

NEW TRIER SCOBOL SOLO 2010

ROUND 4

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1. The first postcolonial President of this country was Mutesa II thanks to its monarchist party Kabaka Yekka, but he was exiled to Britain a few years after Britain granted this nation its independence. The next President wrote a Socialist pamphlet titled *The Common Man's Charter*, and his order to arrest the Army Chief led to a coup when that President was in Singapore. The next leader of this country expelled most Asians, declared himself Conqueror of the British Empire, allowed Palestinian hijackers to use Entebbe (en-TEB-bee) Airport, and attempted to invade Tanzania (tan-za-NEE-uh). Eventually, Yoweri Museveni (moo-say-VEH-nee) brought stability to this country. Name this East African nation that has been ruled by Milton Obote (o-BOA-tay) and Idi Amin (EE-dee ah-MEEN) whose capital is Kampala.

ANSWER: Uganda

2. This product was the outcome of a suggestion made by John Reynolds at the Hampton Court Conference, which convened after the submission of the Millenary Petition. Building upon earlier work by William Tyndale, Myles Coverdale, and Edward Whitchurch, forty-seven men worked on this project, with the work divided between Westminster, Cambridge, and Oxford. This work did not go through a major revision for well over two hundred years until the late nineteenth century. Name this religious translation of Hebrew and Greek texts into English made after the death of Queen Elizabeth.

ANSWER: Authorized King **James** Version of The Holy Bible [or **KJV**; accept anything reasonable that mentions King **James**; prompt on Authorized Version or King's Bible]

3. In this play, one of the characters says that the Duke of Saxony's nephew is sober in the morning and drunk in the afternoon, that the County Palatine does nothing but frown, and that the Neapolitan prince does nothing but talk of his horse; that character also writes a note which states, "All that glisters is not gold." After the title character of this play tries to figure out why he is sad in a conversation with Salarino and Salanio, he is approached by Bassanio with a request for a loan. Bassanio eventually gets the loan from a character who asks, "Hath not a Jew eyes?" Identify this Shakespeare play in which Bassanio is able to court Portia once Antonio guarantees a loan from Shylock.

ANSWER: *The Merchant of Venice*

4. The building on the right side of this painting appears to be a cathedral, and the bright clouds in its center are contrasted by dark triangles in the upper corners. Some people believe that the man wearing a top hat in this painting and holding a gun with two hands is the artist himself. This picture also shows a person wearing a blue jacket with a red sash looking up at the central figure and a boy waving two pistols, in addition to at least two dead bodies on the bottom of the painting, one dressed as a soldier and one missing some clothing. The central figure, the legendary Marianne, is holding a bayoneted musket in one hand and a flag in the other. Name this painting celebrating the July Revolution of 1830 as an extension of the French Revolution by Eugène Delacroix (deh-luh-KWAH).

ANSWER: Liberty Leading the People [or *La Liberté guidant le peuple*]

5. When a sample size equals one mod four, this value is equal to the H-Spread, or the difference between the hinges. In a normal distribution, this value is supposed to equal approximately 1.35 times the standard deviation, covering about two-thirds of a standard deviation both above and below the mean, and, like the median absolute deviation, this statistic is robust. This value is represented as the width of the box in a boxplot. Name this statistic which is calculated by subtracting the the median of the lower half of a data set from the median of the upper half.

ANSWER: interquartile range [or IQR; do not accept or prompt on “range”]

6. This nation protested Nazi anti-Jewish measures in The Strike of February 1941, it suffered a famine in 1944 known as The Hunger Winter, and its government in exile was headed by Pieter (PEE-ter) Gerbrandy. This nation controlled what is now Indonesia and Suriname, and it shared its head of state with Luxembourg until 1890, when its throne passed to Queen Wilhelmina (vil-hel-MEE-nuh). Many of the people who went on the Great Trek were descended from this nation, and it had many ties to the Boers (bors) in South Africa. Name this low-lying nation that houses the International Criminal Court and that split with Belgium in 1830.

ANSWER: Kingdom of the Netherlands [or Koninkrijk der Nederlanden; prompt on Holland; prompt on answers mentioning Dutch]

7. Due to violations of special relativity, this concept fails around atomic number 173. In 1990, the IUPAC changed the numbering of groups to better reflect this concept, which explains the increased shielding of nuclear charge across a period. Madelung’s (mah-DEH-loongz) rule determines order in this concept, while copper and chromium are notable exceptions to it, since both lack full *s* orbitals in their electron configurations. Forcing three-*d* orbitals to be filled after four-*s* orbitals, name this principle whose name comes from the German for “building up”, and which requires electrons to enter atomic orbitals in a pattern that minimizes the total potential energy.

ANSWER: Aufbau principle [accept building-up principle before it is mentioned]

8. The Center for Security Policy calls this doctrine “the Threat To America”, and it is the goal of three men in England who burned poppies during the Armistice Day silence. Newt Gingrich called for a national ban on this system even though it is already banned by the First Amendment, and Nevada Senate candidate Sharron Angle expressed concern that this system is used in Dearborn, Michigan as well as a Texas town that does not exist. Through its Save Our State Law, Oklahoma just became the first state to ban its implementation. Some people, conflating this system with halal, claim it is being imposed in Minnesota because certain cabbies refused to take passengers with alcohol and some supermarket checkers refuse to handle pork. Closely associated with Fiqh and practiced in Saudi Arabia, name this Islamic legal system.

ANSWER: Sharia Islamic Law [prompt on any of the following, or similar answers: Islam, Islamic law, Muslim, Muslim law, Fiqh]

9. One song in this musical, with the lyrics, “We’ll meet our daily problems, And rest when day is done,” is “An Ordinary Couple”, though that song is sometimes replaced by “Something Good”. This musical begins with a chant of “Dixit Dominus” by the same characters who later ask, “How do you hold a moonbeam in your hand?” In this work, Elsa Schröder and Max Detweiler are surprised by a game of leapfrog, and a group of children are comforted by yodeling through “The Goatherd Song” or listing “My Favorite Things”. Identify this Rodgers and Hammerstein musical about a governess in Austria named Maria who teaches the von Trapp family to sing.

ANSWER: *The* Sound of Music

10. This person was appointed chief-of-staff of the Kwantung Army in Manchukuo one year after he resisted the rebels during the February 26 Incident. Eight years later, he attempted to commit suicide by shooting himself four times in the chest, but he survived until he was eventually found guilty and hanged. Nicknamed The Razor, he became Prime Minister and provoked a United States embargo due to aggressive actions in Indochina. Name this leader who allied his nation with the Axis Powers of Germany and Italy and decided to bomb Pearl Harbor.

ANSWER: Hideki Tōjō [or Tōjō Hideki; prompt on Hideki]

11. In one novel by this author, Maslova is sent to Siberia after she is impregnated by Nekhlyudov, and in another the husband of Praskovya Fedorovna is injured while putting up curtains. Another novel contains the marriages of Boris Drubetskoy to Julie and Nicholas Rostov to Mary, and it ends with the marriage of Pierre Bezukhov to Natasha. That work begins at a party thrown by Anna Pavlovna Scherer, who has a conversation with Prince Vasili Kuragin. This author also wrote about a woman whose brother Stiva cheats on his wife Dolly and who eventually gets run over by a train. Identify this author of *Resurrection*, *The Death of Ivan Ilyich*, *War and Peace*, and *Anna Karenina*.

ANSWER: Leo Lev Nikolayevich Tolstoy

12. These pieces inspired Philip Glass' *Violin Concerto Number Two*, and the first recording of these works was made by Bernardino Molinari. The second of these pieces begins Allegro non molto and is catalogued as RV 315. These works caused Francesco Geminiani (fran-CHES-co je-MEE-nee-ah-nee) to complain, "Imitating the Cock, Cuckoo, Owl and other birds" were "Tricks that rather belong to the Professors of Legerdemain and Posture-makers than to the art of Music." Notes from the composer in this piece include "the drunkards have fallen asleep" during the second movement of the third concerto. Originally one-third of *The Contest Between Harmony and Invention*, name these four concertos often paired with four sonnets by Antonio Vivaldi.

ANSWER: *The* Four Seasons [or *Le* quattro stagioni]

13. This novel begins with Bill and Henry transporting the body of Lord Alfred. After firing his only three bullets, Bill is killed. This novel ends on a happier note in California after a much later rescue by Weedon Scott. The title character, the son of Kiche and One Eye, is often tormented by Lip-lip and owned by Beauty Smith. Identify this novel about an animal that is three-quarters wolf and one-quarter dog, the companion novel to *The Call of the Wild* written by Jack London.

ANSWER: White Fang

14. Internal friction generated by this phenomenon is thought to be the cause of Io's intense volcanic activity, and this phenomenon does not exist at amphidromic (aam-fih-DROH-mik) points. Before it was dredged, the River Seine had a noted *mascaret* (maas-kuh-RAY) or bore that was driven by these events, and slack water is the time when these effects are not active. The largest range of one of these events, sixteen meters, was measured in Canada's Bay of Fundy, and the phases of the Moon align with the maximum and minimum of these events, known as spring and neap, respectively. Occurring twice each day along most of the world's coastlines, name this periodic rise and fall in sea level due to gravitational effects of the Sun and Moon.

ANSWER: tides [or tidal currents, etc.]

15. Charles Darwin studied this phenomenon in oat coleoptiles (koh-lee-OP-tils), and Frits Went used agar blocks to determine that it was not the result of electrochemical impulses. Explained by the acid growth hypothesis, this process begins when indoleacetic (in-dohl-uh-SEE-tihk) acid lowers the pH ("P H") of cell walls, allowing turgor pressure and expansin enzymes to elongate cells. Occurring only in response to wavelengths under 500 nanometers, name this type of growth in which auxin stimulates a plant to bend toward a light source.

ANSWER: **phototropism** [accept word forms; prompt on **tropism** or word forms thereof]

16. In one work by this writer, a book is described as a "bequest of wings" allowing somebody to dance "along the dingy days," while in another, this poet's "interrupting tears" have obliterated a deceased friend's etchings in a book. This poet also said it is "a precious, mouldering pleasure...to meet an antique book" and said that no frigate is "like a book to take us lands away." One work by this poet begins, "If I can stop one heart from breaking, I shall not live in vain." This poet also claimed to "pause before a house that seemed a swelling of the ground" while on a carriage ride with immortality and death. Identify this writer who claimed to hear "a fly buzz" when she died, one of whose works is usually called "Because I Could Not Stop for Death".

ANSWER: Emily **Dickinson**

17. This person's first patient is generally considered to be a spiritual medium who was his cousin, Hélène Preiswerk, and his first published work was *On the Psychology and Pathology of So-Called Occult Phenomena*. One of his major works analyzed the fantasies of Miss Miller and their relation to creation myths, while another of his works laid the basis for the Myers-Briggs Type Indicator. Those two works are *Psychology of the Unconscious* and *Psychological Types*. Name this psychologist who developed ideas on synchronicity, archetypes, and the collective unconscious.

ANSWER: Carl Gustav **Jung**

18. This unit must be used for one of the quantities so that the small oscillation restoring force of a pendulum can be approximated as mass times little g times theta. This unit also must be used for the common Taylor series approximation x minus x cubed over six plus x to the fifth over one hundred twenty, etcetera. One way to define this unit is arc length divided by radius, which is why numbers measured in these units can be multiplied by numbers in other units without changing those other units. This unit can be thought of as the number of radii that would fit along the arc inscribed in an angle, and it equals approximately 57.3 degrees. Give this unit that can be converted to by multiplying pi over one hundred eighty times the number of degrees.

ANSWER: **radians**

19. Though a member of Congress, this politician reported for duty two days after Pearl Harbor and, though he did not serve with distinction, quickly received a Silver Star. As President, he nominated Abe Fortas and Thurgood Marshall to the Supreme Court and gave a speech at the University of Michigan which asked, "Will you join in the battle to give every citizen an escape from the crushing weight of poverty?" This President also signed the Economic Opportunity Act, Social Security Act, Voting Rights Act, and Civil Rights Act of 1964. Name this President who began the Great Society programs and escalated the Vietnam War after being sworn in upon the assassination of President Kennedy.

ANSWER: Lyndon Baines **Johnson**

20. The amount of energy necessary for nuclear fusion is known as this person's namesake barrier. One law named after this person allows the use of the coefficient of kinetic friction by stating that frictional force is independent of speed, and another law named after him uses a value equal to the reciprocal of four pi times the permittivity constant, which works out to about nine times ten to the ninth in SI units. That law states that there is an electric force and charge follow an inverse-square relationship with distance. Name this scientist whose eponymous unit is equivalent to about six quintillion protons and measures charge.

ANSWER: Charles-Augustin de **Coulomb**

Read the tiebreaker questions only if there is a tie after the above 20 questions. The first correct answer wins the match.

TB 1. This land was the subject of the third treaty of San Ildefonso and a few years later its most valuable section was overseen by William Charles Cole Claiborne. Some members of the Essex Junto, such as Timothy Pickering, believed that acquisition of this land represented an attempt to create a dictatorship. Important treaties regarding it are dated the tenth of Floreal, eleventh year of the French Republic, and Spanish cessions added to its size in 1819. Its total costs, including the responsibility for claims against French citizens, was fifteen million dollars, and some of it was charted by the Lewis and Clark Expedition. Comprised of what is now parts of fourteen states, name this acquisition made during Thomas Jefferson's presidency.

ANSWER: **Louisiana Purchase** [prompt on **Louisiana**]

TB 2. This mythological tradition contains the story of a man doomed to die by one of three animals who rescues a woman confined to a house above the ground. This tradition's earth god sometimes took the form of a goose known as The Great Cackler. That earth god and the sky goddess were children of the air god Shu and the goddess of moisture, who was often associated with lionesses. Other goddess associated with lionesses in this tradition include Bastet and the warrior goddess Sekhmet. Name this culture which created the characters Geb, Nut, Nephthys, Osiris, and Isis.

ANSWER: Ancient **Egyptian**

TB 3. Name the mode of transportation that...was called a "freedom machine" by suffragists like Susan B. Anthony; allowed Lance Armstrong to win the Tour de France seven times; and is named for the fact that it consists of two wheels.

ANSWER: **bicycles** [or **bikes**]