

8th annual Juan Carlos Viscerra Memorial Tournament

Round 5

Maryland B

TOSSUPS

1.)Gannymede and Aliena buy a sheep farm from Corin and take up quiet lives as shepherds. Oliver de Boys is sent by Frederick to look for his missing brother. Along the way, he meets and falls in love with Aliena. FTP, all of these happen in what Shakespeare comedy that takes place in the Forest of Arden and stars Orlando and Rosalind?

ANSWER: As You Like It

2.)They are formed of undulating collagen fibers that run in parallel to each other and are tightly packed together. Some of them are round and some are flattened, but they all lack elasticity. They get strained, not sprained, and one disease of them, de Quervain's syndrome, can be treated with cortisone injections and immobilization. FTP, name this type of tissue which connects muscle to bone, the most famous of which is the Achilles in the heel.

ANSWER: Tendon

3.)Nothing remains of this ancient city at its original location. It was an important religious and political center until about 330 B.C, with important monuments including the temple of Ptah, palace of Apries, and two huge statues of Ramses II. King Menes founded the city and made it his capital around 3100 B.C. FTP, name this city, near which the pyramids at Giza and Sakkara stand as reminders of its past glory.

ANSWER: Memphis

4.)Its first movement was longer than any other previously composed, and the Development was one hundred bars longer, featuring a stretch of off-beat accents on a dissonant harmony. In the Recapitulation, one horn announces the return 4 bars too early, and the Coda is almost as long as the first movement. FTP, name this symphony, to whom Beethoven originally dedicated to Napoleon.

ANSWER: Symphony No. 3 (accept Eroica)

5.)He was born around 1618 in County Clare, and spent most of his early life in England. He was an officer in the Cromwellian army, probably doing espionage during the Civil War. After the restoration his lands were confiscated, he began a career of skullduggery that included two attempts to kidnap the Duke of Osmond and a daring rescue of his friend Captain Mason. FTP, name this Irish adventurer, most famous for his failed attempt to steal the Crown Jewels.

ANSWER: Thomas Blood

6.)In 1536, Gonzalo Jiménez de Quesada ascended the Magdalena River, subdued the

Chibcha, and named it a kingdom. In 1538, Santa Fé was founded, and this was named a presidency in 1564. Disputes with Lima in 1717 led to the creation of this viceroyalty comprising Colombia, Ecuador, Panama, and Venezuela; and in 1819, it broke away from Spain. FTP, name this former country, named a republic in 1830 after Venezuela and Ecuador seceded, then renamed the Republic of Colombia in 1886.

ANSWER: New **Granada**

7.)He received a Bachelor of Science degree in Aeronautical Engineering from the University of Minnesota, Minneapolis, in 1949. As a B-25 pilot with the 340th Bombardment Group, he flew 56 combat missions in Europe. In November 1963, he resigned his commission as an Air Force Major to assume the role of Director of Flight Crew Operations. FTP, name this man who was one of the original Mercury Astronauts, but did not go into space until the Apollo Program due to a heart condition.

ANSWER: Donald "Deke" **Slayton**

8.)Rising in Las Animas County, in the 1800s, the south side of its valley was followed by pioneers heading west on the Fort Smith-Santa Fe Trail. The largest lake in Oklahoma, the Eufaula Reservoir, is formed near its confluence with the Arkansas River, and in north Texas, it is part of the Lake Meredith National Recreation Area. FTP, name this 906-mile-long river, that flows just north of Amarillo and just south of Oklahoma City, an despite its name, is located in the US.

ANSWER: **Canadian** River

9.)In this philosophy, thought is considered an instrument for achieving a human organism's life aims, and has no metaphysical significance. Its principles were first developed by C.S. Peirce around 1878. Other proponents have included Richard Rorty, William James, and John Dewey. FTP, name this philosophy in which the truth of a proposition is measured by its correspondence with experimental results and by its practical outcome.

ANSWER: **pragmatism**

10.)Supply and demand are completely independent of each other, and value will be the actual price after an adjustment period. Pioneered in the late 19th century by Neoclassicists, including Walras, Jevons, and Menger; it developed out of Ricardo's theory of rent, and asserts that increasing cost industries were the norm. FTP, name this economic theory that explains why our 20th beer of the evening brings less pleasure than the 19th.

ANSWER: **Marginal** Theory of **Value**

11.)Also called the Kipchak Khanate, it had its capital first at Sarai Batu near Astrakhan on the lower Volga, and later at Sarai Berke on the Volga near present-day Volgograd. In the early 14th century this empire adopted Islam as its official religion. FTP, name this empire in Russia established by Batu Kahn and named because of its beautiful tents of the capital city along the Volga River.

ANSWER: **Golden Horde**

12.) Involving petty intrigues, schemes, deceits, and flirtations, it detailed three social factions, each headed by a royal lady, one of them Catherine de Medici, wife of King Henry II. Unlike other works of the time, it foreshadows the views of the rising bourgeoisie rather than the aristocracy, and extols a view of marriage based on true love. FTP, name this novel by Madame de Lafayette, published in 1678, considered the first great French novel of analysis.

ANSWER: **Princess of Cleves**

13.) This condition is most often caused by a stroke. When Samuel Johnson suffered attacks of it, he mentally translated prayers into Latin in order to convince himself he wasn't losing his mind. One type originates in Wernicke's area and consists of constant talking that conveys no information; in this type, the ability to understand speech is severely impaired. Another type originates in Broca's area and people with this type are unable to find the words that they want to say. FTP, name this psychological impairment of language.

ANSWER: **Aphasia**

14.) Examples include Prospector, used to analyze geological data, and Internist, a diagnostic tool. Their basic components are an inference engine, a problem-specific knowledge base, and a user interface. For ten points, what is this type of artificial intelligence program used to solve problems that would ordinarily require a knowledgeable human?

ANSWER: **expert system**

15.) This relief sits below a free-standing sculpture of its main figure at Or San Michele in Florence. A tree in the background is just barely above the back of the relief. This is the first use ever of *rilievo schiacciato*, in which reliefs are carved very thinly so that they protrude very little. FTP, name this sculpture by Donatello in which the main character kills a mythical beast.

ANSWER: **"Saint George and the Dragon"**

16.) His incredible vision allowed him to see thousands of *li* away and probe the disguises of demons. His extraordinary hearing picked up everything that came through the wind. A master of transformation, this trickster god accidentally swallowed Wang Mu-yang's peaches of immortality. Always hungry, he was the first disciple of the Tang priest in *Journey to the West*. FTP, name this Chinese folk deity, whose weapon was a long, magical stick.

Answer: the **Monkey King** or **Sūn Wu-kong**

17.) He was the son of a prosperous German chemical merchant, and worked for his father for a time after his education. His lesser-known work includes studies of fuel cells, the electrolysis of crystalline salts, and free energy measurements. He is infamous for his contributions to chemical warfare—he directed the first large scale use of chlorine gas at Ypres in 1915. FTP, name this chemist best known for his technique for producing ammonia.

ANSWER: Fritz **Haber**

18.)She looks to school as a deliverance from her life of hardship and abuse, but finds a continuance of her troubles in the lack of food and of adequate clothing, and in her fear of what may be said by the administrator, Mr. Brocklehurst. She finds comfort, however, in her friendships with Helen Burns and with Miss Temple, the superintendent. FTP, who is this heroine who goes on to become a governess and marry Mr. Rochester?

ANSWER: **Jane Eyre**

19.)He taught at Rostock and Kiel before he became professor of the philosophy of inductive sciences at the University of Vienna. He was influenced by Ludwig Wittgenstein and Rudolf Carnap. His works include General Theory of Knowledge and Problems of Ethics. FTP, name this philosopher who was the leader of the Vienna Circle.

ANSWER: Moritz **Schlick**

20.)This principle shows that the classical voiceless stops (*k,t,p*) in Latin evolved to voiceless aspirates (*h,th,f*) in English and mediae (*h,d,f*) in German, such as the Latin *frater*, English *brother*, German *Bruder*. It shows that a process-the regular shifting of consonants in groups-took place in the development of English and the other Low German languages. FTP, name this law, formulated in 1822 by its namesake, a German better known for his folk tales.

ANSWER: **Grimm's Law**

21.)This political group had called for the Green Bay Packers to be renamed the Six-Packers. Recently they handed out old fur coats to the homeless. The logic the group used in giving the homeless the coats was that the animals were already dead and the homeless needed to be warm. FTP, name this group concerned with the treatment of animals.

ANSWER: **People for the Ethical Treatment of Animals** demonstration (accept **PETA**)

22.)It was first observed by Galileo in 1613, but he believed it to be a star. It was not seen again until it was discovered by Galle and D'Arrest in 1846 based on independent calculations by Adams and Le Verrier. It has only been visited once, by Voyager II, in 1989. FTP, name this planet whose largest moon is Triton.

ANSWER: **Neptune**

23.)On January 11, 1980, the temperature in Great Falls, Montana, rose a record 47 degrees in seven minutes from negative 32 degrees F to 15 degrees F as the result of one of these. When air falls down a mountain, it compresses adiabatically, causing a temperature increase, and often a rapid snowmelt. Known as Chinook winds in Montana and the Santa Ana winds in California, FTP, name these warm, dry winds.

ANSWER: **Foehn** winds (acc. CHINOOK before mentioned)

24.)Born on the anarchic Turkana Colony, she and her sister Ishara parted ways when she, at 15, escaped and chose to pursue a career in Starfleet. While participating in a rescue mission on Vagra II in 2364, she was wantonly attacked by Armus, an entity

comprising all the evil impulses of a race of vanished beings, and died, but returned to life in an alternate universe. FTP, name this first security officer of the USS Enterprise-D.
ANSWER: Natasha "Tasha" **Yar**

25.)In this short story, an exercise in dialogue, the two main characters remain nameless. They are waiting at a station in the Spanish countryside for a train to Barcelona. While waiting, they sit and drink beers and the man tries to convince the woman that this trip will remove all of the unpleasantness in the relationship. FTP, name this short story by Hemmingway whose title refers to the look of the surrounding area.
ANSWER: **"Hills Like White Elephants"**

26.)Sony has announced that by the end of 2003, they will use them as field emitters for a flat panel television. In 2001, IBM placed gates on them, making them transistors in the world's most efficient logic circuit. Easy to fabricate from a high voltage discharge in the presence of hydrocarbons, they were not isolated until the 1990s, when their remarkable mechanical and electrical properties quickly made them the object of worldwide research. FTP, what are these narrow, rod-shaped objects?
Answer: Carbon **Nanotubes**

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BONUSES

1.)Name the Emily Dickenson poem from lines FTSNP.

a. For 5, "The Carriage held but just Ourselves - and Immortality."

ANS: **"Because I Could Not Stop for Death"**

b. For 10, "How public, like a frog / To tell your name the livelong day / To an admiring bog!"

ANS: **"I'm Nobody-Who Are You?"**

c. For 15, "Their coming back seems possible / For many an ardent year."

ANS: **"The Distance That the Dead Have Gone"**

[Science]

2.)Name the subatomic particle from clues FTPE:

a. It is the lightest of the meson family, and comes in charged and uncharged variants.

ANS: **pi meson** or **pion**

b. One of the decay products of the pion, this particle was originally thought to be a meson but is now classed as a lepton. It is identical to an electron except in mass and stability.

ANS: **muon**

c. The other decay product of the pion, this class of lepton has a very tiny mass, and interacts only very weakly with other particles, making it hard to detect.

ANS: **neutrino**

3.)Answer these questions about naval warfare during the U.S. Civil War FSNP.

a. For 10, this Confederate Naval Officer was purchasing ships in England during the war.

ANSWER: James D. **Bulloch**

b. For 5, in 1862 James Bulloch contracted through Laird Brothers for two of this type of ship.

ANSWER: **ironclad**, **ram**, or equivalent

c. For 15, this man was the Union minister to Britain that convinced the British government to seize the two ironclads.

ANSWER: Charles Francis **Adams**

4.)Name the neuron parts from clues FTPE.

a. This is the term for the cell body of a neuron.

ANS: **Soma**

b. This is the part of the axon where it synapses with the dendrite of another neuron.

ANS: **Terminal** button

c. This area, where the soma joins the axon, is the trigger zone for action potentials.

ANS: Axon Hillock

5.) Identify the following about the French Republics, FTPE

a. Within one year, in what year did Napoleon declare himself emperor, ending the First Republic?

ANS: 1804 (accept 1803-1805)

b. This Republic ended when the National Assembly voted full powers to Petain in 1940.

ANS: the Third Republic

c. This crypto-fascist wants to set up an ethnically exclusive "Sixth Republic", though his right wing National Front has faded from the political scene lately.

A: Jean-Marie le Pen

6.) Identify these musical terms beginning with the letter "H" FTPE.

a. This is a rhythmic relationship stressing a 3 to 2 ratio, such as the superposition of a 3/2 accent pattern on a 3/4 meter.

ANS: Hemiola

b. This is a three-stringed instrument attached to a keyboard, where the bowing action is replaced by a side wheel crank; it's also called a "wheel fiddle."

ANS: Hurdy Gurdy

c. This is a musical texture, consisting of one melody plus accompaniment.

ANS: Homophony

7.) There used to be things in Sudan that were worth a damn. Name these 5-10-20-30.

a. Occasionally a client state of Egypt, this northern Sudanese civilization, centered at Karmah, occupied the land beyond the first cataract of the Nile.

A: Kush

b. From the 8th century BCE to 590 BCE, when it was sacked by the Egyptians, Kush was ruled from this city, dedicated to Ra.

A: Napata

c. After the sacking of Napata, Cush was ruled from this city by rulers maintaining pharaonic tradition.

A: Meroe

d. The kingdom of Meroë declined with the expansion of this northern Abyssinian state, finally falling to it in CE 350.

A: Axum

8.) Name these channels, FTSNOP:

A. FTP, the Comoros are in this channel between Madagascar and the African mainland.

Answer: Mozambique Channel

B. F15P, it is between the Pembrokeshire coast of Wales and Carnsore Point, Ireland.

Answer: St. George's Channel

C. F5P, the Channel Islands of Jersey and Guernsey are in this channel.

Answer: English Channel

9.) Name these characters from The Master and Margarita, by Mikhail Bulgakov, FTPE.

a. This is the name taken by the devil while he is in Moscow.

ANSWER: **Woland**

b. He is an enormous black cat who walks on his hind legs.

ANSWER: **Behemoth**

c. This is the name for Jesus Christ in the book that the Master writes.

ANSWER: **Yeshua Ha-Notsri** (accept either)

10.) Answer these questions about the Church of Scientology on a 5-10-15 point basis.

a. FTP, where are the headquarters?

ANSWER: **Clearwater**, Florida

b. For 5, in what book did Hubbard first put forward the beliefs of Scientology?

ANSWER: **Dianetics: The Modern Science of Mental Health**

c. F15P, the goal of Scientology, other than to spend lots and lots of money, is to become an "O.T." What does OT stand for?

A: **Operating Thetan**

11.) Name the British poet from works 30-20-10.

(30) "Lamia," "Isabella"

(20) "To Autumn," "On Seeing the Elgin Marbles"

(10) "On First Looking Into Chapman's Homer"

ANSWER: John **Keats**

12.) Identify these female mathematicians FTPE:

a. She wrote under the pseudonym M. LeBlanc, and carried on correspondence with Legendre and Gauss. Her most famous work was on Fermat's Last Theorem.

ANS: Sophie **Germaine**

b. The daughter of Lord Byron, she is famous for a paper describing how Babbage's analytical engine could be used to find Bernoulli numbers. A computer language is named for her.

ANS: Augusta **Ada Lovelace**

c. This German's eponymous theory in theoretical physics proves a relationship between symmetries and conservation principles. A class of algebraic rings also bears her name.

ANS: Emmy **Noether**

13.) Answer these questions about nuclear waste FTPE.

a. Spencer Abraham has suggested that this controversial Nevada facility be completed on schedule.

ANSWER: **Yucca Mountain**

b. In what year should Yucca Mountain be completed?

ANSWER: **2010**

c. This Senate majority whip, a Democrat from Nevada, is strongly opposed to Yucca Mountain.

A: Harry **Reid**

14.) Name the Impressionist painters from clues, 5-10-15.

a. For 5, in 1869, he began working with Monet on the effects of light and shadow on colors, but he is better known for later paintings such as "The Luncheon of the Boating

Party”.

ANS: Pierre-Auguste **Renoir**

b. The purest of the landscape painters, works of his include “The Canal” and “Boating During the Flood”.

ANS: Alfred **Sisley**

c. For 15, the other Impressionist woman besides Mary Cassatt, she married Manet’s younger brother and painted such works as “The Harbor at Cherbourg”.

ANS: Berthe **Morisot**

15.)Identify the atomic element, 30-20-10.

a. 30. It is a dark grey or purple-black solid at room temperature. When heated, it sublimates instead of melting.

b. 20. It is commonly used to test for the presence of starch, which turns blue-black in its presence. Lack of this element in the diet can cause goiter.

c. 10. It is the least active of the stable halogens, atomic number 53.

ANS: **iodine**

16.)Answer these questions about wind gods on a 5-10-15 basis.

a. For 5, he controlled the storm that destroyed the Persian fleet sailing against Athens.

ANSWER: **Boreas**

b. For 10, he is handed over as a hostage and becomes the pledge of truce between the Vanir and Aesir.

ANSWER: **Njord**

c. For 15, this Hindu god of the winds became the guardian of the northwestern quarter.

ANSWER: **Vayu**

17.)F5PE, given a 2001-2002 season bowl game, name the 2 participating universities, the winning team first:

a. Sugar Bowl

A: **Lousiana State University, Illinois**

b. 989 Sports Seattle Bowl

A: **Georgia Tech, Stanford** University

c. Wells Fargo Sun Bowl

A: **Washington State, Purdue**

18.)Identify the book of the Torah or Bible given the book before it and the book after it, FTSNP

a. For 5, Matthew, Luke

ANS: **Mark**

b. For 5, Genesis, Leviticus

ANS: **Exodus**

c. For 10, Leviticus, Deuteronomy

ANS: **Numbers**

d. For 10, Deuteronomy, Judges

ANS: **Joshua**

19.)FTSNOP, name the archaeologist:

a. FTP, in the 1890s he served with the Egyptian Exploration Fund, and with Lord Carnarvon, successfully excavated the tombs of Tutankhamen and Thutmose IV in the

Valley of the Kings.

ANS: Howard Carter

b. F15P, from 1900 to 1935 he conducted excavations on Crete and discovered the first remains of the Minoan civilization, then derived a Minoan chronology and reconstructed the Palace of Minos at Knossos.

ANS: Sir Arthur John Evans

c. F5P, this German related every object he found to the verses of Homer, was the first to discover archaeological remains of a Homeric civilization at Hissarlik in 1871, and also discovered the ruins of Troy.

ANS: Heinrich Schliemann

20.)FTPE, answer these questions about the Battle of Stalingrad.

a. On what date did the last German troops surrender?

ANSWER: February 2, 1943

b. He was the commanding the Soviet forces at the battle.

ANSWER: General Vasily Zhukov

c. He was the first German Field Marshall ever to surrender.

ANSWER: General Friedrich von Paulus

21.)FTPE, given designs, name the American architect

a. Loyola Law School, 1981; Weisman Museum of Art, Minneapolis, 1993; Guggenheim Museum, Bilbao, Spain, 1997.

ANS: Frank Gehry

b. Patent Office and Post Office, Washington, DC, 1839; Washington Monument, 1833.

ANS: Robert Mills

c. Lambert-St. Louis air terminal, 1951; World Trade Center, New York, with Emery Roth, 1973.

ANS: Minoru Yamasaki

22.)Given a short story, name the Asian woman who wrote it, 5-10-15.

(5) "Rules of the Game"

Amy Tan

(10) "My Father's Chinese Wives"

Sandra Tsing Loh

(15) "The Several Blessings of Wang Ta-nien"

Hua-Ling Nieh

23.)For 10 points each, name these archipelago nations:

A. Also known as the Republic of Divehi Jumhuriya, this compilation of some 1,200 islands lies about 400 miles southwest of Sri Lanka in the Indian Ocean.

Answer: Republic of Maldives

B. With over 70 islands, including Espiritu Santo, Malekula, and Efate, this Melanesian nation was once the New Hebrides. It is located between the Solomon Islands and New Caledonia.

Answer: Republic of **Vanuatu**

C. Comprised of 700 tropical coral islands and over 1,000 cays, this Caribbean nation contains the island of San Salvador-or Watling Island-where Columbus first landed in 1492.

Answer: Commonwealth of the **Bahamas**

24.)Answer the following about the geography of Jonathan Swift's *Gulliver's Travels*, FTSNP.

a. For 5, this was the 7800-yard-diameter floating island.

ANS: **Laputa**

b. For 5, this is the island Laputa floated around and above, home of the Grand Academy and the Projectors.

ANS: **Balnibarbi**

c. For 10, meaning the Island of Sorcerers, here Gulliver called up deceased historical figures.

ANS: **Glubbdubdrib**

c. For 10, this island was the home of the immortal Struldbruggs.

ANS: **Luggnagg**

25.)FTPE given the former XFL star, name the NFL playoff team he played for this year.

a. Rod "He Hate Me" Smart

ANSWER: **Philadelphia Eagles** (accept either)

b. Tommy Maddox

ANSWER: **Pittsburgh Steelers** (accept either)

c. Jose Cortez

ANSWER: **San Francisco 49ers** (accept either)

26.)Identify the following men FTPE, whose first names are all equivalent to "John" in some language.

a. He was active in the IRA and was a founding member of Amnesty International. He won the Nobel Peace Prize in 1974.

ANS: Sean **MacBride**

b. He led a band of smugglers and privateers operating out of New Orleans in the early 1800s. His men fought against the British in the Battle of New Orleans during the War of 1812.

ANS: Jean **Laffitte**

c. This Spanish explorer was the first westerner to reach Florida, where he was mortally wounded by an arrow.

ANS: Juan **Ponce de Leon**