

**Michigan MLK Tournament
2004**

**Florida
Packet
A**

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Florida Packet A
TOSSUPS

1. After winning the Hutchinson Prize for composition at Williams he studied with Milton Babbitt and wrote scripts for the "Topper" TV series, as well as lyrics for *Gypsy* and *West Side Story*. He began to compose the music for his theatrical works with *Assassins*, *A Funny Thing Happened on the Way to the Forum*, and *Company*. FTP, name this composer of *Sweeney Todd* and *Sunday in the Park with George*.

A: Stephen Sondheim

2. After studying painting in Paris, he served as a war correspondent in South Africa and Cuba. In 1898, his first novel, *Moran of the Lady Letty*, was published, and it was followed by *Vandover and the Brute*. *The Pit* and *The Octopus* are the two parts that he finished of his planned *Epic of the Wheat*. Dentistry is best left to the professionals could be listed as the moral of the masterpiece of, for 10 points, what naturalist author of *McTeague*.

A: Frank Norris.

3. The gas named for him may consist of non-interacting electrons, and liquid helium-3 is an example of his namesake liquid. His Golden Rule describes transition rates in quantum mechanics, and, with Dirac, his name describes statistics of particles which are also named for him. FTP, name this man who conducted the first nuclear chain reaction at Chicago, just a few miles from the giant particle accelerator lab named for him.

Answer: Enrico Fermi

4. After operating a ferry service between Staten Island and New York, he worked for Thomas Gibbons as a steamboat captain. During the 1848 Gold Rush he formed the Accessory Transit Company to take miners to California via Nicaragua, and during the Civil War he bought into railroads; by 1873 he offered the first direct rail service from New York to Chicago. FTP, name this American tycoon who in his 1877 will left \$1 million dollars to Central University in Nashville, and who was also known as the Commodore.

A: Cornelius Vanderbilt

5. During the rainy seasons of March and April the Great Zab and the Little Zab double the flow of this river. It originates in the Southeastern Taurus Mountains at Lake Hazar in Turkey, and then flows southward for nearly 1200 miles until it enters the Shatt al-Arab. At the time of Alexander the Great it still has a separate mouth but now the Euphrates merges with, for 10 points, what other major river of Iraq.

A: Tigris River

6. It is owned by Count West-west, and is run by Klamm. A man with orders to be a land surveyor tries to go there, but he cannot and spends his time in the town. Two men, Arthur and Jeremiah,

are seen coming from here, and they tell K that they are his old assistants. K takes Frieda, the barmaid, as his mistress, because he learned that she was Klammer's mistress, and he still hopes to reach his objective. FTP, name this objective of K, the title of a Franz Kafka novel.

A: The Castle

7. Congress sought to restrict the scope of this decision in the Omnibus Crime Control and Safe Street Act of 1968; Chief Justice Warren, writing for a 5-4 majority, expanded the 1964 case of *Escobedo v. Illinois*, arguing that a suspect must know that he has a Fifth Amendment right not to incriminate himself. FTP, name this Supreme Court decision, which resulted in cops telling suspects, You have the right to remain silent.

A: Miranda v. Arizona

8. Chaperones such as DnaK and GrpE can aid this process, which Christian Anfinsen found in the 1960s to be governed by the compound itself. Recently it was found to occur in just 4 microseconds for the Trp-cage molecule. The problem of this name refers to the inability to crystallize a molecule without changing its structure, leaving us unable to find its all-important 3-D shape. FTP, this is what process in which a chain of amino acids spontaneously bind themselves into a certain 3-D shape?

Answer: protein folding

9. It was to consist of 11 regiments of cavalry, 12 regiments of infantry, and 1000 dragoons, most of them raised from the Eastern Association; after the Self-Denying Ordinance, Essex was succeeded as commander by Sir Thomas Fairfax. Under Fairfax it won at Naseby, and after Oliver Cromwell became the commander, it defeated Charles II at Dunbar and the Scots at Worcester. FTP, name this Roundhead army during the English Civil War.

A: New Model Army

10. Pope Alexander VI forbade him to preach, but the ban was lifted for Lent in 1496, and his sermons at San Marco's, on Amos, specifically attacked the Pope. His opponents, the Arrabati, got another preaching ban, but that did not stop the bonfire of the vanities from taking place. After his 1498 sermons on Exodus, after he had already been excommunicated, the powers that be in Florence deserted, for 10 points, what Dominican who was hanged for heresy.

A: Girolamo Savonarola

11. A 1996 Berkeley study found that it is more like liquid honey than a solid crystal, since it is a metal just below the local melting point. A 1996 Columbia study found that it rotates faster than the crust, having completed an extra quarter turn in the last century. It permits both shear and pulse waves, but its shear waves can not be directly detected, except as delayed pulse waves from a surrounding layer. FTP, name this region at the center of the Earth.

Answer: inner core or solid core

12. This opera is set at two locales in Paris: Maxim's restaurant, and the Pontevedrian embassy. Baron Mirko Zeta, the Pontevedrian ambassador, wants to ensure that the fortune of the Hanna Glawari remains within Pontevedria by marrying her off to Danilo, an embassy official. In the end Hanna and Danilo do marry. FTP, name this operetta by Franz Lehar.

A: The Merry Widow. or Die lustige Witwe

13. During the War for Independence he led the defense of Jerusalem; as army chief of staff, he conceived the plan for the Six Day War. He succeeded Golda Meir as Prime Minister in 1974, but was forced to resign in 1977 following revelations that he kept an American bank account. Serving as defense minister in the first stage of the intifada in the 1980's, he defeated Yitzhak Shamir in 1992 to become Prime Minister again. FTP, name this Israeli, who signed the Oslo accords before being assassinated in 1995.

A: Yitzhak Rabin

14. After spending time painting with Courbet near Biarritz, his *Symphony in White No.1: The White Girl* was shown in Paris in 1862. A trip to Chile inspired *Symphony in Grey and Green: The Ocean*, and his interest in Japanese art is reflected in *Old Battersea Bridge*, from 1875. Bankrupted after he won a libel case against John Ruskin, he spent the last years of his life in Venice and London. FTP, name this man who painted an arrangement in grey and black of his mother.

A: James Abbot McNeill Whistler

15. A member of Walter Camp's first all-American football team, he was at Springfield when Naismith invented basketball. In 1896, his Chicago team defeated Iowa in the first basketball game with five players on each team. Late in life he coached at Pacific University after spending 42 years as head football coach at the University of Chicago. FTP, name this football coach and innovator.

A: Amos Alonzo Stagg

16. Oronte came by to visit him to read one of his sonnets; he was too honest to give false praise. He is slightly in love with Eliante, whom Philinte eventually marries, but he proposes to Celimene, despite Celimene's friend Arsinoe being in love with him. Celimene accepts, but will not go in to exile with him. FTP, name this Moliere title character who hates the world.

A: The Misanthrope also accept Alceste

17. After graduating from Annapolis in 1905, he commanded a destroyer in the Phillipines, served as chief of staff to the commander of the Atlantic submarine force, and helped organize the Naval ROTC program at Berkeley. In December 1941 he succeeded Husband Kimmel as commander of the Pacific fleet, and led the fleet throughout the war. FTP, name this architect of victory in the Pacific in World War II.

A: Chester Nimitz

18. The melody comes from the song 'No More Auction Block for Me,' and the words were by Charles Tindley. At a strike at the American Tobacco Company in Charleston, South Carolina, in 1945, Lucille Simmons began to sing it to encourage the strikers. The title phrase was first used in a Quaker sermon by William Penn in the 17th century. FTP, name this anthem of the civil rights movement.

A: We Shall Overcome

19. Their last season was 1922, but their successor, the Experimental Theatre, lasted until 1929. Their first performance was the play *Constancy*, by Susan Glaspell and George Cook, and in 1916, shortly before moving to Greenwich Village, they performed Eugene O'Neill's first play, *Bound East For Cardiff*. FTP, name this American theatrical group.

A: Provincetown Players

20. Lazare was known as the Organizer of Victory for his role as military advisor of the Committee of Public Safety and opposed Napoleon's coronation; Hippolyte was a leading opponent of the July Monarchy; Sadi was elected President of the French Republic in 1887 but was assassinated in 1894; the earlier Sadi, the son of Lazare, described a theory relating to heat engines that led to the development of Diesel engines. FTP, name this family.

A: Carnot

21. In 1677, he became composer for Charles II's string orchestra, and two years later became organist at Westminster Abbey. He wrote incidental music for a number of late Restoration plays, such as *Diocletian*, *King Arthur*, and the *Faerie Queen*, and also wrote an Ode for St. Cecilia's Day. His greatest work was written for a girl's school in Chelsea. FTP, name this British composer of Dido and Aeneas.

A: Henry Purcell

22. He was ordained a priest in 1789, and his interest in agricultural innovation made the Spanish suspicious of him. Involved in a secret society supporting King Ferdinand after the French invasion of 1808, on September 16, 1810, he rang his church bell in Dolores to begin a revolution against Spanish rule. His campaign, under the banner of the Virgin of Guadeloupe, eventually lost steam, and he was captured and executed in early 1811. FTP, name this Mexican priest, the father of Mexican independence.

A: Father Miguel Hidalgo y Costilla

23. Most modern ones have two sections; the first is a ceramic honeycomb coated with rhodium and platinum, and the second has a palladium and platinum honeycomb. Oxygen produced in the first section aids the chemical reaction in the second section, and an engine management system adjusts the air-to-fuel ratio to improve this device's efficiency. Lead contamination destroys this device, which is one reason leaded fuel is now gone. FTP, name this device which reduces the amount of carbon monoxide and nitrogen oxide in car emissions.

Answer: catalytic converter

24. At his 1512 death, he was astronomer to the king of Spain; four years earlier, he had been named chief navigator of the Spanish Empire. Originally the head of the Medici family interests in Seville, he helped arrange Columbus' last three voyages, and in a series of letters to Piero Soderini, claimed to have made four voyages himself. The German cartographer Martin Waldseemüller read the letters and named the new continents for him. FTP, name this namesake of the New World.

A: Amerigo Vespucci

25. When a population inversion occurs under the right circumstances, negative Kelvin can be achieved, however it is not a violation of any thermodynamic law because temperature is thought of in terms of this, and not kinetic energy. This quantity is always equal to zero in the Carnot cycle, and in an adiabatic process. However, in an isolated system it must be increasing. FTP name this quantity, defined by heat flow per degree Kelvin.

Answer: entropy

26. After receiving a law degree from the University of Montreal in 1943, he founded Free City, a monthly magazine. Appointed minister of justice by Lester Pearson in 1967, he succeeded Pearson as Prime Minister in 1968. In 1982, he presided over the legislation that led to Canadian independence from the British Parliament, and resigned two years later. FTP, name this Canadian, known for his flashy wife Margaret.

A: Pierre Trudeau

27. He was conceived on the night between the first Sunday and first Monday of March 1718. His mother interrupted his father during conception by asking him if he had remembered to wind the clock. According to his parents' marriage contract, his mother was supposed to give birth in London, but instead he was born in the country. Born on November 15, 1718, he is supposed to be named Trismegistus, but is given another name instead. FTP, name this hero of a satirical novel by Lawrence Sterne.

A: Tristram Shandy

28. He died in 1793 while serving his ninth term as governor; five years previously he had presided over his state's convention that ratified the Constitution, though he disliked the document. In 1770, he led the Boston committee formed immediately after the Boston Massacre to demand the removal of British troops from the city, and he was one of the men being sought when the British marched to Lexington. FTP, name this man, who presided over the Second Continental Congress and was the first signer of the Declaration of Independence.

A: John Hancock

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BONUSES

1. After Winston Churchill retired at the age of 80 in 1955 as Prime Minister he was succeeded by three Conservatives in nine years. Name them from a description.

1. The former foreign secretary, he lasted barely two years before being forced out of office by the Suez Crisis.

Answer: Anthony Eden

2. Known facetiously as SuperMac this former book publisher and housing director served from 1957-1963 and famously told the British public that they'd never had it so good.

Answer: Harold Macmillan

3. He resigned his hereditary title to serve as prime minister for a year, before losing to Harold Wilson. Later he served as foreign secretary.

Answer: Alec Douglas-Home

2. Name these things from Argentinian literature from clues FTPE.

1. Writers of this include Domingo Sarmiento, Jose Hernandez, and Estanislao del Campo. It is a poetic genre that imitates the ballads sung with guitars by wandering cowboy minstrels.

Answer: Gaucho literature

2. His works include *Fervor of Buenos Aires*, *A Universal History of Infamy*, *The Aleph* and *other Stories*, and *The Book of Imaginary Beings*.

Answer: Jose Luis Borges

3. His novels include *Betrayed by Rita Hayworth* and *Kiss of the Spider Woman*

Answer: Manuel Puig

3. Identify these Greek sculptors from clues FTPE.

1. The artistic director of the construction of the Parthenon, he sculpted the Athena Promachos, the Lemnian Athena, and the Athena Parthenos.

Answer: Phidias

2. He came from the school of Argos, and two of his statues include Man Tying on a Fillet, and Spear Bearer.

Answer: Polyclitus

3. This Attic sculptor's only surviving work is Hermes Carrying the Infant Dionysus, though Pliny the Elder says he also did Aphrodite of Cnidus.

Answer: Praxiteles

4. Identify these figures from current French politics FTPE.

1. Originally a Poujadist, he led the Front National to second-place finish in the French presidential elections of 2002.

Answer: Jean Marie Le Pen

2. Le Pen lost to this man, who won reelection as President of France after first being elected in 1995.

Answer: Jacques Chirac

3. With the success of the conservative parties in elections to the National Assembly this foreign policy advisor to Chirac became foreign minister.

Answer: Dominique de Villepin

5. Stuff about blood types, FTSNOP:

A. First, F5P each, of the four blood phenotypes, identify the two which are most common and least common in the U.S., in that order.

Answer: O and AB [must be in order]

B. FTP, who the 1930 Nobel Prize in Medicine largely for his work in blood typing?

Answer: Karl Landsteiner

C. FTP, antigen D is one of these factors which determine the plus or minus sign associated with blood type.

Answer: Rh factor

6. Think this tournament sucks? Well you never saw a black hole. Name these things, FTPE:

A. This is the surface surrounding a black hole, such that any light ray emitted inside the surface cannot escape because of the strength of the gravitational field. Its also the name of a bad sci-fi movie from a few years ago.

Answer: event horizon

B. A black hole is a gravitationally collapsed mass inside this radius, from which no light, matter, or signal of any kind can escape. It's named for a German guy.

Answer: Schwarzschild radius

C. If two virtual particles are created near the event horizon, one may disappear inside, with the other becoming this type of radiation.

Answer: Hawking radiation

7. Identify these characters from the Hunchback of Notre Dame FTPE.

1. He is the archdeacon of Notre Dame, who is thrown to his death from the belltower at the end of the novel.

Answer: Claude Frollo

2. Frollo loves this gypsy woman, whom he accuses of a murder he himself committed. She is hanged at dawn for Frollo's crime.

Answer: Esmerelda

3. The hunchback, he is devoted to Esmerelda and kills Frollo because of Frollo's role in Esmerelda's death.

Answer: Quasimodo

8. Name these setters of fashion in 19th century America from clues FTPE.

1. These two lithographers and printmakers issued such prints as a steamship burning in Long Island Sound and The Ruins of the Merchants Exchange.

Answer: Currier & Ives

2. These were the lower part of rational dress advocated by a 19th century feminists, and consisted of loose trousers gathered at the ankles beneath a skirt.

Answer: Bloomers

3. This illustrator's pen-and-ink drawings of his girl established the ideal of American femininity late in the century.

Answer: Charles Gibson

9. Chilean geography. Clues. TPE.

1. Located on the Mapocho river, international flights come in at Pudahuel. Capital since 1818, buildings include the Palace of the Governors and the Church of Recoleta Franciscana.

Answer: Santiago

2. The chief port of Chile, Chile's bicameral legislature has been located here since 1990. The city is also the site of the Chilean naval academy, the Plaza Sotomayor, and the Church of La Matriz.

Answer: Valparaiso

3. Administratively a part of Valparaiso though 2200 miles away from it, this island contains 600 giant stone statues, and the people divide themselves between the Long and Short Ears groups.

Answer: Easter Island

10. Identify these Europeans who helped during the American Revolution from clues FTPE.

1. This French aristocrat played an important role at the battle of Yorktown and later helped draft the Declaration of the Rights of Man.

Answer: Marquis de Lafayette

2. This former Prussian army officer trained the Continental Army at Valley Forge.

Answer: Baron von Steuben

3. This Polish nobleman and hero of the Confederacy of the Bar helped defend Charleston in 1779, and was killed after an attack on Savannah.

Answer: Kazimierz Pulaski

11. Answer the following questions about a theory from biology FTPE:

This theory states that evolution does not occur slowly over time, but rather very quickly over short periods with the rest of the time being an evolutionary standstill.

Answer: Punctuated equilibrium

This is the recently deceased Harvard biologist who theorized punctuated equilibrium and is also famous for such books as *Time's Arrow*.

Answer: Stephen Jay Gould

This is the man who along with Stephen Jay Gould proposed punctuated equilibrium.

Answer: Niles Eldredge

12. Identify these characters from *For Whom the Bell Tolls* FTPE.

1. An American schoolteacher who goes to Spain to join the Republican forces, at the end of the novel he is waiting to die after blowing up a bridge.

Answer: Robert Jordan

2. She joins the guerilla band and spends some time as Robert Jordan's mistress.

Answer: Maria

3. Married to Pablo, this peasant woman leads the guerilla group with whom Jordan blows up the bridge.

Answer: Pilar

13. Name these economists from clues FTPE.

1. This Austrian thought socialism was just a step towards totalitarianism, and said as much in his *The Road to Serfdom*.

Answer: Friedrich Hayek

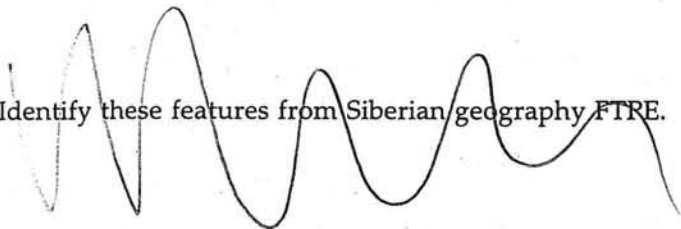
2. After serving as Austrian finance minister in 1919, he developed theories of the business cycle and wrote *Capitalism, Socialism, and Democracy*.

Answer: Joseph Schumpeter

3. In his 1890 work *Principles of Economics* he introduced the concepts of the supply and demand curve, elasticity of demand, and consumer surplus.

Answer: Alfred Marshall

14. Identify these features from Siberian geography FTPE.



1. The major ports on this sea are Magadan and Korsakov; it is bordered by the Kuril Islands, Hokkaido on the south, and Sakhalin.

Answer: Sea of Okhotsk

2. This peninsula lies between the Sea of Okhotsk on the west and the Pacific Ocean and Bering Sea on the east.

Answer: Kamchatka

3. The seventh-longest river in the world, it begins in the Altai mountains, and passes throughout Siberia to the Kara Sea of the Arctic Ocean.

Answer: Ob River

15. Answer these questions about troubled press magnet Conrad Black FTPE.

1. Issues of executive compensation plague this company, run by Black, that owns the Jerusalem Post and the Chicago Sun-Times.

Answer: Hollinger International

2. The jewel in the Hollinger crown is this London daily newspaper, known for its support of the Conservative Party.

Answer: Daily Telegraph

3. Black recently wrote a biography of this US President entitled *Champion of Freedom*.

Franklin Delano Roosevelt also accept FDR

16. Name these figures from English history from before the Norman Conquest from clues FTPE.

1. This Wessex king defeated the Danes and translated Boethius and St. Augustine, but he couldn't cook worth squat.

Answer: Alfred the Great

2. He was king of England, Denmark, and Norway, the son of Sweyn Forkbeard, and according to legend, told the waves to stop, which they didn't, oddly enough.

Answer: Canute

3. He failed to prevent the Danes, led by Sweyn Forkbeard and Canute, from taking over England, and fled to Normandy. Edward the Confessor was his son. His nickname actually means poorly advised.

Answer: Ethelred the Unready

17. Name the halogen elements which fit these descriptions, FTP each:

A. The rarest of the five halogens, all of its isotopes are radioactive.

Answer: astatine

B. A greenish-yellow gas at room temperature, this abundant halogen is a component of phosgene gas.

Answer: chlorine

C. Isolated by Moissan, it is the most electronegative element.

Answer: fluorine

18. The 1936 presidential election. Clues. TPE.

1. Franklin Roosevelt defeated this Kansas Republican Governor that year, taking 46 states.

Answer: Alf Landon

2. Name either of the two states that Landon did carry.

Answer: Maine or Vermont.

3. Landon, the only major party presidential candidate to live to 100, saw this woman, his daughter, elected to the Senate from Kansas in 1978. She served three terms.

Answer: Nancy Kassebaum Baker (accept either name)

19. When given an NFL team, name the man they recently hired as head coach FTPE.

1. Buffalo Bills

Answer: Mike Mularkey

2. Washington Redskins

Answer: Joe Gibbs

3. Atlanta Falcons

Answer: Jim Mora Jr.

20. Name these things from Napoleon's invasion of Russia from clues FTPE.

1. This czar had signed a treaty with Napoleon at Tilsit in 1807, but later chose to opt out of the Continental System.

Answer: Alexander I.

2. This general led the scorched-earth retreat back to Moscow that left Napoleon with no supplies.

Answer: Mikhail Kutuzov

3. Kutuzov suffered a narrow defeat at this battle, and Napoleon occupied Moscow a week later.

Answer: Borodino

21. Name these classic films set in World War I, FTP each:

A. This 1957 Stanley Kubrick film is about the arrest and execution of three random French soldiers whose regiment refused to undertake a suicidal charge ordered by their commanders.

Answer: Paths of Glory

B. This Jean Renoir masterpiece from 1937 is about a prison break and the fall of the old aristocratic order.

Answer: Grand Illusion

C. The two title characters of this great 1962 Francois Truffaut film fight on opposite sides, before resuming their love triangle with Catherine.

Answer: Jules and Jim

22. Name these horses from clues FTPE.

1. Ridden by Rod Turcotte, in 1973 this horse became the first since Citation to win the Triple Crown.

Answer: Secretariat

2. The first unbeaten horse ever to win the Triple Crown, though he lost afterwards. He won the Crown in 1977.

Answer: Seattle Slew

3. This horse won the Triple Crown the next year, the first time there were back-to-back Triple Crowns. He had a spirited rivalry with Alydar. "

Answer: Affirmed

23. Given a New Deal agency, expand its alphabetical title for five points and a bonus five for all correct.

1. CCC

Answer: Civilian Conservation Corps

2. AAA

Answer: Agricultural Adjustment Administration (or Act)

3. NRA

Answer: National Recovery Administration

4. NYA

Answer: National Youth Administration

5. TVA

Answer: Tennessee Valley Authority

24. Name these conductors of the New York Philharmonic from clues FTPE.

1. This current conductor took over in 2002.

Answer: Lorin Maazel

2. This former conductor of the Leipzig Gewandhaus was conductor for the decade previous to Lorin Maazel.

Answer: Kurt Masur

3. This composer of nine symphonies and the *Song of the Earth* conducted the Philharmonic in 1910.

Answer: Gustav Mahler

25. Name these Latin American dictators from clues FTPE.

1. While President of Brazil from 1930-1945 he set up the Estado Novo, a semi-fascist state. In 1954, after being reelected President, he committed suicide.

Answer: Getulio Vargas

2. He was elected President of Argentina in 1945 and 1952, and was helped to rule by his charismatic wife Eva. In the 1970's he served as president again, and when he died he was succeeded by his wife.

Answer: Juan Peron

3. He took over Cuba after the sergeants revolt in 1933, and ruled in spurts until 1959, when the weekly canasta games ended when Fidel Castro took over.

Answer: Fulgencio Batista

26. Show some backbone and answer the following about your phylum and mine, Chordata, FTSNOP:

A. F5P, this is the largest class within Chordata, and humans belong to it.

Answer: Vertebrata or vertebrates

B. F15P, these filter-feeding creatures, which include sea squirts, comprise the subphylum Urochordata.

Answer: tunicates

C. FTP, in addition to pharyngeal gill slits, all members of the phylum have this dorsal longitudinal rod structure at some time in their life cycle.

Answer: notochord