

Ohio Fall Kickoff Tournament 2011
Packet by Greg Lindsey

1. Its end saw the establishment of the Shun Dynasty in its capital, and after the Tumu Crisis, Tianshun Emperor withdrew to behind the Great Wall. Nurhaci's Eight Banners army conquered this dynasty founded by Zhu Yuanzhang. The Yongle Emperor, who overthrew his uncle in a palace coup, moved the capital to Beijing, built the Forbidden City and oversaw the seven voyages of Muslim eunuch Zheng He. This dynasty arose after overthrowing the Mongols. Known for its porcelain, for 10 points, identify this Chinese dynasty that ruled from 1368 to 1644.

ANSWER: Ming Dynasty or Ming Chao

BONUS: One character in this work has 17 sons by 17 different women. For 10 points each.

[10] Name this novel which follows the Buendia family over seven generations as they inhabit the town of Macondo.

ANSWER: One Hundred Years of Solitude or Cien anos de soledad

[10] This author used magic realism in *One Hundred Years of Solitude* and also wrote *Love in the Time of Cholera*.

ANSWER: Gabriel Garcia Marquez [prompt on partial answer]

[10] Garcia Marquez also wrote this fictionalized account of the dying days of Simon Bolivar.

ANSWER: *The General in His Labyrinth* or *El general en su laberinto*

2. He sculpted an ornate canopy that stands below the central dome of St. Peter's Basilica, and created another sculpture of four gods representing Plate, Nile, Danube, and Ganges. This creator of *Fountain of the Four Rivers* also sculpted one in which the titular character another in which the titular character readies his sling for Goliath and another in which Daphne turns into a tree as Apollo pursues her. His most famous work shows an angel pointing a spear at the title figure. For 10 points, identify this sculptor of *The Ecstasy of Saint Theresa*.

ANSWER: Gian Lorenzo Bernini or Giovanni Lorenzo Bernini

BONUS: An electric current can flow infinitely in a material with this property with no power source. For 10 points each:

[10] Identify this property, the total absence of electrical resistance.

ANSWER: superconductivity

[10] Superconductors eject the magnetic field when cooled below their transition temperatures and are placed in a weak external magnetic field, a phenomenon known as this. It causes magnetic levitation.

ANSWER: Meissner Effect

[10] The first material to exhibit superconductivity above the boiling temperature of nitrogen contains yttrium, copper, oxygen, and this alkaline earth metal, whose sulfate is used as an X-ray radiocontrast agent for imaging the human gastrointestinal tract.

ANSWER: barium

3. The Maturidi members of this sect argue that knowledge of God's existence can be derived through pure reason. The name of this religious sect is derived from a root word meaning "usual practice" or "habit". Unlike another sect of the same religion, it does not allow temporary marriage known as mutah. This sect believes in a messianic figure known as the Mahdi and the Tirmidhi and Abu Dawud are among the hadith that are considered authentic by this sect. For 10 points, name this orthodox Islamic sect that is often contrasted with Shia.

ANSWER: Sunni Islam

BONUS: Some art historians have suggested that he may have used a camera obscura when painting, For 10 points each:

[10] Name this Dutch painter who created such works as *The Art of Painting* and *The Milkmaid*.

ANSWER: Johan(nes) Vermeer or Jan Vermeer

[10] This Vermeer work is sometimes called *The Dutch Mona Lisa*. It shows the subject wearing the titular piece of jewelery.

ANSWER: *Girl with a Pearl Earring* or *Het Meisje met de Parel*

[10] Vermeer famously painted a View of this Dutch city that makes use of pointillism. Vermeer was born and died there.

ANSWER: Delft

4. While a member of the Landtag, this man advocated the Divine Right of Kings. While in his most notable post, he went to war with Denmark over Schleswig-Holstein. The Seven Weeks' War established the primacy of the state led by this man. The May Laws were the basis of a program that saw this man expel the Jesuits from his country. Kulturkampf was a program of this man who doctored the Ems Dispatch to instigate the Franco-Prussian War. For 10 points, "Blood and Iron" were used by what "Iron Chancellor" who united Germany.

ANSWER: Otto Eduard Leopold, Prince of Bismarck, Duke of Lauenburg or Otto von Bismarck
[accept any of the underlined parts]

BONUS: For 10 points each, Name these African-American Authors.

[10] He wrote about characters like Boris Max and Bigger Thomas in *Native Son* and also penned an autobiography, *Black Boy*

ANSWER: Richard Wright

[10] Wright encouraged this man to start writing. He won the National Book Award in 1953 for a novel that features such characters as Ras the Destroyer, *Invisible Man*.

ANSWER: Ralph Ellison

[10] She won the 1993 Nobel Prize for Literature. Her 1987 novel *Beloved* won the Pulitzer Prize for Fiction. Other works include *Song of Solomon* and *The Bluest Eye*.

ANSWER: Toni Morrison

5. Aside from the "bare area" of this organ, it is covered entirely by visceral peritoneum. This organ synthesizes angiotensinogen and, along with the kidney, is a major site of thrombopoietin production. It stores glycogen and, like muscles, it can also break down glycogen to glucose. It can be entirely regenerated with as little as 25% of its original tissue, and it helps to emulsify fat by producing a liquid stored in the nearby gallbladder. An important organ in detoxification and digestion, for 10 points, identify this organ that produces bile and can be affected by diseases such as cirrhosis and hepatitis.

ANSWER: liver

BONUS: The Principality of Montenegro fought along side one of the major belligerents in this conflict. For 10 points each:

[10] Name this 1904-1905 war fought in East Asia by the two eponymous countries in places in Manchuria, such as along the Yalu River.

ANSWER: Russo-Japanese War

[10] This treaty, named after a New Hampshire city, ended the Russo-Japanese War and earned Teddy Roosevelt the Nobel Peace Prize.

ANSWER: Treaty of Portsmouth

[10] Lushun is the current name of this city on the Liaodong peninsula in present-day China. Its warm water port was the primary objective of the Russians.

ANSWER: Port Arthur

6. This thinker distinguished between different kinds of emancipation in his work *On the Jewish Question*. In his *Contribution to Hegel's Philosophy of the Right*, he described a certain cultural practice as “the sigh of the oppressed creature”, before stating that “religion is the opiate of the people”. He critically analyzed the system of capitalism in his *Das Kapital*. For 10 points, name this German philosopher who most famously co-authored *The Communist Manifesto* with Friedrich Engels.

ANSWER: Karl **Marx**

BONUS: This man attempts to steal some silverware from the Bishop of Digne, who nevertheless treats him with kindness. For 10 points each:

[10] Identify this character, who is pursued by Inspector Javert throughout the novel for stealing a loaf of bread for his sister.

ANSWER: **Jean Valjean** [accept either part]

[10] Jean Valjean is the protagonist of this work, which focuses on his experience of redemption and culminates in the 1832 June Rebellion.

ANSWER: *Les* **Miserables**

[10] Aside from writing *Les Miserables*, this French author also wrote *The Hunchback of Notre-Dame* and some poetry collections such as *Les Contemplations*.

ANSWER: Victor-Marie **Hugo** <LF>

7. On character is this work recalls a parable that his mother told him about Mosquito and Ear. That character's wife had nine children die in infancy, which is attributed to an ogbanje by a medicine man. Later in this work, James Smith replaces the more tolerant Mr. Brown. The protagonist of this work is expelled from his village after his gun explodes, accidentally killing a boy. That character's adopted son is Ikemefuna. Okonkwo kills himself in the end of, for 10 points, what novel, a work of Nigerian author Chinua Achebe?

ANSWER: **Things Fall Apart**

BONUS: In North America, this conflict was known as Queen Anne's War. For 10 points each:

[10] Name this war which was fought to prevent the uniting of the French and Spanish crowns.

ANSWER: War of **Spanish Succession**

[10] At the end of the War of Spanish Secession, Britain gained this overseas possession on the Southern coast of Spain. Its namesake Rock is one of the Pillars of Hercules.

ANSWER: **Gibraltar**

[10] This Bourbon King of Spain was in the French line of succession, which triggered the War of Spanish Succession. His reign was split by the reign of his son Louis I.

ANSWER: King **Phillip V**

8. The Juan De Fuca and Georgia Straits border this state's San Juan Islands. Minor cities in this state include Walla Walla and Pullman. One mountain in this state saw its summit reduced by over 1000 feet in 1980. That peak, Mount St Helens, still stands about 6000 feet lower than the state's highest point, Mount Rainier. Separated from Oregon in the south by the Columbia River, for 10 points, name this state that is home to the city of Seattle and its capital of Olympia.

ANSWER: **Washington** (state)

BONUS: For 10 points each, identify some concepts in chemistry related to particles in mixtures.

[10] This type of material consists of an internal phase and a dispersion medium. Specific types include gels, aerosols and emulsions.

ANSWER: **colloids**

[10] Alternately known as pedesis, this phenomenon can be observed in colloids. This apparently random motion of particles suspended in a liquid was the subject of an influential 1905 journal article by Albert Einstein.

ANSWER: **Brownian** motion

[10] This is the term for the scattering of light by particles in a colloid. It explains why the smoke coming out of motorcycles appear blue and have bigger particles than required by Rayleigh scattering.

ANSWER: **Tyndall** Effect

9. This man turned down the governorship of Oregon when the Taylor administration offered it. At the start of the Mexican-American war, he introduced the never debated Spot Resolutions and later established his anti-expansion views on slavery in his Cooper Union Speech. His opponent advocated the Freeport Doctrine in a series of debates taking place across Illinois. This politician would later suspend the writ of *habeus corpus* as president during the Civil War. For 10 points, name this president who freed the slaves with his Emancipation Proclamation.

ANSWER: Abraham **Lincoln**

BONUS: This novel is alternately titled *The Children's Crusade: A Duty-Dance with Death*. For 10 points each:

[10] Name this novel that follows Billy Pilgrim as he comes unstuck in time, is kidnapped by Tralfamadorians and experiences the fire-bombing of Dresden.

ANSWER: **Slaughterhouse-Five**

[10] This author of *Slaughterhouse-Five* also wrote such as works as *Cat's Cradle* and *The Sirens of Titan*.

ANSWER: Kurt **Vonnegut**

[10] Vonnegut also wrote this short story, in which the 211th, 212th, and 213th amendments to the US Constitution were mandated equal "in every which way," even if it meant using handicaps.

ANSWER: **"Harrison Bergeron"**

10. This quantity is represented by a capital T in the formula for the Hamiltonian, and its average per molecule in an ideal gas is $\frac{3}{2}$ times kt . Its namesake "operator" in quantum mechanics is equal to momentum squared divided by twice the mass, and it is not conserved in inelastic collisions. The rotational type of this quantity is calculated as one-half times the moment of inertia times angular velocity squared. Transferable to potential energy, for 10 points, identify this quantity which can be calculated non-relativistically as one half times $m \cdot v$ squared.

ANSWER: **kinetic energy** [do not prompt or accept "energy"]

BONUS: He wrote many hymns, including "A Mighty Fortress is Our God". For 10 points each:

[10] Name this German priest and theologian who started the Protestant Reformation by nailing his 95 Theses to the door of a church in Wittenberg.

ANSWER: Martin **Luther**

[10] This 1521 assembly met in the titular city and was presided over by Emperor Charles V. Its namesake Edict denounced Martin Luther to be a heretic.

ANSWER: **Diet of Worms**

[10] One of Martin Luther's principal doctrines was this, which states that the Bible is the only source of true wisdom.

ANSWER: **Sola Scriptura**

11. This poet wrote that in his dream “Magnified apples appear and disappear” in one work, and that “for destruction ice / Is also great / And would suffice” in another. One work in the poetry collection *Mountain Interval* states that the titular entity has “better claim, / Because it was grassy and wanted wear,” and another work in the collection *North of Boston* claims that “Something there is that doesn’t love a wall.” For 10 points, identify this poet who wrote “I took the one less traveled by” and “Good fences make good neighbors” in “The Road Not Taken” and “Mending Wall.”

ANSWER: Robert Lee **Frost**

BONUS: Travelling through the Omega-4 relay marks the start of this game’s “suicide mission.” For 10 points each:

[10] Name this 2010 game, in which Commander Shepard assembles a team in order to attack the Collector base, which the player can either destroy or sterilize upon beating the final boss.

ANSWER: **Mass Effect 2** [do not accept or prompt on “Mass Effect”]

[10] This company developed Mass Effect 2, along with other games such as Baldur’s Gate and Dragon Age: Origins.

ANSWER: **Bioware**

[10] Bioware specializes in this genre of game, in which players create a character and gain levels through collecting experience points.

ANSWER: **Role-Playing Game** [accept **RPG**, prompt on partial answer]

12. Christina Maslach played a central role in the termination of this experiment. In order to prevent eye contact, mirrored sunglasses were given to participants, including one who took the name of a movie star. #416 attempted a hunger strike, but was placed in solitary confinement by guards, such as the aforementioned John Wayne. Lasting only six days instead of the planned two weeks, for 10 points, name this notorious botched psychological experiment conducted by Phillip Zimbardo at the eponymous Palo Alto university.

ANSWER: **Stanford Prison** Experiment [prompt on partial answer]

BONUS: Answer these questions about African geography, for 10 points each.

[10] This semi-arid region south of the Sahara stretches from the Atlantic Ocean to the Red Sea.

ANSWER: **Sahel**

[10] This country of the Sahel recently saw its southern half secede to form the world’s newest nation, its namesake “South.”

ANSWER: Republic of the **Sudan** or Jumhuriyat as-**Sudan**

[10] Sudan’s capital is this city that is located at the confluence of the Blue and White Niles. It is lined to its namesake north city and Omdurman to its west by various bridges over the Niles.

ANSWER: **Khartoum** or **Al Hartum**

13. A dove stands on a shelf behind a bull in panic in this painting. In the bottom left of this painting, a hand holds a broken sword, from which a flower grows. Above the sword, a lamp is held by a horrified face that looks in through a window. A horse that has a dagger for a tongue and a skull in its head is gored by the bull. Above all this, a light bulb blazes in the shape of an evil eye. Depicting the bombing of the eponymous Basque town by the Luftwaffe, for 10 points, name this mural by Pablo Picasso.

ANSWER: **Guernica**

BONUS: His namesake paradox exposes a flaw in naive set theory. For 10 points each:

[10] Name this English philosopher and logician who co-wrote the *Principia Mathematica* with A.N. Whitehead.

ANSWER: Bertrand Arthur William **Russell**, 3rd Earl Russell

[10] This Russell essay concerning a certain religion contains sections such as “The Character of Christ” and “What We Must Do”.

ANSWER: **“Why I Am Not a Christian”**

[10] This developer of the theory of general relativity signed an anti-nuclear proliferation manifesto that was authored by Russell.

ANSWER: Albert **Einstein**

14. One character in this work once gave his workers a gallon of whiskey as a gift for Christmas. A letter by Bill Tenner, published in a pulp magazine, is a subject of discussion after it is shown to Slim. This work also sees one character’s dog euthanized by Carlson. The pistol used in that action is later stolen by one of the main characters who uses it to shoot his best friend. Taking its name from a Robert Burns poem, for 10 points, name this novella by John Steinbeck about two migrant farm workers, George and Lennie.

ANSWER: **Of Mice and Men**

BONUS: For 10 points each, answer these questions about a certain political party in American history.

[10] Name this party, led by Alexander Hamilton, that opposed the Democratic-Republicans.

ANSWER: **Federalist** Party

[10] The end of the Federalist Party came with this 1814 gathering that discussed secession as a response to the War of 1812.

ANSWER: **Hartford** Convention

[10] Another objective of the Hartford Convention was to ensure that each president would be from a different state than his predecessor, a move in response to the presidential dynasty from this state.

ANSWER: **Virginia**

15. This composer wrote a composition for violin and orchestra based on the habanera titled *Havanaise*, and he dedicated his *Introduction and Rondo Capriccioso* to Pablo de Sarasate. His Piano Concerto No. 5 is nicknamed “The Egyptian,” and he wrote a tone poem for orchestra titled *Danse macabre*. One of his most famous works includes pianists practicing their scales and xylophones used for fossil skeletons. For 10 points, identify this composer of *The Organ Symphony* and *Carnival of the Animals*.

ANSWER: (Charles-)Camille **Saint-Saens**

BONUS: For 10 points each, give these terms related to ecology.

[10] This term refers to the largest population an environment can indefinitely sustain. It is often symbolized as K.

ANSWER: **carrying capacity** [prompt on partial answer]

[10] This term has Grinnellian, Eltonian and Hutchinsonian definitions. It is commonly defined as the role that an organism plays within its environment.

ANSWER: **niche**

[10] Examples of this type of species include otters, sea stars and jaguars. They are named for their importance to the structure of their respective ecosystems.

ANSWER: **keystone** species [accept **keystone** predator]

16. Eric and Sam try to convince themselves that they did not murder one of the other characters in this work, who was caught in a ring in a primal dance. Early in this work, one character requests to be known as Merridew. That character later occupies Castle Rock with his hunters and opposes the boy who found the conch and his overweight ally, Piggy. The titular entity speaks to Simon in this novel in which Jack and Ralph struggle for leadership of the “littluns.” For 10 points, identify this work in which British boys abandoned on an island degenerate into savagery, an allegorical work by William Golding

ANSWER: Lord of the Flies

BONUS: A “Midnight Judge” sued and won this case against the then-Secretary of State. For 10 points each:

[10] Identify this case in which, for the first time in Western history, a law was declared “unconstitutional,” thereby establishing the practice of judicial review.

ANSWER: Marbury v. Madison

[10] *Marbury v. Madison* was overseen by this Chief Justice, who built up the power of the judicial branch of the federal government as the longest-serving Chief Justice in US history.

ANSWER: John Marshall

[10] Marshall ruled on this Supreme Court case, in which a dispute over the right to operate steamboats between New Jersey and New York led to Congress given the power to regulate interstate commerce.

ANSWER: Gibbons v. Ogden

17. This man’s first senatorial reelection bid was challenged by by Manvel Davis. A product of the Pendergast political machine, this man chaired a namesake committee that investigated waste in arms manufacturing during WWII. He called the legislature at the time of his presidency the “Do Nothing Congress”, despite Congress passing the Taft-Hartley Act over his veto. As president, he established the containment policy through his namesake doctrine, recognized Israel and desegregated the military. For 10 points, name this president who was, along with Thomas Dewey, the subject of an erroneous Chicago Tribune headline.

ANSWER: Harry S. Truman

BONUS: These works are housed in La Quinta del Sordo, just outside Madrid. For 10 points each:

[10] Name this group of paintings that includes *Fight with Cudgels* and *Saturn Devouring His Son*, so named for the dark and haunting themes and his bleak outlook on humanity.

ANSWER: Black Paintings

[10] This artist created the Black Paintings and other works such as *The Sleep of Reason Produces Monsters* and two Majas, one naked, one clothed.

ANSWER: Francisco Jose de Goya y Lucientes

[10] A cathedral can be seen in the background of this other Goya work which depicts French soldiers preparing to shoot an unarmed captive.

ANSWER: The 3rd of May, 1808 or El tres de mayo de 1808 en Madrid or Los fusilamientos de la Montana del Principe Pio or Los fusilamientos del tres de mayo

18. In one of this author’s novels, a gypsy seduces one title character and the other becomes an abbot. That novel, *Narcissus and Goldmund*, was published three years after another by this author in which features a book-within-a-book that is labeled “For Madmen Only”. In another of this author’s novels the title character becomes business partners with Kamaswami and joins a group of ascetics with his friend Govinda. For 10 points, name this German author of *Siddhartha* who also wrote about Henry Haller in *Steppenwolf*.

ANSWER: Hermann Hesse

BONUS: This moon's surface is striated with lineae, or dark streaks, which may be formed by the eruptions of warm ice underneath. For 10 points each:

[10] Identify this moon, the 6th largest in the Solar System, which may harbor life in the warm salty ocean underneath its surface.

ANSWER: **Europa**

[10] This 4th largest moon in the Solar System is also the most geologically active, with over 400 active volcanoes, some producing sulfuric plumes that make its surface yellow.

ANSWER: **Io**

[10] The largest of the Galilean moons, Ganymede, is larger than this planet with the highest orbital eccentricity. The perihelion of its orbit precesses around the Sun, which was explained by Einstein. It was visited by the Mariner 10 and MESSENGER spacecrafts.

ANSWER: **Mercury**

19. In this film, one character tells a joke involving a family of tomatoes. That character's husband had a Samoan man thrown off a building, which is the subject of much debate between two men who later call Mr. Wolfe. Christopher Walken's character gives a young Butch Coolidge an eponymous gold watch during a flashback scene and the book of Ezekiel is quoted by Jules before he shoots a man who repeatedly said "What?". For 10 points, name this 1994 Quentin Tarantino film starring John Travolta, Samuel L. Jackson and Uma Thurman.

ANSWER: **Pulp Fiction**

BONUS: He wrote works such as *Moses and Monotheism* and *Society and Its Discontents*. For 10 points each:

[10] Name this father of psychoanalysis who formulated the concepts of Id, Ego and Superego.

ANSWER: Sigmund **Freud**

[10] This student of Freud created such ideas as the animus/anima and collective unconscious.

ANSWER: Carl **Jung**

[10] This Jungian concept describes two unrelated events that observed together in a meaningful manner.

ANSWER: **Synchronicity**

20. Diplomatic relations between two of the nations involved in this event were strained by the Es Samu Incident. U.N. Security Council Resolution 242 and the Khartoum Resolutions were passed in the wake of this conflict. One side used a preemptive strike, known as Operation Focus, to wipe out its opponent's air force. The closing of the Straits of Tiran was one cause of this war, which saw the Golan Heights and West Bank change hands. For 10 points, name this 1967 war that pitted Israel against Egypt, Syria and Jordan and took place over the eponymous length of time.

ANSWER: **Six Day War** or **Milhemet Sheshet Ha Yamim** or an-**Naksah**

BONUS: This work takes its name from a poem by Paul Verlaine. For 10 points each:

[10] Name this piano piece, the third movement of *Suite Bergamasque*.

ANSWER: **Clair de Lune**

[10] Name this composer of Clair de Lune also wrote Prelude to the Afternoon of a Faun, a French Impressionist.

ANSWER: (Achille-)Claude **Debussy**

[10] This other Debussy work, an orchestral composition, contains sections such as "Play of the Waves" and "From Dawn to Noon"

ANSWER: **La Mer** or **The Sea**

Tiebreaker Questions

TB1. Sanderson proposed a method of calculating this value based on the reciprocal of atomic volume, and Allen proposed one of the simplest definitions of this value by relating it to the average energy of the valence electrons in a free atom. Mulliken averages the first ionization energy and the electron affinity to calculate this quantity, first proposed in valence bond theory by Linus Pauling, who chose hydrogen as a reference at 2.2 and gave fluorine a value of nearly 4. For 10 points, identify this chemical property, the tendency of an atom to attract electrons

ANSWER: **electronegativity** [accept nothing else]

TB2. This monarch oversaw the Nine Years' War in Ireland. The Pope Pius V issued the bull *Regnans in Excelsis* against this monarch, who had the Duke of Norfolk executed after the failed Ridolfi Plot.

William Cecil and Sir Francis Walsingham assisted this monarch's reign, the latter of whom discovered the Throckmorton and Babington plots against her life, who had Mary, Queen of Scots, executed. For 10 points, identify this Tudor "Virgin Queen" from 1558 to 1603 who defeated the Spanish Armada in 1588.

ANSWER: **Elizabeth I** [accept **Elizabeth Tudor**, prompt on Elizabeth]