

Packet for Princeton Jeff the Amish Avenger

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Tossups

1. They included members of the Union of Salvation, the Union of Welfare, the Northern Society, and the Southern Society, and counted social and legal reform among their aims. They seized on the death of their country's leader as an opportunity for revolt, especially when the successor they backed, Constantine, did not take the throne. Some of the soldiers they recruited to their cause thought the "constitution" to which they swore allegiance was Constantine's wife. Their uprising in Senate Square was poorly organized, and quickly quashed, and most of the participants were hanged or sent to Siberia. FTP, name these Russian revolutionaries opposed to Nicholas I, named for the timing of their revolt.

Decembrists (accept Decembrist revolt, Dekyabristi or equivalents)

2. Chapter titles include "Eliot's Pulpit", "A Knot of Dreamers", and "A Modern Arcadia". Priscilla falls under the evil spell of the hypnotist Westervelt. Zenobia, the half-sister of Priscilla, drowns herself when she finds out that Hollingsworth loves Priscilla and not her. The narrator, Miles Coverdale, admits in the end that he too loved Priscilla. All this occurs in what novel, whose titular Utopian community is based on Brook Farm, where, FTP, the author, Nathaniel Hawthorne, lived for ten years?

The Blithedale Romance

3. Despite impassioned campaigning, polls showing support for and opposition of this initiative changed little over the course of the election season. Some say it violates the Privileges and Immunities Clause by refusing to recognize a set of legal acts performed in other states, though the Supreme Court has not yet ruled on this matter. Recent acts by the Vermont legislature may, however, allow a case to be brought challenging the new state amendment it created. FTP, what fourteen-word ballot initiative passed in California in March, recognizing marriage as between only "one man and one woman"?

Proposition 22 or Knight Initiative

4. He has published a children's book, *How the Leopard Got His Claws*, as well as two books of poems, *Beware*, *Soul-Brother* and *Christmas in Biafra*. In his book of essays, *Morning Yet on Creation Day*, he states his belief that "any good story, any good novel, should have a message, should have a purpose." However, he is best known for his novels, which unsentimentally depict the social and psychological disorientation accompanying the imposition of Western customs and values upon traditional African society. FTP, identify this Ibo (EE-bo) author of *Man of the People*, *Anthills of the Savannah*, and *Things Fall Apart*.

Chinua Achebe

5. It was first detected in 1974 by two groups of American physicists working independently at the Stanford Linear Accelerator Center and the Brookhaven National Laboratory. Burton Richter and Samuel Ting shared the 1976 Nobel Prize for its discovery. It has a mass of about 3.5 times larger than the mass of a proton, and provided support for the existence of a fourth quark in addition to those predicted by early quark models. Consisting of a charm and anti-charm quark, this particle is, FTP, what type of meson?

J/Psi meson (or particle)

6. The development of linear programming, a mathematical technique for solving complex problems of economic operations. A namesake paradox which states that, though the United States has more capital than most other nations, the majority of U.S. imports were of capital-intensive goods. And, most famously, the input-output method of economic analysis. All of these are attributed to, FTP, what Russian-born American awarded the Nobel Prize in Economics in 1973?

Wassily Leontief

7. Movements include dances of the wet-nurses, the peasant and the bear and the gypsies. It begins and ends at the Shrovetide Fair. The title character is in love with the Ballerina, but she prefers the Blackamoor. When the protagonist, who is represented by two clarinets playing in C and F sharp major, catches Ballerina and Blackamoor together, he is enraged, but Blackamoor ends up killing him. Of course, that's assuming that a puppet brought to life can really die. FTP, identify this ballet, composed by Igor Stravinsky.

Petrushka

8. In the unfinished second part of this novel, the highly efficient farm of Kostanzhoglo is described. The first part ends with a famous description of Russia as a speeding troika. The protagonist, Chichikov, is an ambitious, shrewd, and unscrupulous adventurer. He goes from place to place buying, stealing, and wheedling from their owners the titles to serfs whose names appeared on the preceding census lists, but who had since passed on. With this "property" as security he plans to raise loans with which to buy an estate with living serfs in, FTP, what novel by Nikolay Vasilyevich Gogol?

Dead Souls

9. Its name comes from what the Wouri River estuary was called by Portuguese explorers of the 15th and 16th centuries. The southern region extends from the Sanaga River to the southern border, while the central region extends east from the western highlands and from the Sanaga River north to the Bénoué River. The volcano named for this country is the highest peak in Western Africa. FTP, identify this country bordered by Nigeria, Chad, Central African Republic, Congo, Gabon, and Equatorial Guinea, with capital at Yaoundé.

Cameroon

10. The first version appeared in 1912 as "Maiastra". It was in marble, and was based on a figure from the popular legends of the artist's native land. However, in 1919, the artist found that he could better present the elliptical, slender lines of the creature in bronze. Unfortunately, U.S. customs didn't quite agree and instead believed it was an illegal industrial part. FTP, identify this modern sculpture, created by Constantin Brancusi.

Bird in Space

11. The equality of two volumes of two tetrahedra of equal bases and equal altitudes. Building up of space from congruent polyhedra. Determination of the solvability of a diophantine equation. A mathematical treatment of the axioms of physics. Some of his problems were solved as he anticipated, some contrary to his expectations, some may never be completely finished. These problems, 23 in all, were presented in an address to the International Congress of Mathematicians in Paris by, FTP, what German mathematician?

David Hilbert

12. He lived much of his life in Normandy, until returning to England to become its king. His accession to the throne was largely due to Godwin, Earl of Wessex, who later became his father-in-law. He later turned against Godwin, but they were reconciled due to Godwin's popularity with the people. On his deathbed, he named Godwin's son Harold as his successor, but Harold was soon killed by William the Conqueror. FTP, identify this pious king, founder of Westminster Abbey.

St. Edward the Confessor

13. It is the third play of a trilogy, but the first two plays, *Laius* and *Oedipus*, have not survived. Part of the mythological background of the play is the prophecy of Oedipus that his two sons would kill each other. As the play opens, the brave and noble king, Eteocles, is addressing a crowd of citizens, urging them to endure the attack of the Argives with courage and to fight boldly. FTP, identify this Aeschylus play, whose title derives from Polyneices and the other six Argive warriors who attack Eteocles' city.

The Seven Against Thebes

14. Lee Buxton, a physician and professor at Yale Medical School, was a co-defendant in the original state case. The supreme court, judging marriage to be a sacred and private bond that lies within a zone of privacy guaranteed by several provisions within the constitution, ruled in 1965 that the state law was unconstitutional based on rights that protect an individual's home and private life from interference by the government. Thus, the director of the Planned Parenthood League of Connecticut was exonerated. FTP, identify this birth control case.

Griswold v. Connecticut

15. He studied chemistry for one year at New York University before beginning a career as a dancer in 1936. He appeared with the Gluck Sandor-Felicia Sorel Dance Center and the American Ballet Theater before turning to choreography. In 1944, he choreographed his first ballet, *Fancy Free*, with music by Leonard Bernstein. FTP, identify this son of Russian-Jewish immigrants named Rabinowitz, whose later collaborations with Bernstein included the popular musical *West Side Story*.

Jerome Robbins

16. It was first given this name by the Boston *Columbian Sentinel* on July 12, 1817, and it was stimulated by two events: the enactment of the first U.S. protective tariff and the establishment of the 2nd National Bank. However, while these events occurred during the presidency of James Madison, this period is more associated with James Monroe. Despite its name, this period saw the intensification of sectional conflicts which would erupt in the 1824 elections. FTP, identify this period after the decline of the Federalist party, during which the U.S. was, in practice, a one-party state on the national level.

Era of Good Feelings

17. After entering the Dominican order at Leipzig, he was appointed inquisitor for Poland in 1509 and later for Saxony. He preached in the German dioceses of Meissen, Magdeburg, and Halberstadt, but he was forbidden to do so in Wittenberg by the elector Frederick III. All of this preaching was done under the auspices of the archbishop of Mainz, who had to contribute a large sum to the rebuilding of St. Peter's Basilica. Thus, Leo X authorized, FTP, what man to sell redemption through indulgences?

Johann Tetzel

18. Named after a colonial secretary, it rises on The Pilot. It flows west and northwest and passes through Hume Reservoir. Later on, it bends sharply southward to flow through Lake Alexandrina to Encounter Bay. In between, it forms most of the boundary between New South Wales and Victoria. FTP, what is this river, whose tributaries include the Ovens, the Goulburn, the Loddon, and the Darling?

Murray River

19. In a television interview, he called martial arts his favorite sport. This choice fits with the tough image he is trying to display in his new role as leader of his country. His first meeting with a Western leader since taking over for his predecessor was with British Prime Minister Tony Blair, a meeting which came just two weeks before the March presidential election that this man is expected to win. The talk concerned the U.K.'s concern with possible human rights violations in the breakaway republic of Chechnya. FTP, identify this acting president of Russia.

Vladimir Putin

20. It served as the constitution of the country it concerned until 1982, when it was renamed the Constitution Act of 1867, the year it was passed by Parliament. It provided for a legislature consisting of a Senate with members appointed for life and a House of Commons elected from the provinces, but the executive authority was still vested in the British monarch. Disputes over the division of power caused Prime Minister Pierre Trudeau to pursue a revision of it. FTP, name this act, which united three British colonies to create "one Dominion under the name of Canada".

British North America Act

21. First identified in 1976, it has an incubation period of 4 to 16 days. Those infected develop fever, severe headaches and muscle aches, and loss of appetite. Soon, hemorrhaging begins with clots concentrated in the liver, spleen, brain, and other internal organs. It is one of two members of the family Filoviridae (fee-lo-VEER-i-day), along with Marburg virus. FTP, identify this generally fatal virus that takes its name from a river in northern Congo.

Ebola virus

22. While in Paris, he studied Sanskrit, and in 1808 published *Über die Sprache und Weisheit der Indier*, the first attempt at comparative Indo-Germanic linguistics. This followed several earlier studies of classical antiquity. In his later work, influenced by J. G. Fichte's (FEESH-teh) Transcendental philosophy, he saw poetry as philosophical, mythological, and religious. FTP, identify this author of *Aperçus* and *Fragmente*, the originator of most of the ideas that inspired the early German Romantic movement.

Friedrich von Schlegel

23. A former student at the UCLA, in 1974 he won the U.S. Open, Australian Open, and Wimbledon, but he was barred from the French Open. He sued the Association of Tennis Professionals, but dropped his lawsuit after his loss to Arthur Ashe in the 1975 Wimbledon championship. He went on to win the U.S. singles titles in 1976 and 1978 against Björn Borg and in 1982 and 1983 against Ivan Lendl. FTP, name this U.S. tennis great, who will turn 48 in September.

James Scott "Jimmy" Connors

24. In this computer language, based on the work of John McCarthy, all computation is expressed as an application of a function to one or more "objects." Since these objects may be other functions as well as individual data items or data structures a programmer can create functions at the appropriate level of abstraction to solve the problem at hand. Although now superseded by Prolog, FTP, name this computer language, still popular for artificial intelligence.

LISP (accept List Processing)

25. The devil's son who has to go to earth to get his brother before he can "inherit the family business". Car-thief and drug-courier Archie Moses. Pip, the drummer for the Lone Rangers. And Sonny Koufax, a former law student turned toll-booth operator. These characters were all portrayed by, FTP, what comedian in the movies *Little Nicky*, *Bulletproof*, *Airheads*, and *Big Daddy*?

Adam Sandler

Boni

1. Answer these questions FTPE about the work known in Japanese as Makura No Soshi.

A. First, name this book, a diary kept by an 11th century court lady, whose entries are not in chronological order but rather are divided under such headings as "Amusing Things" and "Vexatious Things."

The Pillow Book

B. This book is typical of the diaries of this period of Japanese history, which lasted from 794 to 1185.

Heian Period

C. This woman was the author of the Pillow Book.

Sei Shonagon

2. Given the first two of a sequence of numbers, give the next two numbers in the sequence, 5 for one, 15 for both.

A. Perfect numbers: 6, 28...

496 and 8,128

B. Mersenne primes: 3, 7...

31 and 127

3. Identify these paintings by Claude Monet, FTPE.

A. In this 1868 oil painting, a woman in a blue-striped outfit sits next to a green boat overlooking the titular river. The painting is so full of sunlight that some critics said it hurt their eyes.

On the Bank of the Seine, Bennecourt

B. This 1875 canvas, named for the colorful vessels portrayed in it, captures the glorious sunlight of Argenteuil along the Seine near Paris.

Red Boats, Argenteuil

C. In this 1907 work, probably Monet's most famous after *Impression: Sunrise*, the surface of the pond takes up the whole of the canvas, while the setting sun plays across the namesake vegetation.

Water Lilies

4. Answer the following questions about the Calydonian Boar Hunt FTSNOP.

A. This king of Calydon started the whole mess by neglecting Artemis during the sacrifice of the first fruits of the harvest. F15P, name him.

Oeneus

B. FTP, this son of King Oeneus organized that and was so infatuated with Atalanta that he killed his uncles Toxeus and Plexippus for trying to steal the pelt of the boar, which he had awarded to her for drawing first blood.

Meleager

C. For five points, in the Calydonian boar hunt, Meleager had enlisted the help of several Greek heroes, one of whom Meleager had sailed with on the *Argo*. For five points, name him.

Jason

5. Given some mountains within a chain, identify the chain, FTPE.

A. Shkhara, Dykhtau, Kazbek, and Elbrus.

Caucasus

B. Baba Tangi, Langar, Udrem Zom, and Tirich Mir.

Hindu Kush

C. Valdivieso, Sorondo, Darwin, and Aconcagua.

Andes

6. He was recently sworn in as Chile's first socialist president in nearly three decades.

A. FTP, who is this man, who is promising to fortify a young democracy and help those left out of its legendary free-market expansion?

Ricardo Lagos

B. FFP, Lagos is the first socialist president since this man, overthrown by Pinochet in 1973.

Salvador Allende

C. F15P, this is the man, a rightist rival, that Lagos defeated on January 16 in the closest of the three presidential elections since the end of the dictatorship.

Joaquin Lavin

7. Here's the bone tossed to the pop culture people. Identify these one- (or two-) hit wonders from their flash in the pan, FTSNOP.

A. FFP, "Whip It"

Devo

B. FFP, "Broken Wings"

Mr. Mister

C. FTP, "Rock Me, Amadeus"

Falco

D. FTP, "Tainted Love"

Soft Cell

8. Identify these curves from economics, FTPE,

A. A graphical representation of the relationship between tax rates and government revenue, it was used to support supply-side economic theories.

Laffer curve

B. It is a representation of the economic relationship between the rate of unemployment, or the rate of change of unemployment, and the rate of change of money wages.

Phillips curve

C. Developed by the British economist Francis Y. Edgeworth, it is widely used as an analytical tool in the study of consumer behavior, particularly as related to consumer demand.

indifference curve

9. Identify the poet from works, 30-20-10

30: "Frost at Midnight" and "France: an Ode"

20: "Christabel" and "Dejection: an Ode"

10: "Kubla Khan" and "The Rime of the Ancient Mariner"

Samuel Taylor Coleridge

10. Identify these men who were victims of the guillotine during the French Revolution FTSNOP.

A. FFP, this king was beheaded on Jan. 21, 1793.

Louis XVI, or Louis Seize (sez)

B. FTP, to silence this man, the Convention decreed that a suspect on trial who insulted national justice be excluded from the debate. He replied, "I will no longer defend myself. Let me be led to death, I shall go to sleep in glory." He got his wish on April 5, 1794.

Georges-Jacques Danton

C. FFP, this man, who caused a great many beheadings himself as leader of the Committee of Public Safety, was overthrown during the Thermidorian Reaction and was beheaded on July 28, 1794.

Maximilien-François-Marie-Isidore de Robespierre

D. For a final 10 points, a leader of the Girondins, this man was termed a "liberticide" by Robespierre. First representing Paris in the National Assembly, then Eure-et-Loir, he was accused of causing the war with Great Britain and the Dutch and was beheaded on October 31, 1793.

Jacques-Pierre Brissot (de Warville) (note: The Girondins are also known as the Brissotins)

11. Answer these questions about a man who has received the rare honor of multiple Nobel Prizes.

A. FTP, This American was awarded two Nobel Prizes in Physics, one in 1956 for the transistor and one in 1972 for a theory of superconductivity usually called the BCS-theory.

John Bardeen

B. In 1956, Bardeen shared the prize with two coworkers at Bell Telephone Laboratories. FFPE, identify them.

William Shockley and Walter Houser Brattain

C. In 1972, Bardeen once again shared the prize with two colleagues, the "C" and the "S" in the BCS-theory. FFPE, name them.

Leon N. Cooper and J(ohn) Robert Schrieffer

12. Identify the political leader, 30-20-10

30: He began his career in 1949 in the Force Publique, rising from a clerk to a sergeant major, the highest rank then open to Africans.

20: In 1973 he seized 2000 European owned businesses which he distributed to his cronies. He was noted for his signature leopard skin hat and his style of governing, often called a "kleptocracy."

10: He lead a coup in 1965 and assumed the presidency of the Democratic Republic of the Congo, a position he held until overthrown in 1997 by Laurent Kabila.

Mobutu Sese Seko Koko Ngbendu Wa Za Banga (note: his name means "The all-powerful warrior who, because of his endurance and inflexible will to win, will go from conquest to conquest, leaving fire in his wake")

13. Identify these works by Nietzsche, FTPE.

A. In this work, he wrote with approval of "the distinguished type of morality," according to which "one has duties only toward one's equals; toward beings of a lower rank, toward everything foreign to one, one may act as one sees fit, as one's heart dictates".

answer: Beyond Good and Evil, or Jenseits von Gut und Böse

B. This work, subtitled *How One Becomes What One Is*, includes such sections as "Why I am So Wise", "Why I am So Clever", and "Why I Write Such Excellent Books".

Ecce Homo

C. The title character carries around the dead body of a tightrope walker for a while and also contains the assertion that God is dead.

Thus Spake Zarathustra, or Also Sprach Zarathustra

14. Given rivers that flow into or out of them, name these lakes, FTPE.

A. More than 25 rivers empty into this lake, the largest being the Ramis. One small river, the Desaguadero, drains the lake at its southern end.

Lake Titicaca

B. Rivers emptying into this lake include the Maumee, Sandusky, and the Cuyahoga.

Lake Erie

C. Streams emptying into this lake include Otter Creek and the Mettawee, Poultney, Lamoille, Missisquoi, Boquet, and Saranac rivers.

Lake Champlain

15. Identify these works by Frank Lloyd Wright, FTPE.

A. This building was one of the only large buildings that safely withstood the devastating earthquake which struck Tokyo in 1923.

Imperial Hotel

B. This weekend retreat near Pittsburgh in the Allegheny mountains was cantilevered over a waterfall.

Falling Water

C. Frank Lloyd Wright called this building finished in 1910 the "cornerstone of modern architecture." This Chicago house is a masterpiece of functional form and the epitome of the uniquely American "Prairie School" of architectural design.

Robie House

16. Answer these questions related to a recent controversial New York court case FTSNOP.

A. FFP, this man was killed in a Bronx apartment entryway when a group of police officers mistook his wallet for a gun.

Amadou Diallo

B. FTP, angry reaction increased when the trial was moved to this city.

Albany

C. F15P, name the judge who presided over the Diallo case.

Joseph Teresi

17. Identify the Chinese dynasty from the years it spanned, F15PE. If you need some important events, you'll receive 10.

A. F15P, 1368 AD to 1644 AD.

FTP, During this dynasty, the emperors built the Imperial Palace in Peking, reconstructed and extended the Great Wall, and dispatched sea-going vessels to explore Southeast Asia and the Red Sea. It is best known, however, for its vases.

Ming dynasty

B. F15P, c. 1600 BC to c. 1050 BC

FTP, The first dynasty for which there is archaeological evidence, its last capital was Anyang. It is noted for its "oracle bones" and its bronzes.

Shang dynasty

18. Given a Roman emperor, name his successor FTSNOP.

A. FFP, Caligula

Claudius

B. FFP, Claudius

Nero

FTP, Vespasian

Titus

FTP, Julius Nepos

Romulus Augustulus (the last emperor)

19. Name these reactions from organic chemistry, FTPE.

A. It is a cycloaddition reaction between the two conjugated double bonds of a diene and a carbon-carbon double bond or triple bond. The reaction is very important because two new carbon-carbon bonds and a cyclohexene ring are formed in a single step.

Diels-Alder reaction

B. It is the addition of a nucleophile to one of a pair of conjugated double bonds in unsaturated carbonyl compounds. It is driven by the resonance-stabilized transition state, which then generates enols and ketones.

Michael addition, or Michael reaction

C. In this reaction, the nucleophilic ester enolate adds to the carbonyl group of another ester. The initial reagents in this part of the reaction are energetically preferred, but the subsequent loss of an alkoxide ion to form an acetoacetic ester drives the reaction forward.

Claisen condensation

20. Identify these works of Tom Wolfe, none of which is *Bonfire of the Vanities*, FTPE.

A. This famous 1968 work chronicles the psychedelic drug culture of the 1960s.

The Electric Kool-Aid Acid Test

B. This novel, Wolfe's latest, centers on Charlie Croker, a developer with a high-rise ego, a loud mouth, a power wife, a 29,000-acre quail plantation, a gimpy leg from his Georgia Tech football games, jet planes, and more debts than assets.

A Man in Full

C. This 1964 work, the author's first book, is a collection of essays satirizing American trends and celebrities of the 1960s. It zeroed in on the exotic forms of status-seeking that flourished across the country from New York to Los Angeles.

The Kandy-Kolored Tangerine-Flake Streamline Baby

21. Evil comes in many forms in many religions. FTPE, identify:

A. The king of demons according to Jewish mythology, who was captured by Solomon and pressed into slave labor during the construction of the First Temple.

Asmodeus

B. The equivalent of the Christian and Jewish Satan, this Islamic devil is also known as "aduw", the "enemy", and "ash-Shaytan", the "demon".

Iblis

C. This Hindu deity is a devouring, destructive goddess. The wife of Shiva, she is depicted as a hideous, black-faced hag smeared with blood, with bared teeth and protruding tongue.

Kali

22. Identify these related legal terms FTSNOP.

A. FFP, this type of action or law, forbidden by the Constitution, relates back to a prior time and places a new effect or penalty upon the same set of circumstances existing at that time.

ex post facto

B. FTP, this term refers to situations in which only one party, and not the adversary, appears before a judge. Such meetings are often forbidden.

ex parte

C. F15P, this term refers to emergency conditions. According to *U.S. v. McConney*, it refers to those circumstances that would cause a reasonable person to believe that any relevant prompt action was necessary to prevent physical harm, the destruction of evidence, the escape of a suspect, or some other consequence improperly frustrating legitimate law enforcement efforts.

exigent circumstances

23. Identify the sculptor from works, 30-20-10

30: "Zuccone" and "Jeremiah", for the niches of the campanile of Or San Michele.

20: "St. Mark" and "St. George", two marble statues for the exterior of Or San Michele.

10: "David", a bronze statue originally for the Florentine Baptistery, but later moved to the Palazzo Vecchio.

Donatello, or Donnato di Betto Bardi

24. Identify these biological hypotheses, FTPE.

A. This hypothesis, most strongly supported by Matt Ridley, is an attempt to explain the prevalence of sexual reproduction. It uses the concept of sexual selection and intraspecies competition to explain the driving force behind evolution.

Red Queen hypothesis

B. According to one of its proposers, James E. Lovelock, this hypothesis is a "model, in which the Earth's living matter, air, oceans, and land surface form a complex system which can be seen as a single organism and which has the capacity to keep our planet a fit place for life." It's controversial for intimating that one species might sacrifice itself for the benefit of all living things.

Gaia hypothesis

C. Supported by Francis Crick, this hypothesis suggests that some form of biological material, from microorganisms or spores to simply naked genetic material or protein, wafted through space by radiation pressure from planet to planet or solar system to solar system, and that this is the origin of life on earth.

Panspermia hypothesis (accept Paraspermia)

25 Given a year and the losing team, identify the winners of these World Series FTPE.

A. 1903, Pittsburgh Pirates.

Boston Red Sox (note: this is the first world series)

B. 1956, Brooklyn Dodgers.

New York Yankees

C. 1969, Baltimore Orioles.

New York Mets