ends with the tale of patient Griselda on the tenth day. FTP, name this collection of 100 stories written by Giovanni Boccaccio.

Answer: *Decameron*

22. This band began their rap career in Detroit in the early 1990s. Proclaiming to having been visited by the Carnival Spirit, the band releases their albums as *Joker's Cards*, and thus far there has been *Carnival of Carnage*, *Ringmaster*, *The Riddle Box*, and *The Great Milenko*. FTP, provide the band name for Violent J and Shaggy 2 Dope, and show that you are down with the clown.

Answer: *Insane Clown Posse* or *ICP*

23. *Cry-Baby*, *Desperate Living*, *Female Trouble*, *Polyester*, *Divine*, *Mondo Trasho*, *Multiple Maniacs*, *Hairspray*, and *Serial Mom* were directed by, FTP, what director who also has the film "Pink Flamingos" to his credit?

Answer: John *Waters*

Bonuses by Iowa

1. Sometimes you just want to ask the people who named these geographic features to **MAKE UP THEIR MINDS!!!** So -- given a description of such a location, name it for 10 points each:

A. A remnant of the former glacial Lake Agassiz, this is a popular destination for the residents of the three territories that share it: Manitoba, Ontario and Minnesota.

Answer: _Lake of the Woods_

B. This city of approximately 60,000 south of San Diego was the site of the first shopping center in America opened in 1953.

Answer: _National City_

C. This is the capital of the British Virgin Islands and sits on the island of Tortola.

Answer: _Road Town_

2. Although Tony Blair's Labour Government is a strong party with widespread support, the Labour party itself has a relatively short history. For the stated number of points, answer the following questions on the first Labour government in the United Kingdom.

A. For 5, name the first Labour prime minister.

Answer: Ramsay _MacDonald_

B. For 10, or for 5 within two years either way, in what year did Ramsay become the UK's first Labour prime minister?

Answer: _1923_ (1921-1925)

C. Finally, for 15, identify the Conservative prime minister who surrendered the post to MacDonald in October 1923 after his protectionist trade policies led to a 90 seat loss in parliamentary elections.

Answer: Stanley _Baldwin_

3. Identify each three-named author from works--10 points or 5 if you need the second clue. You must answer with at least two of the author's three names.

10: Ulalume

5: The Cask of Amontillado

Answer: Edgar Allan Poe

10: An Old-Fashioned Girl

5: Jo's Boys

Answer: Louisa May Alcott

10: Leaves from Margaret Smith's Journal

5: Snow-bound

Answer: John Greenleaf Whittier

4. Answer the following on the MLS Cup champion Chicago Fire FTP each.

A) Name the coach of the Fire, a former assistant to ex-DC United and new U.S. national coach Bruce Arena.

Answer: Bob _Bradley_

B) The Fire began the season with plans of using Jorge Campos in goal, but the solid play of this man earned him the starting spot as the season ended. Name the goalkeeper who shut out DC United in the MLS Cup.

Answer: Zack _Thornton_

C) This former Polish national player earned MVP honors in MLS Cup '98 after earning an assist on both Chicago goals. Name this midfielder.

Answer: Peter _Nowak_

5. In October of 1677, he sent yet another in a string of letters to the Royal Society, and claimed that he had seen over 8 million "tiny animals" in a drop of water. A month later, one of the Society's own brought pepper water to a microscope and noticed the tiny rods and threads that had been mentioned in the letters. For 10 points a piece:

A. Name the letter-sender from Delft who was elected as a fellow to the Royal Society in 1680.

Answer: Antoine (Antony) van _Leeuwenhoek_

B. Name the English Physicist/Royal Society member who confirmed the findings, author of 1665's _Micrographia_.

Answer: Robert _Hooke_

C. What British optician took Hooke and Leeuwenhoek's interest in microscopes into the next century with his patent of the achromatic lens in 1758?

Answer: John _Dolland_

6. Identify these ancient Athenian leaders FTP each.

A. Appointed archon in 594 BC, he declared that all free Athenians were equal by law and restricted the political power along four classes based on wealth.

Answer: _Solon_

B. Tyrant from 620 BC, he instituted a law code that prescribed death for stealing a cabbage.

Answer: _Draco_

C. He divided Attica into 30 "trittyes" for political system after overthrowing the archon Isogoras c. 507 BC.

Answer: _Cleisthenes_

7. Identify the authors of these fin-de-siècle British works FTP each.

A. Chastelard

Answer: Algernon _Swinburne_

B. An Ideal Husband

Answer: Oscar _Wilde_

C. Marius the Epicurean

Answer: Walter _Pater_

8. Lee Ann Rimes would love these geographic locations. Let's see if you do too -- identify for the points stated:

A. (5) This range of the Appalachian Mountains that stretch from south Pennsylvania to North Georgia and has as its highest peak Mount Mitchell in North Carolina.

Answer: _Blue Ridge_ Mountains

B. (5) The river that rises in Lake Tana and flows south to meet up with the White Nile in Khartoum.

Answer: _Blue Nile_

C. (10) The port on the Mosquito Coast of Nicaragua named after a Dutch Pirate and has as its chief outlet the outer port of El Bluff.

Answer: _Bluefields_

D. (10) Any two of the three countries that have officially named "Blue Mountain" Ranges within their borders -
- for 5 each.

Answers: _U_nited _S_tates of _A_merica_ _Jamaica_ _Australia_

9. Identify these characters from German opera FTP each.

A. This young prince woos Pamina in _The Magic Flute_.

Answer: _Tamino_

B. This guy disrupts the life of the Norwegian Daland and his daughter Senta in a Wagner opera.

Answer: The Flying _Dutchman_ (Der Fliegende Hollander)

C. In a Richard Strauss opera, she is crushed by shields after kissing Jokanaan after she had him killed.

Answer: _Salome_

10. For this Chemistry bonus, identify the following terms beginning with the letters e-l-e-c-t-r FTP each.

A. This is the splitting of a compound into simpler forms by the input of electrical energy.

Answer: _electrolysis_

B. This is a qualitative measure of the tendency to hold electrons. It is roughly proportional to the sum of the ionization energy and the electron affinity for an atom.

Answer: _electronegativity_

C. This is the radioactive decay in which an atomic electron combines with a proton in the nucleus to form a neutron and a neutrino. The nucleon number remains the same, while the proton number is reduced by one.

Answer: _electron capture_

11. The character of Toussaint L'Ouverture has been seminal in Caribbean literature. Given a work & its language of origin treating his legend, name the author FTP each.

A. The Black Jacobins, English

Answer: C.L.R. _James_

B. Toussaint L'Ouverture: The French Revolution & The Colonial Problem, French

Answer: Aime' _Cesaire_

C. The Kingdom of This World, Spanish

Answer: Alejo _Carpentier_

12. Identify these things that grew from the Eight Trigrams Society's work FTP each. A. This organization grew from the 8 Trigrams in an attempt to overthrow the Ch'ing dynasty & its Western allies.

Answer: _I-ho ch'uan_ or _Righteous & Harmonious Fists_ or _Boxers_

B. The Boxer Rebellion was eventually championed by the Dowager Empress. Name her.

Answer: _Tz'u Hsi_ (zoo she)

C. The Boxer Protocol was partially brokered by the US Secretary of State who insisted on his Open Door policy being inscribed into it.

Answer: John _Hay_

13. Identify these members of the Leakey family FTP each.

A. This man was the husband of the famous husband-wife team which uncovered a 1.75 million years old fossilized skull of an australopithecine.

Answer: Louis Seymour Bazatt Leakey

B. This renowned archaeologist was the wife of Louis, and she also worked in East Africa with her husband.

Answer: Mary Douglas Nicol Leakey

C. This administrative director of the National Museums of Kenya is the son of Mary and Louis Leakey. He has found more than 100 separate hominids in the Lake Rudolph Region of Kenya.

Answer: Richard E. Leakey

14. Identify the painters of these non-Impressionistic French works of the 19th century FTP each.

A. The Ox-Plow Answer: Rosa Bonheur

B. Burial at Ornans Answer: Gustave Courbet

C. The Gleaners Answer: Jean-Francois Millet

15. FTP each, identify the state in which the following Anthropological Native American Museums are located.

A. Nez Perce Trail Interpretive Center

Answer: _Oregon_

B. Iroquois Indian Museum

Answer: _New York_

C. The Will Rogers Memorial

Answer: _Oklahoma_

16. Name the gland in the human body that secretes the following hormones.

A. Oxytocin and vasopressin

Answer: _posterior pituitary_ (prompt on pituitary)

B. Glucagon

Answer: _Pancreas_

C. Calcitonin

Answer: _thyroid_

17. Give a work of 17th-century French drama, name the playwrights on a 10-5 basis.

A10. Cinna

A5. Le Cid

Answer: Pierre _Corneille_

B10. Bajazet

B5. Phedre

Answer: Jean _Racine_

C10. The Precious Damsels

C5. Tartuffe

Answer: Jean Baptiste Poquelin _Moliere_

18. Yeah, yeah, you know Ed Wood, but can you name the famous directors of the following trashy flicks FTP each?

A. Mankillers, Raw Justice, Deadly Prey

Answer: David _Prior_

B. Faster, Pussycat! Kill! Kill! and Beyond the Valley of the Dolls

Answer: Russ _Meyer_

C. The Wasp Woman and The Little Shop of Horrors (1960)

Answer: Roger _Corman_

19. Given a mythological creature, identify the element associated with it for 5 points each, and a 5 point bonus for all.

A. undine Answer: _water_

B. sylph Answer: _air_

C. salamander Answer: _fire_

D. gnome Answer: _earth_

E. milla jovovich Answer: _quintessence_ (prompt on "fifth element")

20. Identify this man, 30-20-10.

30: Born in 1561 in London, this man became an MP in 1584, was knighted by James I in 1603, and later served as Solicitor-General, Attorney-General, and Privy Counsellor.

20: Later in his life, he was accused of accepting bribes and banished from the Parliament and Court. Though he was later pardoned, he never returned to public life and died in debt, despite his philosophical contributions.

10. His Essays established him as a master of prose, and his Novum Organum explicated the scientific method.

Answer: _F_rancis _Bacon_

21. Identify this American historical figure 30-20-10.

30: He served as Jackson's Secretary of War in 1831, and he also served as US minister to France between 1836 and 1842.

20: He served in the Senate from 1849 to 1857, when he became Buchanan's Secretary of State.

10: He was appointed Governor of the Michigan territory in 1813, and he ran unsuccessfully as the Democratic Presidential candidate in 1848.

Answer: Lewis _Cass_

22. Given a description, name the Veda described FTP each.

A. This oldest Veda comprises mostly hymns.

Answer: _Rg_ or _Rig_

B. This Veda deals primarily with the correct kinds of rituals & sacrifices - other than Soma.

Answer: _Yajur_

C. This Veda includes magickal spells.

Answer: _Atharva_

23. Identify the following scientific instruments for the stated number of points.

A. FTP, this is an accelerator for imparting to charged particles of atomic magnitudes energies of several million electron-volts. The ions are caused to traverse a spiral path between two hollow semicircular electrodes by means of a suitable magnetic field.

Answer: _cyclotron_

B. For 20 points, this is an instrument in which ions are caused to move in spiral paths by the application of an electric field at right angles to a constant magnetic field. With this device, it is possible to separate ions of different isotopes, and it may be used to determine atomic masses.

Answer: _omegatron_

24. Put the following events in chronological order, 5 points each with a bonus 5 for getting them all: The Suez Canal is opened, _The Communist Manifesto_ is published, Hong Kong is ceded to Great Britain, the Franco-Russian war begins, Russia abolishes serfdom

Answers:

Hong Kong ceded to Great Britain (1842)

Communist Manifesto published (1848)

Russia abolishes serfdom (1861)

Suez Canal opened (1869)

Franco-Prussian war begins (1870)