

FORT OSAGE NOVICE SET (FONS)

Questions edited by Joshua Malecki. Questions written by: Ethan Morrow, Lydia Calderon, Colin Turnham, Brady Orwick, Douglas McIntosh, Josh Merithew, Joseph Seaba, Dexter Wickham, Maya Baughn, Mia Phillips, Zachary Beltz, and Joshua Malecki.

Round 6

1. Residents of the Tangier Islands in this body of water may be forced out by climate change due to rising waters by 2050. This estuary is only an average of 21 feet deep, and its headwaters originate at the mouth of the Susquehanna* River in a state that is nearly divided by it. This body of water is known for its blue crabs, clams, and oysters, and the sail-powered “skipjack” boat was developed specifically for use by “watermen” within it. For 10 points, name this body of water, that forms the eastern boundary of Virginia and Maryland, and is crossed by a namesake Bay Bridge tunnel complex.

Chesapeake Bay

2. This compound was first isolated in raisins by Marggraf, but Emil Fischer’s studies of it won him the Nobel Prize for Chemistry. This monosaccharide, whose five hydroxyl groups are arranged in either an “open-chain”* or “cyclic” forms, is stored by plants as starch and in animals as glycogen. It is made during photosynthesis from water and carbon dioxide, using energy from sunlight. For 10 points, name this compound, commonly known as “grape sugar,” that functions as power for cellular respiration, with chemical formula C₆ H₁₂ O₆.

Glucose (accept “grape sugar” before mention)

3. An intact 143 foot ship was found buried next to this structure in 1954, and may have been intended to function as a “solar barge.” Slave labor was long thought to have been used to build this structure, but many archaeologists believe that thousands of skilled laborers* were used instead over a 20 year period. It was crafted from granite and limestone, and was the tallest man-made structure in the world for almost 4,000 years. For 10 points, name this structure, built as a burial vault for the Egyptian pharaoh Khufu, the only remaining ancient Wonder of the World still standing.

Great Pyramid of Giza (accept “Great Pyramid of Khufu” before mention; accept “Great Pyramid of Cheops”; prompt on partial answer)

4. The protagonist of this work declares in the opening lines, “I must not only punish, but punish with impunity.” This work is set during Carnival, and the antagonist of this work appears to be drunk* at the beginning of the work. The protagonist leads his rival into the catacombs with promises of a rare pipe of the title liqueur, although he states that he intended to talk to Luchresi first. For 10 points, name this short story, in which Montresor takes Fortunato into his family’s wine vault in order to exact his revenge using the pretense of the title drink, by Edgar Allan Poe.

The Cask of Amontillado

5. This political movement was considered part of an extreme wing of the Northern Democrats and openly criticized the American government. This criticism prompted General Ambrose Burnside's Order Number 38, which made it a crime in Ohio to criticize the Civil* War in any way. One member of this movement, Marcus Pomeroy, referred to Abraham Lincoln as “ a worse tyrant and more inhuman butcher than has existed since the days of Nero.” For 10 points, name this controversial American political movement, prominent in the Ohio River Valley and led by Clement Vallandigham, nicknamed for a poisonous snake.

Copperheads

6. In Babylonian mythology, one of these creatures is killed by Marduk, who then splits it to create the heavens and the earth. In Hindu myth, one of these creatures was struck by lightning by the vajra after he ousted Indra. In Japanese myth, one of these creatures, with 8 heads,* was slain by Susano'o. In Greek mythology, planting the teeth of one of these creatures will cause a fully armed warrior to grow. For 10 points, name these creatures, exemplified by Tiamat, Vritra, Orochi, and from the Disney movie *Mulan*, Mushu.

Dragon

7. One character in this movie asks another if his mother is married to “Mr. Rogers,” and later announces, after fleeing to the gymnasium, that he’s trying to “get a scholarship!”* Another character in this movie eats sushi at lunch while another character puts Pixy Stix and Cap'n Crunch cereal on her sandwich, drawing disgusting looks from the others. The main antagonist of this film tells the various students that they must complete a 1,000 word essay. For 10 points, name this 1985 film about five diverse students forced to spend a day in detention, who at the end of the day, inform their assistant principal that they are “a brain, an athlete, a basket case, a princess, and a criminal.”

The Breakfast Club

8. The author of this novel cited Thomas Carlyle as an influence in his “Preface,” and it was published in weekly installments over 31 weeks in 1859. The novel opens with a man described as a “resurrectionist,” flagging down a mail coach in order to give a note to the bank manager Jarvis Lorry.* The protagonists of this novel meet in Part 2, when one is defending the other at a treason trial. For 10 points, name this novel, in which the alcoholic Sydney Carton takes Charles Darnay's place at the guillotine despite their mutual love for Lucie Manette, by Charles Dickens.

A Tale of Two Cities

9. This politician won his first elected seat in a 1999 special election to his state's House of Representatives, and served 9 years. Before being elected to the U.S. Senate in 2010, he took a controversial position as an adjunct professor at Florida* International University, a position he still holds. It was revealed in 2011 that his family left Cuba as economic refugees before Castro came to power, despite his previous statements to the contrary. For 10 points, name this Republican from Florida, one of 3 Latinos in the U.S. Senate, who is running for President in 2016.

Marco Antonio Rubio

10. An extreme weather event involving this led to the deaths of an estimated 12,000 people in London in 1952. In 2013, a weather event involving this material blanketed Harbin, China,* closing schools, roads and the airport. In some Asian cities, this weather event is caused by industrial chemical pollution combined with stubble burning of wheat and other grains. Forest fires commonly cause this in California during the fall dry season. For 10 points, name this weather event, a combination of two words, caused when pollution from chemicals like coal and from vehicular emissions form massive toxic clouds.

Smog (accept "pea-soupers" before "In 2013")

11. This man won a school essay contest with an address entitled, "The Negro and the Constitution," and a 2015 *Sports Illustrated* article revealed that former USC basketball coach George Raveling had the original copy of his most famous speech. This man arrived in Montgomery a year before the Bus* Boycott, and counseled Rosa Parks, while becoming the public face of the Civil Rights Movement. For 10 points, name this Civil Rights leader, who ad-libbed the "I Have a Dream" portion of his speech at the March on Washington, and was assassinated on April 4, 1968 in Memphis, Tennessee.

Martin Luther King, Jr. (accept "MLK")

12. Both Mussorgsky's *Pictures at an Exhibition* and Rachmaninoff's *Symphonic Dances* featured the saxophone as a solo instrument in this musical group. The piano and celesta are sometimes grouped in a fifth section* of this musical ensemble. The "standard complement" of double winds and brass in these ensembles is usually ascribed to Beethoven. For 10 points, name these musical ensembles, that come in "chamber" and "philharmonic" varieties, and commonly feature string, brass, percussion, and woodwind sections.

Orchestras

13. The Sandia Mountains are located on the east side of this city, which hosts the International Balloon Fiesta every October. This city's "Old Town" is located east of the Rio Grande, which divides the city.* Route 66 ran through this city, which is home to Kirtland Air Force Base and was a popular destination for tuberculosis sufferers in the early 20th century due to its high desert environment. For 10 points, name this city, the setting for the TV show *Breaking Bad* and the Disney *High School Musical* movies, the largest city in New Mexico.

Albuquerque

14. Many historians believe that this government organization was nearly ended by the Church Commission, but the 1975 assassination of Richard Welch turned the tide of public opinion. This organization was authorized by the National Security Act,* and its immediate predecessor was the Office of Strategic Services. This organization was criticized for its involvement in the 1953 Iranian coup and the failed 1961 Bay of Pigs invasion. For 10 points, name this government agency, charged with gathering and processing intelligence and national security information from across the world, currently led by John Brennan.

Central Intelligence Agency (accept "CIA")

15. This planet's density is the second highest in the solar system behind Earth's, and is thought to have a large iron-rich core. This planet has the smallest tilt of any planet in the solar system, and experiences the greatest temperature variation* of any of the planets in the solar system due to its lack of atmosphere. This planet's cratered surface resembles Earth's Moon, and appears to have been geologically inactive for billions of years. For 10 points, name this planet, visited by the *Mariner 10* and *MESSENGER* spacecraft, which has the shortest orbital period at 88 days and is nearest to the Sun.

Mercury

16. The main characters in the opening chapter to this novel discuss John Bunyan's *Pilgrim's Progress*, which is quoted by the author herself in the preface. In that opening chapter of this novel, the main characters are opening Christmas presents,* while their father is away serving in the Civil War. One character in this novel contracts scarlet fever from a local family whom she was nursing, which causes her youngest sister to be sent away to live with her aunt. For 10 points, name this novel, about the March sisters Jo, Meg, Beth and Amy and their lives and loves, written by Louisa May Alcott.

Little Women

17. This artistic style's name derived from a critical review from prominent art critic Louis Leroy, who called it "a preliminary drawing for a wallpaper pattern." The artists who practiced this style formed the "Salon of the Refused" when their work was rejected by the mainstream art community in France.* This artistic style depicted ordinary people, often in outdoor settings, with thick, visible brushstrokes. It took its name from an 1872 Claude Monet painting depicting the port of Le Havre at daybreak. For 10 points, name this artistic style, exemplified by the paintings of Monet, Camille Pissarro, Alfred Sisley, and Berthe Morisot.

Impressionism (accept word forms)

18. This river rises, along with a number of others, from the Valdai Hills, which results in divided drainage basins. This river freezes for much of its length for 3 months out of the year, but its delta is only place in Russia* where flamingos and pelicans can be seen. The turning point battle on the Eastern Front in World War II was fought in a city located on this body of water, which has been widened for navigation purposes. For 10 points, name this "mother river" of Russia that flows into the Caspian Sea, along which lies the strategic cities of Nizhny Novgorod and Kazan, along with a city formerly named Stalingrad.

Volga River

19. The author of this Biblical text is believed to have lived on Patmos, and the work opens with information being sent to the "Seven Churches of Asia." "A sea of glass, clear as crystal" appears in front of the "Throne of God"* in this text, which sees a "rider" on a "Pale Horse" arrive during the opening of the Fourth Seal. During the opening of the Seventh Seal, a star, called "Wormwood," falls from heaven to poison the springs and rivers. For 10 points, name this final book of the New Testament, also known as the "Apocalypse," that describes the final events of Earth, and culminates in the Second Coming.

Revelation (accept "Apocalypse" before mention)

20. This academic field has its roots in ancient history, and Hippocrates, Laozi, and Confucius are often cited as early practitioners. This field uses the Diagnostic and Statistical Manual (DSM) -V (five) as a textual tool, and its “schools” include cognitive,* behavioral, social, among others. The Skinner box, Pavlov’s classical conditioning, and the id, ego, and superego are among its applications in everyday life. For 10 points, name this academic field, whose other practitioners include Sigmund Freud, B.F. Skinner, Carl Jung, and Ivan Pavlov.

Psychology

21. This author wrote a short story in which a young man stops at a New Hampshire cottage for the night, only to see an avalanche bury it, killing all of those inside. This author of “The Ambitious Guest” included it in a collection that includes a story of a grief-stricken minister* who is buried with the namesake garment. “The Minister’s Black Veil” was contained in his 1837 collection *Twice-Told Tales*, whose name comes from the fact that they had previously been printed in other magazines and periodicals. For 10 points, name this American author, who also wrote *The Scarlet Letter*, and *House of Seven Gables*.

Nathaniel Hawthorne

22. This organic compound was used as a refrigerant, a solvent, and as propellants in fire-fighting materials and was the target of a ban by the 1989 Montreal Protocol. James Lovelock first detected these within the atmosphere,* over Ireland, and later detected them at both Poles. The low reactivity within these compounds is what causes their destructive nature in the ozone layer. For 10 points, name these compounds, containing carbon, chlorine, and fluorine, that contributed to depletion of the ozone layer, now banned from household and commercial use.

Chlorofluorocarbons (CFC’s) (accept “Freon” its trade name; accept “Dichlorodifluoromethane”)

BONUSES

1. These are defined as the curve obtained at the intersection of a cone with a plane. For 10 points each...

A. Name these mathematical constructs that come in three forms, corresponding to its eccentricity.

Conic sections (prompt on partial answer)

B. An eccentricity less than 1 equals this conic section which is a curve on a plane that surrounds 2 focal points.

Ellipse

C. This shape is considered a special ellipse in which the two foci are coincident and the eccentricity is 0. It can also be defined as the set of all points in a plane that are a given distance from the center.

Circle

2. This nation fought a one-day naval battle in the Strait of Hormuz with the United States in April, 1988. For 10 points each...

A. Name this Middle Eastern nation, which also fought in a protracted war with its neighbor from 1980-88, and has threatened to develop nuclear weapons at its Natanz site.

Iran (accept "**Islamic Republic of Iran**")

B. The 1980-88 war was fought between Iran and *this* neighboring nation, once led by Saddam Hussein.

Iraq (accept "**Republic of Iraq**")

C. The majority of attacks in the Tanker War were on oil tankers from *this* small Gulf nation, later invaded by Saddam Hussein in 1990 to begin the First Gulf War.

Kuwait (accept "**Emirate of Kuwait**")

3. French novels are known for "scandalous women." For 10 points each...

A. This title character of a novel by Gustave Flaubert ["flow"-bair] is educated at an Ursuline convent, marries, but grows bored with her husband and has several affairs before committing suicide.

Madame Bovary (accept "**Emma Bovary** or "**Emma Rouault**")

B. This gypsy girl is the only one who shows kindness to the deformed bell-ringer Quasimodo [kwah-zee-MOH-doh], but she falsely confesses to the murder of Phoebus and is executed in Victor Hugo's *The Hunchback of Notre Dame*.

Esmeralda (accept "**Agnes**")

C. Milady de Winter works as a spy for Cardinal Richelieu and attempts to seduce the Duke of Buckingham in this Alexandre Dumas novel about Athos, Porthos, Aramis and D'Artagnan and their quest to protect King Louis XIII from scandal.

The Three Musketeers

4. Flooding in December, 2015 in this nation displaced more than 70,000 people. For 10 points each...

A. Name this South American nation, whose capital, Montevideo, was largely under water by the new year.

Uruguay

B. Montevideo lies on the northeastern bank of this wide estuary, which is formed from the confluence of the Uruguay and Parana Rivers.

Rio de la Plata (accept "**La Plata**" or "**River Plate**" its English translation)

C. This other national capital lies on the western shore of the Rio de la Plata, and is the 2nd largest metropolitan area in South America, behind Sao Paulo, Brazil.

Buenos Aires, Argentina

5. This composer's early works include 1978's *Shaker Loops* and 1986's *Short Ride in a Fast Machine*. For 10 points each...

A. Name this American minimalist composer who shares his name with a Founding Father, and whose 2002 composition *On the Transmigration of Souls* about victims of 9/11 won him a Pulitzer Prize.

John Adams

B. One of Adams' most famous compositions is this 1987 opera that commemorates the 1972 visit by the sitting U.S. President to this Communist Asian nation.

Nixon in China

C. Adams' 2005 opera *Doctor Atomic* is about the events surrounding this secret project during World War II to create the atomic bomb.

Manhattan Project

6. This movie was subtitled "The Unexpected Virtue of Ignorance." For 10 points each...

A. Name this 2015 Oscar winner for Best Picture in which Michael Keaton plays a former action star named Riggan Thomson, as he prepares to act in a play on Broadway.

Birdman

B. Keaton's performance as "Birdman" echoes his real-life performance in two films where he played this comic book superhero.

Batman (accept "**Dark Knight**")

C. Keaton's performance as Birdman/Riggan did not win him the Best Actor award, which instead went to Eddie Redmayne for his performance as this famous scientist in *The Theory of Everything*.

Stephen Hawking

7. This invention has been credited to Chinese alchemists searching for an elixir of immortality. For 10 points each...

A. Name this propellant, composed of sulfur, saltpeter, and charcoal, that is used in fireworks and weapons.

Gunpowder

B. The first formula for gunpowder showed levels of between 27-50% for *this* polyatomic ion with formula NO₃.

Nitrate

C. One early incendiary weapon, whose exact composition still remains a mystery, was *this* material used by the Byzantines during naval battles, because it could burn while floating on water.

Greek Fire (accept "**Sea Fire**," "**Roman Fire**," "**War Fire**," "**Liquid Fire**")

8. According to an urban legend, this author won a bet with a group of fellow authors by writing a short story that simply says: "For Sale: Baby Shoes. Never Worn. For 10 points each..."

A. Name this author, whose other short stories include "Snows of Kilimanjaro" and "The Killers," and novels *The Sun Also Rises* and *For Whom the Bell Tolls*.

Ernest Hemingway

B. Hemingway won the 1954 Nobel Prize in Literature for this book about the relationship between the fisherman Santiago and the young Manolin on a fishing trip to Cuba.

Old Man and the Sea

C. The title for Hemingway's *For Whom the Bell Tolls* is taken from a poem by this English poet, who also wrote, "No man is an island."

John Donne

9. This religious faith split in 632 AD over who was to succeed its founder. For 10 points each...

A. Name this faith that is divided into Sunni and Shia factions.

Islam

B. The split began when Sunni faith supported Abu Bakr, the closest friend of this man, the founder of Islam.

Muhammad

C. The Shia faith supported Ali ibn Abi Talib, Muhammad's son-in-law and cousin, based on a speech given by Muhammad at Ghadir Khumm in *this* present-day country, which is now majority Sunni.

Saudi Arabia

10. This man was often called "the most hated man in America," even after his attempted assassination by Alexander Berkman. For 10 points each....

A. Name this man, who earned his fortune in coal and was best known as the Chairman of Andrew Carnegie's steel corporation.

Henry Clay Frick

B. Frick became notorious for his methods during *this* 1892 strike in Pennsylvania, in which he built walls around the namesake plant and hired Pinkerton guards to retake the plant after workers occupied it.

Homestead Strike

C. Berkman, Frick's would-be assassin, belonged to *this* group, which used violence as their method to bring about social change. The 1886 Haymarket Riot in Chicago was one incident perpetrated by members of this group.

Anarchists (accept "**anarchism**")

11. This painting resides in the Apostolic Palace in the Vatican City and is thought to have been the second painting completed there. For 10 points each...

A. Name this fresco, that depicts numerous ancient philosophers and thinkers gathered on the steps of the interior of a large building.

The School of Athens

B. Historians still debate the identities of the men pictured, but there is general agreement that the middle two individuals are these 2 Greek philosophers. Name EITHER one.

Plato and **Aristotle**

C. "The School of Athens" is a fresco, meaning it involved applying wet paint to *this* material, usually made up of sand, water, and lime.

Plaster

12. During the American Civil War, the battles of Cane Hill and Pea Ridge were fought in this state. For 10 points each...

A. Name this Southern state, whose town of Hope is the birthplace of President Bill Clinton.

Arkansas

B. This city, named by a French fur trapper in 1722 for its unique outcropping on the Arkansas River, serves as the capital of the state.

Little Rock

C. The western part of Little Rock lies at the foothills of this mountain range, a subrange of the Ozarks.

Ouachita Mountains (said "WAA-SHEE-TAH)

13. This policy had been introduced in 1978, shortly after the founding leader of its only political party had died. For 10 points each...

A. Name this Chinese policy, which has caused an uneven distribution between male and female children in the nation.

"One-child Policy" (accept "**single-child policy**" or similar answers)

B. This leader and founder of the Chinese Communist Party had been opposed to limiting family size before his 1976 death.

Mao Zedong (accept "**Chairman Mao**", prompt on "Zedong," that is his first name)

C. One other effect of the "one-child policy," is the reduction in numbers of this group, commonly measured by the unemployment rate.

Labor force (accept "**number of workers**" or "**amount of workers**" any similar answer, prompt on partial answer)

14. Ariadne told this man that he must bring a ball of string into the Labyrinth. For 10 points each...

A. Name this demi-god, who defeated the Minotaur, supposedly by beating it to death with his fists.

Theseus

B. The Minotaur was kept in the Labyrinth by this King of Crete, who sacrificed victims to it.

King Minos

C. When he was 16, Theseus was given this task by his mother, Princess Aethra, in order to discover his lineage.

Lifting a boulder (underneath were tokens from his father) (accept the action, but prompt if the result is given first; accept "**stone**" or "**rock**" instead of boulder)

15. Ashton Carter replaced Chuck Hagel in this Cabinet position in February, 2015. For 10 points each...

A. Name this position, created in 1947 by combining the Departments of the Army and Navy under one Cabinet level department.

Secretary of Defense (accept "**Department of Defense**" or "**DoD**")

B. Before Hagel served as Secretary of Defense, he served two terms as a Senator from this state with capital at Lincoln.

Nebraska

C. The Department of Defense was previously known by *this* name from 1789 to 1947.

Department of War

16. This state of matter is electrically conductive and responds strongly to electromagnetic fields. For 10 points each...

A. Name this state of matter, the most abundant form of matter in the universe.

Plasma

B. For plasma to occur, a material must be subjected to this process, in which electrons are added or subtracted.

Ionization

C. Plasma temperature is usually measured by this unit.

Kelvins (accept "**electronvolts**")

17. Since it was published in 2007, this book has been banned by multiple school districts for its objectionable material. For 10 points...

A. Name this book by Sherman Alexie, that chronicles one year in the life of Arnold "Junior" Spirit, and his life on the Spokane Indian Reservation.

The Absolutely True Diary of a Part-Time Indian

B. Junior decides to leave the reservation and transfer to the all-white Reardan High School, where he joins *this* athletic team.

Basketball

C. When Junior plays his first game against his former high school, the fans in the stands perform this action in protest.

Turn their backs to him (accept equivalents)

18. This man was elected in 1810 to the House of Representatives and was immediately chosen Speaker of the House, despite his inexperience. For 10 points each...

A. Name this man from Kentucky, known as the “Great Compromiser,” who led the “War Hawk” faction in the years before the War of 1812, and later ran for President three times.

Henry Clay

B. Clay served as the Secretary of State under *this* President from 1825-1829, the recipient of the so-called “Corrupt Bargain.”

John Quincy Adams

C. In the 1844 Election, Clay lost to this “dark-horse” candidate by only 30,000 votes.

James K. Polk

19. This project was begun in 1948 at the suggestion of Oglala Sioux chief Henry Standing Bear. For 10 points each...

A. Name this project, planned by the sculptor Korczak Ziolkowski, which is set to turn Thunderhead Mountain in South Dakota into a massive sculpture of the namesake Sioux Indian chief who defeated Custer at Little Big Horn.

Crazy Horse Memorial (accept “**Monument**” or “**Sculpture**”)

B. Standing Bear approached Ziolkowski after this man, the creator of Mount Rushmore, did not respond to Standing Bear’s letter proposing the Memorial.

Gutzon Borglum

C. The Crazy Horse Memorial is now in its 68th year of construction with no firm end date in sight, largely because of this reason.

Only accepting private funding (accept “**private donations**”; accept equivalents, and be lenient!)

20. In January, 2016, scientists announced that satellite data indicated that a large canyon existed under this continent's Princess Elizabeth Land. For 10 points each...

A. Name this continent that is, on average, the coldest, driest, and windiest in the world.

Antarctica

B. This as yet unnamed Antarctic canyon is estimated to be more than twice as long as this famous canyon located in northern Arizona.

Grand Canyon

C. Princess Elizabeth Land is also home to the spaceship-shaped Taishan Station, built in 2014 by this nation as its 4th Antarctic station.

People's Republic of China (accept "**PRC**")

21. Answer the following about the prolific writing career of American Revolutionary leader John Dickinson. For 10 points each...

A. Dickinson first came to prominence in 1768 when he published a series of essays entitled "Letters from a Farmer in *this state*," in which he outlines his belief that the Thirteen Colonies should be in control of their internal affairs.

Pennsylvania (accept "**Letters from a Farmer in Pennsylvania**")

B. Dickinson rewrote most of Thomas Jefferson's draft for *this* document, which was sent to King George III after the fighting at Lexington and Concord and was a last-ditch effort to stave off war.

Olive Branch Petition

C. Dickinson also wrote the first draft for this document, which was America's first constitution and lasted from 1781 to 1787.

Articles of Confederation and Perpetual Union

22. These seed-producing plants are distinguished from others by the presence of the endosperm within the seeds. For 10 points each...

A. Name this type of plant, which has flowers and produces fruits.

Angiosperms

B. This other type of seed-producing plant has unenclosed seeds, and is exemplified by conifers like cedars and pine trees.

Gymnosperms

C. One unusual gymnosperm is *this* tree that is only found in the wild in China, although it is cultivated around the world. It is commonly used as a medicinal extract, although its efficacy has been debated.

Ginkgo biloba