

NEW TRIER VARSITY 2009

ROUND 6



1. As a congressman, this man argued that the President did not have to obey the Boland Amendment when he led the minority members of the committee that investigated the Iran-Contra affair. Almost assassinated at Bagram Air Base, he controversially chaired the Energy Task Force. This man succeeded Donald Rumsfeld as Gerald Ford's chief of staff, and his own assistants have included David Addington and "Scooter" Libby. This former Halliburton CEO was George H. W. Bush's Secretary of Defense. Name this man who shot a friend in the face during his time as Vice President under George W. Bush.

ANSWER: Richard Bruce "Dick" **Cheney**

2. This artist depicted a man facing a mirror in whose reflection he is facing away from himself in *Not to Be Reproduced*. He showed a room with eight smaller images on the walls, including a nude female torso, and a cannon in the foreground, in *On the Threshold of Liberty*. This artist also showed a score of identical men falling from the sky near a red-roofed building in *Golconde*. Other paintings of his show a train coming out of a fireplace and a man with an apple in front of his face. Identify this Belgian artist who, in his *The Treachery of Images*, famously claimed that one of his paintings ...*Is Not a Pipe*.

ANSWER: René François Ghislain **Magritte**

3. This event resulted in an investigation that was hampered by friction between Barbara Bodine and John O'Neill, and a president deciding not to act because he was tired of swatting at flies. Some people blamed Kirk Lippold, who had planned on making a refueling stop. While one of its perpetrators, who had previously been involved in arranging false passports and smuggling missiles, admitted to this attack, the admission was made under torture, so the charges against him have temporarily been dropped. Seventeen Americans were killed, and many of the perpetrators either escaped from or were released from Yemen prisons. Name this attack by Al Qaeda on a ship docked at the Port of Aden on October 12, 2000.

ANSWER: **attack** on the USS **Cole** [accept clear knowledge equivalents, including more specific answers like "bombing of...", for "attack"]

4. Produced from tryptophan, parenchyma cells are responsible for this compound's polar transport through coleoptile tissue. It activates expansins which loosen cellulose microfibrils, in turn causing the target cell to take in water, according to the acid growth hypothesis. At high concentrations, it stimulates ethylene production, and as dicots are more sensitive to synthetic ones, it is often used as an herbicide. Responsible for vascular cambium growth and many tropisms, it is produced in meristem tissue. Name this class of chemicals explained by Frits Went, responsible for cell elongation in plants—the first plant hormone to be discovered.

ANSWER: **auxins**

5. In the introduction to *The Order of Things*, Michel Foucault analyzes this work, noting that the window depicted on the right side balances the object consuming the left side, between which lie a St. Andrew's cross about the central figure. Paradoxically, this painting's vanishing point is at the bent elbow of a man in the doorway at the rear. That doorway is on a wall that includes five dark paintings, surrounding a stark white-outlined mirror that impossibly reflects a king and his wife, María. Name this painting that depicts the dwarf-surrounded family of the Spanish king Philip IV, including the Infanta Margarita, a work by Diego Velázquez.

ANSWER: *Las* **Meninas** [or *The* **Maids of Honor**; accept *The* **Family of Philip IV** before mentioned]

6. This baseball player's team won two World Series Championships when he was moved from left field to third base. He is the most recent player/manager in the Major Leagues, and he is tied with Willie Keeler for the longest National League hitting streak of all time. This switch-hitter played a few years for the Expos and Phillies in the late 1970s and early '80s, but he began and ended his career with the Cincinnati Reds. While he played, he was nicknamed Charlie Hustle, but his recent nicknames include The Big Red Machine and The Hit King. Identify this player who was placed on the permanent ineligibility list for the Hall of Fame for accusations of gambling on games in which he played.

ANSWER: Pete Edward **Rose**, Sr.

7. This composer's infatuation with the Javanese gamelan led to some use of the pentatonic scale. One of his works has a movement titled "Dialogue of the Wind," while another includes "The Girl With the Flaxen Hair." His only opera, adapted from a Maeterlinck play, sees Golaud's wife fall in love with his half-brother. Along with *Pelléas et Mélisande*, this composer's other compositions include "Golliwogg's Cakewalk", as well as an orchestral adaptation of a Stéphane Mallarmé poem. Famous for a movement from the *Suite Bergamasque*, name this French composer of *La Mer*, *Children's Corner*, *Prelude to the Afternoon of a Faun*, and *Clair de Lune*.

ANSWER: Achille-Claude **Debussy**

8. One of this author's works contains chapters called "One Warm Saturday" and "Old Garbo", which are set in his hometown of Swansea; that work, whose title parodies a James Joyce title, is "The Portrait of the Artist as a Young Dog". One of his poems notes that "Time held me green and dying" at the titular location, Fern Hill. He notes that dead men will not break when strapped to a wheel in his poem "And Death Shall have no Dominion". Name this Welsh poet who asked his father to "Rage, rage, against the dying of the light" in "Do Not Go Gently into that Good Night".

ANSWER: Dylan Marlais **Thomas**

9. Last year, Rwanda became the first nation to be declared free of these objects. An international effort to ban these objects was aided by Lloyd Axworthy and Princess Diana, leading to the Ottawa Treaty in 1997. That treaty was reviewed in 2004 in Nairobi and this year in Cartagena, Colombia, and it has been endorsed by one hundred fifty-six nations. Though the US has not signed that treaty, it has not used these objects since the 1991 Gulf War. Jody Williams and the organization she works for were awarded the 1997 Nobel Peace Prize for efforts to ban these objects. Name these mass-produced devices broadly classified as antipersonnel or anti-tank which explode when they are touched.

ANSWER: land **mines** [accept modifier of "antipersonnel" or "anti-tank"]

10. This poem describes "the sunsets and the dooryards and the sprinkled streets" as well as some "yellow fog that rubs its back upon the window-panes." The speaker declares that he "should have been a pair of ragged claws/Scuttling across the floors of silent seas" before asserting that he is "not Prince Hamlet" and revealing that he has "heard the mermaids singing." This poem begins with an epigraph from the *Inferno* and tells of the title character, who is mocked for his bald spot and won't even "dare to eat a peach." Name this T.S. Eliot poem in which the titular character observes the "women come and go/Talking of Michelangelo."

ANSWER: "The Love Song of J. Alfred **Prufrock**"

11. One of this law's provisions was interpreted by *Strauder v. West Virginia*, and Hugo Black hoped to incorporate the Bill of Rights against the states by invoking it. This law affirmed the national debt, but disavowed any debt from rebellions, and allowed a two-thirds vote of Congress to exempt someone from its prohibition on office-holding by former Confederate sympathizers. This measure also nullified the three-fifths clause, though it excepted "Indians not taxed", and established twenty-one as the voting age. This amendment stated that anyone born in the United States is a citizen, and established equal protection and due process. Name this second of the Reconstruction amendments.
ANSWER: **fourteenth** amendment to the United States Constitution

12. He wrote his dissertation at the University of Chicago on the subject of "Animal Education" and, in one experiment, he shortened or lengthened a maze, causing animals to hit their heads on the walls. Besides conducting the Kerplunk experiment, he posited that he could raise any baby to become the perfect doctor or lawyer or thief in his "Twelve Infants Theory." Name this American psychologist who ran rats through mazes, in addition to using loud noises to make an infant fear a white rat in the Little Albert experiment, a founder of Behaviorism.
ANSWER: John Broadus **Watson**

13. These substances comprise the bottom layer of solar ponds, and they can exist because condensation cannot take place without surface energy. An example of them is clouds, forming from atmospheric air that is this type of substance. These substances are present in cloud chambers, and can be disturbed by the introduction of nucleation sites, such as by the addition of a "seed crystal". Name this phenomenon, normally created by heating, in which a solvent dissolves more of a substance than it can hold in stable solution.
ANSWER: **supersaturated** solutions [accept **supersaturation**, etc.]

14. This god borrowed a falcon cloak twice, once involving a male deity wearing Brisingamen, and another when retrieving golden apples. To make one figure laugh, he tied two ends of a rope to a goat's beard and his own testicles, and he once lost an eating contest with Fire. According to one tale, he causes earthquakes by shaking when poison touches his forehead and his wife Sigyn is not there to catch it. He distracted Svaldifari (SVAL-dee-fahr-ee) and mated with it, producing an eight-legged horse as a result, and another of his offspring had Tyr's (TEERZ) hand for a snack while being bound with Gleipnir (GLIP-neer). The father of Hel and Jormungandr (YOR-moon-gahn-dur), identify this Norse trickster god.
ANSWER: **Loki**

15. These entities can undergo gas accretion caused by Roche lobe overflow; in 2004, it was discovered that these led to the 1572 supernova studied by Tycho Brahe. Pinwheel nebulae can form around these objects, and the discovery of one of these systems, consisting of pulsars, won the 1993 Nobel in Physics for Hulse and Taylor. Studying the Doppler shift of spectral lines can allow discovery of spectroscopic types of these, while other types include astrometric and eclipsing. Name this type of celestial system, the most famous example of which consists of Sirius A and Sirius B rotating around the pair's center of mass.
ANSWER: **binary** star [or **binary** system, etc.; prompt on answers like **star system**]

16. A disturbed messenger in this play asks another character "Do you enjoy it? Not afraid of such things?". The protagonist engages in a famous dialogue with the chorus about the plight of women, and, like a Sophist, argues with her weak husband about each of their duties to one another, particularly concerning Pelias's death. After begging Creon to stay for one more day, the protagonist is banished from Corinth, but unfortunately for the rest of the characters is given refuge in Athens by Aegeus. The clever, manipulative, and vengeful protagonist gets her wish when she gives her ex-husband's new wife, Glauce, a poisoned cloak which kills the wearer and anyone who touches her. Name this play in which the title crazy woman kills Jason and his children, a work by Euripides.
ANSWER: **Medea**

17. At one point, this figure confronts Peter about his reluctance to eat a meal with Gentiles. This man was also notable for preaching openly for Barnabus, and for making five separate trips to Jerusalem. In one of his writings, he noted the importance of “faith, hope, and love”, but that “the greatest of these is love”, and he had earlier had a conversion experience while on the road to Damascus. Name this former tax collector, a figure of the New Testament who wrote several of its books in epistle form, including Titus, Ephesians, and First and Second Corinthians.

ANSWER: St. **Paul** of Tarsus [or **Saul** of Tarsus]

18. This effect is present in animal bones, possibly to regulate growth. It is analogous to the cause of hum in transformers, magnetostriction, while in medical imaging, the most common material used for this effect is lead zirconate titanate. Carbon nanotubes also respond to this effect, for which an especially high quality factor is possessed by quartz. This phenomenon’s converse consists of an applied field causing a crystal’s dimensions to change. Discovered by the Curie brothers, identify this effect wherein stress applied to a crystal creates an electric potential difference.

ANSWER: **piezo**electric (pee-AY-zoh-“electric”) effect [or **piezo**electricity]

19. One character in this work is renowned for his battles in Flanders, and has an ancestor who “ran his sword through the heart of Wat Tyler”, while another is a cooper who is his roommate. In this work, a marriage proposal on behalf of another man is met with a response of “Why don’t you speak for yourself, John?” Focusing on a love triangle between John Alden, Priscilla Mullens, and an English military captain, it was a literary counterpoint to another of its author’s works, *Evangeline*. Identify this work set in Plymouth Colony which concludes with the death of the title character, a narrative poem by Henry Wadsworth Longfellow.

ANSWER: “The **Courtship of Miles Standish**”

20. This man’s ship may have been named after his wife Mattea, or it may have been named the *Matthew*, and his son worked with Thomas Pert. Though it’s possible he only made it to Cape Breton Island or Cape Bonavista, this explorer may have become the first European since the Vikings to step foot on North America. He sailed from Bristol with the support of Henry VII. Convinced that he would be more successful than Columbus because his northern latitude would lead to a shorter trip, this explorer’s first voyage only made it to Iceland. Name this Venetian who sailed for England.

ANSWER: John **Cabot** [or Giovanni **Caboto**]