

8th Annual Juan Carlos Viscerra memorial tournament

Round 12

Questions by Wisconsin

Tossups

1.) On January 26, 2002, he died at age 48 from liver and kidney failure. This came just weeks after the British newspaper *The Mail* donated 2000 pounds to be spent on his medical care. Born in Germany, he arrived in the country where he would achieve fame in 1964. Heralded internationally as a symbol of regal endurance, during the early 1990s, he was crippled and lost an eye when a grenade was thrown into his cage. FTP, name this lion from the Kabul zoo.

Answer: **Marian** the Lion

2.) In this phenomenon, a sudden mechanical disturbance causes an increase in pressure. However, the material affected is elastic, and the rebound causes a decrease in pressure. The process is repeated, and a series of compression and rarefaction waves propagates through the material. Its velocity is determined by numerous factors, including the density, elasticity, and temperature of the material. In dry air at zero degrees Celsius its velocity is 331 meters per second. FTP, name this physical process.

Answer: **Sound**

3.) Travel from Earth to Mars is very simple, as long as you travel via the Moon, Mercury, Jupiter, Uranus, Pluto, and then get to the Red Planet. Then, you have to visit Venus before you can even think of orbiting Mars. And don't even think about landing on Jupiter's moon Sinope, a veritable gravity trap that will suck up your fuel faster than you can say Federon, Red Shift, or Laser Battle. Ganymede is the most valuable property in, FTP, this board game, similar to Monopoly, that has served as the astronomy source for many a quiz bowl player.

Answer: **SolarQuest**

4.) Azariah Flagg helped to found them, taking a name that implied their intent to destroy the public works and corporations to do away with their abuses. They were opposed to slavery and to the conservative Hunkers, and when the Hunkers captured the New York state convention, prominent members such as Silas Wright and Samuel J. Tilden left the Democratic party and endorsed Van Buren on the Free Soil ticket in 1848. FTP, identify this political party whose name derived from a fabled Dutchman's attempt to rid his farm of rats.

Answer: **Barnburners**

5.) Sub-titled a "Tango Operita", this musical-drama emerged out of the collaboration of Argentinian poet Horacio Ferrer and its composer. Although first staged in 1968, it only received international attention recently due to its championing by the violinist Gidon Kremer, and the release of a recent recording featuring Kremer and Ferrer, who intones the recitatives. FTP, Name this work by the tango king Astor Piazzola which is about the life, death and resurrection of a young woman, who also personifies the cultural history and the night-life of the capital city of Argentina.

Answer: **Maria de Buenos Aires**

6.) He was elected to the Academy Francais on October 26, 1978, eight years before his death. He had begun his career 60 years earlier with a post as Lecturer at the University of Warsaw, a

period which Levi-Strauss noted was a "good occasion to learn Polish and Russian." Comparison of his knowledge of the Caucasians of Turkey and the Norse gods helped lead to his theory of that many cultures shared a trinity of spiritual, military, and fertility divinities. He also observed similarities between Odysseus and Arjuna. FTP, name this author of *Mythe and Epopee*, who was the driving force behind the reconstruction of Indo-European culture.

Answer: Georges Dumezil

7.) This woman was the model for the Virgin Mary in a painting depicting the visitation of the Angel Gabriel announcing the Immaculate Conception called *Ecce Ancilla Domini*. In 1850, under the pseudonym of Ellen Alleyne, she contributed to the journal *The Germ*. Among her works are a sonnet for Elizabeth Siddal entitled "In an Artist's Studio," as well as a series of sonnets and a long ballad-style poem about two sisters seduced by goblin-fruit, titled "Goblin Market." FTP, name this sister of the founder of the Pre-Raphaelite Brotherhood.

Answer: Christina Georgina Rossetti (prompt on "Ellen Alleyne")

8.) It consists of a chamber having a roughly elliptical cross-section, fitted with inlet and outlet ports, and a roughly triangular, epicyclically-driven central block. This block divides the chamber into three gas-tight sections of varying volume. The varying volume allows the central block to first compress a combustible mixture drawn through the inlet, and later to expel the products of combustion. Its design drawback is that the three sections cannot be made adequately gas-tight. FTP, Name this four-stroke engine whose brief popularity was based on the absence of reciprocating parts and engine vibration.

Answer: Wankel rotary engine

9.) This conflict was an indirect result of the deposition of Spain's Queen Isabella II, who was initially succeeded by Prince Leopold of Hohenzollern-Sigmaringen under pressure from Otto von Bismarck and the Spanish statesman Juan Prim. He withdrew under French pressure, but Napoleon III was prompted to declare war. France was soon defeated in a series of battles including the Battle of Sedan. FTP, name this 1870-1871 military conflict sparked by the reluctance of Kaiser Wilhelm I to back down, resulting in the release of the Ems telegram

Answer: Franco-Prussian War or Franco-German War

10.) This island's highest point is Mt. Jamanota, which is 60 feet higher than the nearby Mt. Hooiberg. Its 75 sq. miles contain approximately 66,000 citizens, most of whom speak Papiamentu, and its proximity to Venezuela has provided a lucrative oil refining industry. In 1986, it separated from the Netherlands Antilles, thereby gaining full autonomy within the Dutch realm. The westernmost of the Lesser Antilles, it lies 80 miles west of Curacao, with its capital at Oranjestad. FTP, name this island.

Answer: Aruba

11.) When he was satirized in Ben Jonson's *Poetaster* as Demetrius Fannius, he responded by satirizing Jonson in *Satiro-mastix*. His most famous pamphlet, published in 1609, is *The Gull's Hornbook*, a mocking testament of the behavior of London gallants. Though he wrote several plays on his own, including *Old Fortunatus*, and *The Shoemaker's Holiday*, he was also a collaborator with William Rowley, John Ford, and Phillip Massinger, though he may be better known for his work on with Thomas Middleton. FTP, name this author of *The Honest Whore*.

Answer: Thomas Dekker

12.) Once performed for an audience of one, it was never a megahit, but will always be one of the most famous American musicals. Written by Tom Jones and Harvey Schmidt under the working title of *Joy Comes to Deadhorse*, this love story had a very small cast and only a pianist and a

harpist for music. FTP, What musical closed its run of 17,162 performances at the Sullivan Street Playhouse on January 13, 2002, the longest ever in New York?

Answer: The **Fantasticks**

13.) They are produced mainly by the adrenal glands and are related to the estrogens and androgens. Increased amounts are secreted during times of stress. Medicinally, they are also used to suppress inflammation and allergies. Asthma, nephritis and multiple sclerosis all respond to treatment by them, though they can also have adverse effects such as acne, osteoporosis and hypertension. FTP, what are these widely-banned hormones, one of which is cortisol?

Answer: **Steroids**

14.) Its inner shrine was built in 4 BCE, and houses the Sacred Mirror. The outer shrine dates from the late fifth century CE and was dedicated to Toyuke Okami, the god of food and clothing. In 1949, special ceremonies were held here when the reconstruction of its traditional thatched huts was postponed, as the search for the *hinoki* must begin ten years in advance. Such reconstructions are an important part of the shrine's history, and have occurred every 21 years since the 1600s, and every twenty years in the millennium before that. FTP, name this Shinto shrine of southern Honshu.

Answer: Grand Shrine of **Ise**

15.) Politically, they were divided into the Confederates and the Scented Ones, and in the late sixth century many members of the latter formed a group known as the League of the Virtuous. The two factions had first formed one hundred years before in a dispute between Abd ad-Dar and Abd Manaf over the succession after they had brought to the Hejaz the goddesses al-Lat, al-Uzza, and Manat and driven the Khuza'ah from the sanctuary at Mecca. In the seventh century, however, they would eventually provide the leaders to a new religion founded by one of their members whom they initially persecuted. FTP, name this tribe of the Prophet Muhammad.

Answer: **Quraysh** (Ku-raysh)

16.) In metallurgy, the two dimensions are usually temperature and percent composition. Among other things, it can be used to design industrial equipment or to find the best conditions in manufacturing. There is usually only one liquid region, but if the two elements are incompatible there can be a lot of solid regions. A more common variety plots pressure versus temperature. FTP, name this type of graph, the origin of the term "triple point."

Answer: **phase diagram**

17.) The final piece in the second collection is the Hattatal, which contains an analysis of meters. They also include *Hávamál* (How-va-mal), *Gylfaginning* (Gil-fa-ginning), and *Völuspá* (Vol-oo-spa), the last of which is a narration of a god's journey to another world where he consults with a sibyl while on a quest for knowledge. Similar to skaldic works and making use of kennings, they are found in both poetry and prose. FTP, name these two works, which illustrate elements of both pagan and Christian ideas in late medieval Iceland.

Answer: The (Elder, Saemund) Poetic and (Younger, Snorra) Prose **Eddas**

18.) In one story he frustrates his enemies by capturing 300 foxes and tying torches to their tails and letting them run around in his enemies' grain destroying it all. At his wedding he asks the riddle "Out of the eater, something to eat; out of the strong, something sweet." The answer refers to the lion he killed with his bare hands. Later, in another feat of strength, he killed one thousand Philistines with the jawbone of a donkey. FTP name this Nazarene judge who tells Delilah that secret of his strength was in his hair.

Answer: **Samson**

19.) His autobiography *And The Walls Came Tumbling Down* deals mainly with his mentor and the infighting that occurred following that mentor's death. He helped organize a Charleston hospital strike, an Atlanta sanitation worker's strike, and led the May 1968 Poor People's march on Washington. However he is best known for an organization he founded with his mentor and Bayard Rustin, an organization of which he would be president from 1968-77. FTP, who is this civil rights leader who helped to found the Southern Christian Leadership Conference?

Answer: Ralph David Abernathy

20.) The core of this novel is the troubled relationship between Aurora Zogoiby (ZO-GOY-BEE) and her son Moraes. In it, Aurora - painter extraordinaire - personifies her country and its unruly multiculturalism. Her son's estrangement, and his employment with the communal politician Fielding are allegories of modern India's embracing of divisive politics. FTP, name this novel by Salman Rushdie that draws on modern Indian history as well as Boabdil, the last Muslim ruler of Granada.

Answer: The Moor's Last Sigh

21.) This team's inaugural season was 1993-1994, and its early draft picks included Rob Niedermayer and Ed Jovanovski. In 1996, Scott Mellanby killed a rat in the locker room and scored two goals that night, leading to a unique celebration during its run to the 1996 Stanley Cup Finals, led by goalie John Vanbiesbrouck. FTP, name this team playing in the National Car Rental Center, led by Pavel Bure.

Answer: Florida Panthers (accept either)

22.) In 1960, the Mossbauer effect was used for the first earthbound proof of this theory. 41 years earlier, the earliest tests at Principe Island and Sobral were organized by Arthur Eddington, and a slight deflection of starlight was observed during a solar eclipse. More recent proof comes from multiple images of a quasar, caused by bending of light around a galaxy. FTP, name this theory, first published in 1915.

Answer: general relativity (or general theory of relativity)

23.) Verrocchio's 1470 version has a sword in its right hand and a large head at its feet. In Bernini's 1623 version, the body is twisted and muscles flexed, in the process of swinging the weapon, and has a bag on the right hip. Donatello's 1408 bronze version shows a slender boyish figure who has slain his giant enemy. FTP, name this subject, a 1504 version of which holds a stone in his right hand with a sling cast over the left shoulder.

Answer: David [the last version being by Michelangelo]

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Boni

1.) Given a jazz musician, name the instrument they are best known for playing, FTPE.

A. Jimmy Smith

Answer: Organ

- B. Django (JAYN-go) Reinhardt Answer: Guitar
C. Milt Jackson Answer: Vibraphone

2.) Name these figures who have something in common, FTP each:

A. The protagonist of Franz Kafka's *The Trial*, he wakes one morning to find himself accused of an unnamed crime.

Answer: Joseph K

B. In one legend he is the son of Sir Ector. In another, he is a man whose sword wounds people in such a way that they cannot be healed. He is also rude and incapable in battle.

Answer: Sir Kay

C. A Canadian author, his works include the *Fionavar Tapestry* and *Tigana*. He also co-edited *The Silmarillion* with Christopher Tolkien.

Answer: Guy Gavriel Kay

3.) Answer the following questions about the dialogues of Plato, FTPE

A. This dialogue asks what virtue is and whether or not it can be taught. It features a memorable scene where Socrates gets a slave boy to "remember" how to double the area of a square.

Answer: Meno or Menon

B. This dialogue features Socrates in prison when a friend provides him means to escape. But Socrates won't leave, teaching the lessons of justice and the law.

Answer: Crito or Criton

C. This dialogue takes place just after the death of Socrates and contains Plato's arguments for the immortality of the soul.

Answer: Phaedo or Phaidon

4.) Given a brief synopsis with all specifics excised, identify the scandal from U.S. history F5PE and then identify some of those specifics FTPE

A. For 5--U.S. ambassadors refuse to pay bribes to reopen negotiations regarding an alliance and anonymously denounce those demanding the bribes.

Answer: XYZ affair

B. For 10, all or nothing, name the three U.S. ambassadors who refused to take the bribes in the XYZ affair

Answer: Charles C. Pinckney, John Marshall, Elbridge Gerry

C. For 5: Illegally, the government leased land set aside as petroleum reserves to private companies, whom they believed would be able to supply the government.

Answer: Teapot Dome

D. F5PE, identify Harding's secretary of the interior who allowed the sale of lands and the conservationist senator who launched the probe into the misconduct

Answer: Albert B. Fall and Robert M. "Fighting Bob" LaFollette

5.) 30-20-10, name the artist.

a. Valerie Solanas gave him an unpublished dramatic manuscript, "Up Your Ass", which she hoped he would produce.

b. He lost her manuscript a few months later, angering her. However, she still appeared in several of his avant-garde films after that point, including "I, a Man" and "Bikeboy" before shooting him on June 3, 1968.

c. This pop artist is most famous for his portrayals of everyday objects such as Campbell's soup cans.

Answer: Andrew Warhol

6.) Considering that there are close to 13,000 species of ferns in the world, its surprising how infrequently the topic comes up. FTP each, how well informed are you about ferns?

A. This two word term is used to describe the manner in which fern leaves arise, referring to the more rapid growth on one surface of the leaf than the other - a feature that gives immature leaflets their coiled appearance.

Answer: Circinate vernation

B. This is the name given to the dark brown spots found on the underside of fern fronds, which are clusters of spore bearing organs.

Answer: Sori or Sorus

C. When a fern spore lands on fertile soil, it does not germinate to produce a fern. Instead, it germinates to produce this intermediate stage in the life cycle of a fern, which gets its name from the fact that it supports organs bearing sperm cells and egg cells.

Answer: Gametophyte

7.) Everyone loves Les Miserables! Now, FTPE, name these characters from their relationships... and you won't get 30 points from just the musical!

A. Monsieur Gillenormand is the grandfather of this man, one of the only survivors of the barricade.

Answer: Marius Pontmercy

B. This is the man Marius swore to his father to help as a result of an incident during the Battle of Waterloo.

Answer: Thenardier

C. Thenardier (Ten-ard-ee-ay) has several children. Name his youngest son, who plays an important part in the Revolution. I will regretfully tell you he sang "Little People" in the show.

Answer: Gavroche

8.) The pH changes slowly, then changes rapidly, passing through 7, then changes slowly again. FTP each:

A. I've just described the results of what laboratory procedure?

Answer: titration

B. When titrating a strong acid with a strong base, the pH will be 7 when equal moles of hydroxide and hydronium have been added. What is this point called?

Answer: stoichiometric point or equivalence point

C. What common indicator is colorless at a pH less than 9.4?

Answer: phenolphthalein

9.) 5-10-15 Name the nation based on a list of its neighbors.

A. For 5: Guyana, Columbia, Brazil

Answer: Bolivarian Republic of Venezuela

B. For 10: Turkey, Greece, Montenegro, Serbia, Romania

Answer: Republic of Bulgaria

C. For 15: Mauritania, Mali, Guinea-Bissau, Guinea, The Gambia

Answer: Republic of Senegal

10.) Identify the following about the history of the Netherlands, FTP each.

A. The Netherlands was founded in 1579 by this treaty, which bound together Holland and four neighboring territories opposed to Spanish rule.

Answer: Union of Utrecht

B. The second Anglo-Dutch war was caused by the British seizure of this Dutch colony in 1665.

Answer: New Amsterdam or New York

C. During the Napoleonic Wars, a revolt led by Gijsbert Karel van Hogendorp led to this man's becoming the first King of the United Netherlands.

Answer: William I (do not accept or prompt on "William the Silent" or "William of Orange")

11.) Everyone loves an economist. Name these Econ. Nobel winners from the year they won, their country of birth and a description of their work FTPE.

A. 1985, Italy, pioneering analyses of saving and of financial markets

Answer: Franco Modigliani

B. 1976, U.S.A, consumption analysis, monetary history and theory and for his demonstration of the complexity of stabilization policy.

Answer: Milton Friedman

C. 1973, Russia, The input-output method and for its application to important economic problems.

Answer: Wassily Leontif

12.) For 5 points each, and a ten point bonus for all correct, according to the Wrigley Co., what are the four flavors that make up Juicy Fruit gum?

Answer: lemon, pineapple, banana, orange

13.) For 15 points each, name the sports figure who performed each of the following historic events from the nickname given to the event. If you need the year and the athlete's sport, you'll get 10 points, and if you need the team you'll get 5.

A. 15: The Hand of God

10: 1986, Soccer

5: Argentina

Answer: Diego Maradona

B. 15: The Shot Heard Round the World

10: 1951, Baseball

5: New York Giants

Answer: Bobby Thompson

14.) Name the following related to Alexander the Great, FTP each.

A. This father of Alexander was King of Macedonia.

Answer: Philip II

B. This 331 BCE battle in northern Iraq marked Alexander's final defeat of the Persian Empire.

Answer: Battle of Gaugamela or Battle of Arbela

C. This Persian Emperor defeated by Alexander fled to Bactria where the satrap had him murdered.

Answer: Darius III or Codommanus the Last King

15.) Name these dinosaurs, who unlike the Tyrannosaurus actually were alive during the Jurassic period.

A. It had two rows of plates along its back with a spikey tail. Its tiny brain is often thought to be too small to control its body movements, so it was helped by an auxiliary brain near its hind legs.

Answer: Stegosaurus

B. By far the most powerful carnivore in the Jurassic period, it became dominant after the extinction of the Dilophosaurus. It lacked the jaw strength of the later Tyrannosaurus, but was

much faster and had powerful limbs which could pin its prey.

Answer: **Allosaurus**

C. Until recently, it was the largest known dinosaur at an average height of 40 feet tall. With front legs much longer than its hind legs, its long neck would be constantly aiming high where it could find food in the trees.

Answer: **Brachiosaurus**

16.) Name these Puritans, FTPE.

A. Everybody's favorite preacher. Name this author of "Sinners in the Hands of an Angry God."

Answer: Jonathan **Edwards**

B. This poet wrote the poem "On the Burning of My House," and another on the death of her child.

Answer: Anne **Bradstreet**

C. This author began American Exceptionalism with "City on a Hill."

Answer: John **Winthrop**

17.) Given a description, name the subatomic particle. 10 each.

A. Electric charge of positive 2/3, Mass of approximately 5 MeV (million electron volts).

Answer: **up** quark

B. It spontaneously decays into a proton, an electron, and an antineutrino.

Answer: **neutron**

C. It carries the weak force and has a charge of zero.

Answer: **Z** particle

18.) FTPE, expand the acronyms.

A. ROUS, as in The Princess Bride.

Answer: **Rodents of Unusual Size**

B. TARDIS, from Dr. Who.

Answer: **Time And Relative Dimensions In Space**

C. TWAIN, the scanner interface.

Answer: **Technology Without An Interesting Name** or **Technology Without An Important Name**

19.) Given one of the original 13 colonies, identify its founder FTPE and a five point bonus for all five.

A. Georgia Answer: James **Ogelthorpe**

B. Maryland

Answer: Sir George **Calvert**, 1st Baron of **Baltimore** (accept either)

C. Rhode Island Answer: Roger **Williams**

D. Connecticut Answer: Thomas **Hooker**

E. New Hampshire Answer: John **Wheelwright**

20.) We may not have many long texts written in them, but hey, writing on stones and such is hard work. Identify these ancient languages FTPE each.

A. This language played a minor role in one of the books in the *Wrinkle in Time* series. Perhaps adapted from a sign language, it contained 25 letters and is named after its supposed inventor. Runic, it was the language of the druids.

Answer: **Ogham**

B. This runic language is primarily associated with Norse peoples, but in its general form, lends its name to runic languages of the Anglo- Saxons and Teutons. It was named after the first

6 runic signs.

Answer: Elder **Futhark** or **Futhorc**

C. Although there are no extant literary works in it, this may have been the language of Volnius's tragedies. It is currently undeciphered, and the "Zagreb mummy wrapping" is its longest inscription.

Answer: **Etruscan**

21.) Name these ocean currents, FTSNOP:

A. F5P, it brings tropical waters north along the U.S. east coast and across the North Atlantic.

Answer: **Gulf Stream**

B. FTP, this cold current flows north along the west coast of South America. Disruptions in it are associated with El Niño.

Answer: **Humboldt** current

C. F15P, this warm current runs along the horn of Africa, and it reverses direction every winter.

Answer: **Somali** current

22.) Name these authors from the American Colonial period, F15P each:

A. Kidnapped from Lancaster, Massachusetts, she spent 11 weeks as a captive during King Philip's War, recounting her ordeal in a famous narrative.

Answer: Mary **Rowlandson**

B. The rarest of the rare, a Puritan with a sense of humor, his diary recounts his pursuit of the widow Katharine Winthrop. He was also the only judge at the Salem Witch Trials to later issue a statement of wrongdoing.

Answer: Samuel **Sewell**

23.) Name these Chinese novels from the Ming dynasty, for 15 points each:

A. Attributed to Lo-Koan Chung and set during the Wei, Shu, and Wu periods, it features the wise tactician Zhuge Liang and the usurper Dong Zhuo.

Answer: **Romance of the Three Kingdoms** or **Sanguo zhi yanyi** or **San-kuo chih yen-i**

B. Published in 1617, it recounts the fall of Hsi-men Ch'ing as he pursues his sexual and political needs; its open sexuality has led to bans for pornography.

Answer: The **Plum in the Golden Vase** or **Chin P'ing Mei**