

8th Annual Juan Carlos Viscerra memorial tournament

Round 10

Questions by Wisconsin

Tossups

1.) Their symbol was the Catamount, a fierce wild cat that the Bennington tavern where they were formed took its name from. Originally formed to confront a sheriff's party sent to evict New Hampshire, they were saved from jail time by the outbreak of the Revolutionary War and, with Benedict Arnold, took Fort Ticonderoga. The loss of their leader after the Battle of Quebec did not lessen their fervor, and they continued to fight as members of an independent republic until their state became the Union's fourteenth. FTP, identify this militia group, led by Ethan Allen.

Answer: The Green Mountain Boys

2.) The name is the same. One hails from planet Xrghthung; [ksrug-thung], the other comes from the planet Zerus, although more recently they have been spotted on Char, where Cerebrate Faluzure holds out against the UED and Queen Kerrigan. The first wages war against Star Command, although one particular space ranger always seems to foil his plan. FTP, identify the shared name of the insect-like species of the PC game "Starcraft" and the Evil Emperor of "Toy Story 2", whose arch-rival and son is Buzz Lightyear.

Answer: Zerg or Zurg

3.) It is based on the real story of the Lost Woman of San Nicolas. As the story goes : the Chumash Indians of Ghalas-At leave the titular location to escape Aleutian seal hunters. When a young girl discovers that her young brother has been left behind, she swims back to the island only to find him killed by wild dogs. Karana spends the next eighteen years fighting for survival and adapting to solitary life on a Channel Island. FTP, identify this 1961 Newberry Medal winner, written by Scott O'Dell.

Answer: Island of the Blue Dolphin

4.) It is essential to understanding radioactive decay, and has no charge and zero spin. Its properties are a consequence of wave-particle duality and it is associated with its namesake field. It relates exclusively with the W and Z particles, explaining why some particles are massless while others are quite heavy. It is the weak force's analog of the electromagnetic force's photon. FTP, identify this hypothesized particle, which is believed to be responsible for giving particles their mass.

Answer: Higgs Boson

5.) Even from an early age, he had a striking resemblance to Henry Fonda, resulting in many unflattering comparisons. His father was an alfalfa farmer, his mother wanted him to be named Caleb, but after 36 hours of labor she was too tired to pursue it. Before settling on his final name, his father toyed with such ideas as Drum, C Sharp, and Minor. FTP, identify this Joseph Heller character, Yossarian's superior in Catch 22

Answer: Major Major Major Major

6.) The cold and rainy summer the year before this event delayed the arrival of Lewenhaupt with reinforcements and supplies. Even worse, the Russian attack on Lewenhaupt in Ljesna and the drunkenness after the battle forced him to leave almost half of the men and all of the supplies

behind. After it was over, a wounded King Charles XII fled to the Ottoman Empire. FTP, identify this battle fought in present day Ukraine, which saw Peter the Great defeat Sweden, the turning point of the Great Northern War.

Answer: Battle of Poltava

7.) Located at approximately 60 degrees north and 140 degrees west, this peak rises from the largest non-polar ice cap. Not successfully climbed until 1925, it is, at six thousand meters, the peak of the Saint Elias range, and takes its name from the founder of the Canadian Geologic Survey. FTP, identify the second highest peak in North America and highest in Canada.

Answer: Mount Logan

8.) It only has three characters, giving it the smallest cast of any extant Greek play. Written in 408 B.C.E., the main character is Silenus, who acts as a servant to the title character. Much of the comedy is derived from the drunken acts of the title character, including dragging Silenus to the bedroom, a scene not represented in book nine of the Odyssey. FTP, identify this play of Euripides, the only extant satyr play.

Answer: The Cyclops

9.) It houses works by Federico Zuccari, Andrea de Castagno, Giorgio Vasari, and Paolo Uccello. The façade of green, pink and white marble was not finished until late in the 19th century, roughly five centuries after its construction. Properly named "Santa Maria del Fiore" or "Holy Mary of the Flower," its more common name simply means "cathedral" in Italian. FTP, Brunelleschi's masterful dome tops which Florentine church.

Answer: Duomo (accept Santa Maria del Fiore early)

10.) Manufactured ones include Avonex, Betaseron, and Copaxone. Those of the Gamma type are used in the treatment of chronic granulomatous disease, while those of the alpha type are used to treat Melanoma, Kaposi's sarcoma, HIV, and genital warts. They are proteins, produced by leukocytes, which stimulate immune response. FTP, identify these substances, the body's main defense against viral infection.

Answer: Interferons

11.) His works include *Know Thyself*, *The Art of Political Lying*, and *The History of John Bull*, which established that figure as an embodiment of Britain. With Swift and Pope, he helped form the Scriblerus Club. Pope satirized John Hervey as the effeminate "Sporus" and Joseph Addison as "the Jealous Atticus," and defended his own work in an epistle to, FTP, which Scottish man of letters and court physician to Queen Anne, the creator of John Bull.

Answer: Dr. John Arbuthnot

12.) This people's origin myth claims they sailed in ships from the land of Hawaiki in the Middle Ages. In the 1860s, their chief warriors were the Hauhau, and these were later supplanted by the Ringatu, who survive today as a religious movement. After their final military defeat, many of this people retreated to King Country on North Island. FTP, name this indigenous people of New Zealand.

Answer: Maori

13.) Two Answers Required. They were first simultaneously observed in October 2001 and that viewing confirmed the theory that they were conjugates. The theory that the two were mirror images dates back to the realization that Cook's sighting of one coincided with a sighting of the other in Qing (Chee-ing), China. Both are caused by the descent of protons and electrons into the gasses of the atmosphere. FTP, identify these atmospheric phenomena, colloquially known as the

northern and southern lights.

Answer: Aurora Borealis and Aurora Australis (prompt northern and southern lights on an early buzz)

14.) It begins with a slow adagio but quickly proceeds to the main Allegro molto theme. The composer said that the skipping oboe melody in the second movement was meant to suggest prairie life waking gradually. The third movement, Scherzo: molto vivace, has evoked American Indian themes to some, but Czech merriment and dance to others. FTP, name this work of Antonin Dvorak, written in Spillville, Iowa.

Answer: New World Symphony or From the New World or Aus der Neuen Welt (Accept Symphony No. 9 in E minor or Opus 95)

15.) The first one opened in New Jersey in 1929, and is slated to be replaced by 2004. It was duplicated many times around the country with the construction of the Interstate system. Macintosh users might say "Command" instead of this word when using it to refer to a keyboard symbol. FTP, what lucky vegetation theoretically lets you get from one freeway to another without stopping?

Answer: Cloverleaf (Prompt on "interchange")

16.) Its most prominent proponent characterized it as a 'B'-requirement, as opposed to most other needs, which he called 'D' or Deficit ones. Whereas once 'D' needs are filled, they are no longer salient, this actually becomes stronger the more it is fed. He estimated that the term only applied to about two percent of the population, and that much of the world's problems were due to the deprivation of lower level needs that kept most people from achieving this step. FTP, identify this top portion of Maslow's hierarchy of needs.

Answer: Self-Actualization

17.) The last original member of this team to retire was Elbert Dubenion in 1968. The seventh franchise granted by the American Football League, their first draft pick was Richie Lucas and their first head coach was Buster Ramsey. Famous players have included Cookie Gilchrist, who once held the AFC's season rushing record, and Scott Norwood, he of the missed field goal in Super Bowl XXV. FTP, name this NFL team, whose first Hall of Famer was O.J. Simpson.

Answer: Buffalo Bills (accept either)

18.) Article Twelve stated that the U.S. would pay fifteen million dollars plus interest over the course of the next five years. Article Nine guaranteed the rights of freedom of religion to all the new residents who now lived in the U.S. Article Ten, which was abolished by Congress, would have assured that recipients of land grants from Mexico kept their lands. Article Twenty-Two outlined actions should war break out again. FTP, identify this 1848 document, the treaty that ended the Mexican-American war.

Answer: Treaty of Guadalupe Hidalgo

19.) They are composed of a metal ion and an agent. Because the agent is attached to the metallic ion by several bonds, they are generally more stable than monodentate ligands such as water. Porphine, one common agent, is the base for porphyrins, a class of these compounds that includes chlorophyll, vitamin B-12 and heme [HEEM]. FTP, name this class of chemicals, which can also be used in food and industry, and include the versatile E-D-T-A.

Answer: Chelates

20.) One character in this work is Thomas von der Trave, based on a friend and mentor of the author. The titular pastime attempts to synthesize math and music, art and science, and the active

and the contemplative. It is practiced in its highest form by elite, intellectual, secular monks. But even when Joseph Knecht achieves the rank of “Magister Ludi,” he doubts the virtues of pure intellect. FTP, identify the common English title of this 1946 Nobel-winning novel by Herman Hesse.

Answer: The Glass Bead Game or Das Glasperlenspiel (accept: Magister Ludi on early buzz)

21.) Its name is derived from Latin meaning “little red”, and it was isolated in 1962 by Parkman and Weller. Classified as a togavirus, it is most closely related to group A arboviruses such as Equine encephalitis. Research to develop a vaccine was spurred by a 1964 epidemic and the related rise in birth deformities, and only 270 cases of this acute infectious disease of children and young adults were diagnosed in the US in 2001. FTP, name this disease which has a European country’s name associated with it.

Answer: German measles or rubella

22.) A Hartford lawyer, he was a member of the Continental Congress during the American Revolution. His great service was at the Constitutional Convention, where he and Roger Sherman advanced the Connecticut Compromise, and he was also responsible for the term “United States” in the Constitution. FTP, name this politician, the third Chief Justice of the U.S.

Answer: Oliver Ellsworth

23.) Besides being NFL quarterbacks, Ken Stabler, Scott Mitchell, Cade McNown, Michael Vick, Mark Brunell, and Steve Young all possess a common trait. As a result, their receivers have to adjust to the spin of the ball, and they must rely on the right tackle for blind-side pass protection. FTP, name this common trait, possessors of which are often called southpaws.

Answer: Left-handedness (or obvious equivalents)

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Boni

1.) Is arithmetic computation truly unfashionable in schools, today? Let's find out FTP each.

A. If a positive number is expressed as a power of a certain base, this is the name given to that power.

Answer: Logarithm

B. What does one have to do with the logarithms of two positive numbers to obtain the logarithm of their product ?

Answer: Add them (accept equivalents)

C. In a log table, this is the name given to the integer part of a logarithm.

Answer: Characteristic

2.) Identify the Billy Joel song from lyrics FTPE.

A. "You've only had to run so far, so good, but you will come to a place where the only thing you feel are loaded guns in your face and you'll have to deal with..."

Answer: **Pressure**

B. "If I'm crazy then its true that it's all because of you and you wouldn't want me another way."

Answer: **You May Be Right** (I May Be Crazy)

C. "I'm not sure about a life after this. God knows I've never been a spiritual man. Baptized by the fire, I waded into the river that runs to the promised land."

Answer: The **River of Dreams**

3.) Identify these pieces of federal economic legislation.

A. A 1930 attempt to lessen the Depression's effect on Americans, it was replied to with counter-tariffs which worsened the situation.

Answer: **Hawley-Smoot** Tariff Act

B. This 1890 act was the first piece of federal legislation on trusts and made illegal every contract, combination, or conspiracy in restraint of interstate or international commerce.

Answer: **Sherman** Anti-Trust act

C. 1936, Congress passed this supplement to the Clayton Anti-Trust act, which banned interstate distributors from changing prices of the same items. It was also known as the Anti-Chain-Store Act.

Answer: **Robinson-Patman** Act

4.) Given a fictional locale, identify the author who created that locale FTP

A. The Republic of Gilead

Answer: Margaret Eleanor **Atwood** (in *The Handmaid's Tale*)

B. The Republic of San Lorenzo

Answer: Kurt **Vonnegut**, Jr. (in *Cat's Cradle*)

C. Galt's Gulch

Answer: Ayn **Rand** (in *Atlas Shrugged*)

5.) Identify the device 30-20-10-5.

30 - The Nernst equation helps govern them and they commonly use electrolytes such as phosphoric acid and molten carbonate.

20 - They are currently employed at about 150 landfills, where they disassemble methane as a source for their fuel and simultaneously produce energy.

10 - The basic principle involves the combination of hydrogen and oxygen to produce water, heat and electricity.

5 - This alternative power source has been discussed much, recently, due to the White House's support of research for it.

Answer: **Fuel Cell**

6.) Identify the opera based on a short synopsis FTPE. You will receive 5 points if you need the composer.

A) 10 - The titular character invokes the virgin Mary to escape from Venusberg and promptly falls in love with Elizabeth. Still inspired by Venus he praises physical love and is forced to make a pilgrimage to Rome to seek forgiveness; a trip that proves fatal to Elizabeth and himself.

5 - Richard Wagner

Answer: **Tannhäuser** (Tahn-hoiser)

B) 10 - Much of the plot focuses on the play within the opera, the simultaneous performance of a comedia dell'arte troupe and an operatic version of a Greek tragedy and the attempts by actors and clowns to one-up each other.

5 - Richard Strauss

Answer: Ariadne Auf Naxos (Ariadne on Naxos)

C) 10 - The adventures of a "serpent" who snares all those around her into evil deeds, the title character marries a rich elderly doctor, a painter, a younger doctor, and a composer before she murders Dr. Schön. After an escape from jail, she becomes a prostitute and is killed by Jack the ripper.

5 - Alban Berg

Answer: Lulu

7.) Answer the following relating to the collapse of the Roman Republic 5-10-15.

A) 5 - Although the republic had been in trouble for years, its death knell came in 49 BCE with Caesar's celebrated crossing of this river

Answer: Rubicon or Fiumicino (accept Pisciatello or Uso)

B) 10 - First, all or nothing, name all three members of the first Triumvirate

Answer: Julius Caesar, Marcus Crassus, and Gnaeus Pompeius Magnus or Pompey

C) 15 - Caesar's crossing of the Rubicon violated this Roman law against generals leading their armies out of their assigned provinces

Answer: Lex Cornelia Majestatis

8.) Identify the following related plays FTPE:

A. The three-part Freudian adaptation of the "Orestia," it deals with the trials and tribulations of the Mannon family at the end of the civil war.

Answer: Mourning Becomes Electra

B. Partially autobiographical, it deals with Edmund Tyrone, and his relationships with his failed actor father, morphine-addicted mother, and dissolute older brother.

Answer: Long Day's Journey into Night

C. Based on the story of Hippolytus, it sees Abbie Cabot seduce her son Eben in order to conceive, only to smother the child to prove her love to Eben.

Answer: Desire under the Elms

9.) Identify these bodies of water near the Baltic Sea FTPE.

A. Roughly all the water north of the Island of Aland, it is the portion of the Baltic that separates Sweden and Finland.

Answer: Gulf of Bothnia

B. This small inlet borders on Estonia and Latvia and is bounded by the island of Saaremaa.

Answer: Gulf of Riga

C. Two straits combine to connect the Baltic sea with the North sea. Name either.

Answer: Skagerrak or Kattegat

10.) Pencil and paper ready: assume we are in a perfect Newtonian world where acceleration due to gravity is 10 meters per second per second and there is no air to provide resistance. Consider someone holding a 2 kilogram ball at the top of a 20 meter high building. They then drop the ball. Consider the following FTPE and 10 seconds per part.

A. To the nearest Joule, what will the kinetic energy of the ball be (in Joules) when it hits the earth?

Answer: 400 Joules

B. How long after the release, to the nearest tenth of a second, will the ball hit the earth?

Answer: 2.0 seconds

C. Instead of the ball being dropped straight down, it is fired from a canon, with its barrel held horizontal, at 7.5 meters per second. The ball lands in a lake. What is the total distance (to the nearest meter) from the ball's point of origin atop the roof to its entry into the lake?

Answer: 25 meters

11.) Identify the following concerning ancient Greek and Roman religion.

A. It was one of the most famous religious festivals in Ancient Greece. We actually know very little about it, but we can assume there were readings or ritual enactments of the stories surrounding Persephone's abduction.

Answer: Eleusinian Mysteries (accept Mysteries at Eleusis)

B. At the Cerealia, the Romans invoked not only Ceres, but also this spirit, whose name literally means "mother earth", and was seen as the embodiment of the soil.

Answer: Tellus Mater

C. Along with numina, the Romans highly honored these two groups of spirits. One represented past ancestors, while the other was the protector of the house and the bounty of the cupboards. Aeneas brought the latter with him from Troy. Identify either.

Answer: Lares and Penates ([LAR-ayz] and [pen-AH-tayz])

12.) Name these 20th-century Prime Ministers of Canada, FTP each:

A. This Conservative was Prime Minister of Canada during World War I.

Answer: Sir Robert Laird Borden

B. This 1957 winner of the Nobel Peace Prize was Prime Minister during the adoption of the Maple Leaf flag and the introduction of the national pension plan.

Answer: Lester Bowles Pearson

C. This flamboyant Liberal oversaw the passing of the Constitution Act of 1982, which gave Canada the right to amend its own Constitution.

Answer: Pierre Elloitt Trudeau

13.) Answer the following about homosexuals in politics, FTP each.

A. This Wisconsin congresswoman made history in 1999 by being the first lesbian House member.

Answer: Tammy Baldwin

B. Klaus Wowereit became mayor of this city in 2001 after declaring "I'm gay and that's a good thing" at his nominating convention.

Answer: Berlin, Germany

C. President George W. Bush's appointment of this openly gay man to the head of the Office on National AIDS policy raised eyebrows among Republicans and Democrats alike.

Answer: Scott H. Evertz

14.) Name these figures who struggled to reform the Catholic church. FTPE.

A. This Florentine monk organized the "bonfire of the vanities" in an attempt to curb impiety.

Answer: Girolamo Savonarola

B. He was appointed inquisitor general of Castile and Aragón, and is the most famous figure of the inquisition in general.

Answer: Tomas de Torquemada

C. A contemporary of Luther, he was the "People's Priest" of Zurich. He taught that no one should practice or believe anything that was not explicitly stated in the old and new testaments.

Answer: Ulrich (or "Huldreich") Zwingli (accept Zwingle)

15.) Identify the following works of African fiction from a description F15PE, or from the author for 5.

A. 15 - This trilogy focuses on the tyrannical patriarch Ahmad along with his wife Amina, and his five children and is set during the early decades of the twentieth century.

5 - Naguib Mafouz

Answer: The Cairo Trilogy

B. 15 - Set in the fictional country of Kangan, it follows three friends, Ikem, Chris, and Beatrice, as they interact with "His Excellency, the self-appointed leader of the country following a coup."

5 - Chinua Achebe

Answer: Anthills of the Savannah

16.) Give the Latin legal terms from a translation and description FTPE.

A. Meaning "friend of the court", these are briefs filed by groups that are neither plaintiff nor defendant in cases that will set a precedent in areas relating to their field.

Answer: amicus curiae

B. Literally "not in control of the intellect", it describes someone who is legally insane.

Answer: non compos mentis

C. Meaning "to be more sure", this writ is filed to review the action of a lower court or administrative tribunal to be sure that the matter was dealt with regularly and completely.

Answer: writ of certiorari

17.) Roll dem bones and answer the following questions for ten points each:

A. In Monopoly, where would a player land after rolling two sixes with her piece on Go?

Answer: Electric Company

B. In Parcheesi, how many combined spaces would a player move if he rolled two sixes with all four pawns in play?

Answer: 14

C. In Yahtzee, what is the maximum score that can be tallied under Chance, under joker rules?

Answer: 30

18.) Given an organism, identify the phylum to which it belongs, F5PE and a 5 pt. bonus for all 5.

A. *Ascaris lumbricoides*, a common flatworm

Answer: Nematoda or Nematodes

B. *Lumbricus terrestris*, the common earthworm

Answer: Annelida or Annelids

C. *Loligo pealei*, a squid

Answer: Mollusca or Mollusks

D. *Oreaster reticulatus*, the Bahaman starfish

Answer: Echinodermata or Echinoderms

E. *Latrodectus mactans*, the black widow Spider

Answer: Arthropoda or Arthropod

19.) 30-20-10-5 Identify the artist from works.

For 30: The Wine Market, Boy with the Red Vest

For 20: The House Of The Hanged Man, Ward Four at Auvers

For 10: The Card Players Series, the Bathers Series

For 5: The Mont Sainte-Victoire series

Answer: Paul Cézanne

20.) Given a fictitious literary figure, name his French creator F5PE and an extra 5 for all 5

A. Orgon

Answer: Moliere or Jean-Baptiste Poquelin (in *Tartuffe*)

B. Caderousse

Answer: Alexandre Dumas, pere or the Father (in *The Count of Monte Christo*)

C. Claude Frollo

Answer: Victor-Marie **Hugo** (in *The Hunchback of Notre Dame*)

D. Fabrizio del Dongo

Answer: **Stendhal** or Marie Henri **Beyle** (in *The Charterhouse of Parma*)

E. Meursault

Answer: Albert **Camus** (in *The Stranger*)

21.) Identify these quantum numbers, FTP each:

A. In a hydrogen atom, the energy depends only on this quantum number, whose value is a natural number.

Answer: **n** or **principal** quantum number

B. Its possible values for a given value of n are zero to n-1.

Answer: **l** or **orbital** quantum number

C. For an atomic electron, its value is always 1/2.

Answer: **s** or **spin**

22.) Name these art movements popular in the 1950s and '60s, F15P each:

A. An impromptu situation or performance, often designed to create audience participation. An Allan Kaprow work featured 18 of these in 6 days.

Answer: **Happenings**

B. Concerned with visual effects and illusions, many works of this style are in black and white, and exemplary painters include Albers, Vasarely, and Bridget Riley.

Answer: **Op Art** or **Optical Art**

23.) Name the nation from leaders past and present, 30-20-10.

A. 30 - Manuel Montt and Carlos Ibanez del Campo

B. 20 - Eduardo Frei Montalva, Patricio Aylwin, and Ricardo Lagos

C. 10 - Salvador Allende and Augusto Pinochet

Answer: **Chile**