

1993 PRINCETON INVITATIONAL

Penn Crusty, written by Brad Hausman and Pat Matthews
TOSSUPS

1. It's common knowledge that President Clinton attended Georgetown University as an Undergrad, but FQTP where did the current President earn his law degree.

ANSWER: YALE University Law School

2. In 165 BC, Judas Maccabaeus (mack-uh-BEE-us) crushed the Syrians. In rededicating the Temple, a one day supply of oil lasted eight days. FTP, what Jewish holiday commemorates this event.

ANSWER: CHANUKAH (HAH-nu-kah) OR Festival of LIGHTS

3. In College Bowl parlance, "FTP" usually means "for ten points," but in computer lingo it stands for a program used to electronically send files. For ten points, what does this "FTP" stand for.

ANSWER: FILE TRANSFER PROTOCOLs

4. In 1728, it had an unprecedented run of sixty-two performances. FTP, name this masterpiece of John Gay, the basis of Bertolt Brecht's Threepenny Opera.

ANSWER: The BEGGAR'S OPERA

5. As more and more students get squeezed on financial aid, a Department of Education investigation has revealed widespread fraud in this federal program. FTP, name this grant program, the namesake of a Rhode Island senator.

ANSWER: PELL GRANT

6. It was an unanimous choice, but its classmate won't be decided until at least the end of November. FTP, under what name will the NFL's twenty-ninth team play in 1994-95.

ANSWER: CAROLINA or PANTHERS

7. His middle name was Gamaliel (gah-MAIL-ee-all). He served as lieutenant governor of Ohio and as a US Senator before winning the Presidency in 1920. FTP, name our twenty-ninth president.

ANSWER: Warren G. HARDING

8. This young persons' group no longer has to pledge belief in God; rather, they may pledge devotion to the spiritual entity of their choice. FTP, name this group started in the US in 1912.

ANSWER: the GIRL SCOUTs

9. A Knight of the Round Table, he was the son of King Lot of Orkney. FTP, name Lancelot's antagonist and counterpart of the Green Knight.

ANSWER: Sir GAWAINE

10. Recently, the Senate voted yes to a formal apology to natives of this state. FTP, name the now US state whose land was seized

in 1893, when the US Navy and diplomats conspired to overthrow Queen Liliuokalani (lee-loo-OKE-ah-lah-nee).
ANSWER: HAWAII

11. The brightest star of Canis Major, this Dog Star is also the brightest star in apparent magnitude. FTP, name this star.
ANSWER: SIRIUS

12. No instrumental accompaniment, and only melodic vocal parts. FTP, name this musical genre that Charlemagne mandated in his realm, wrongly associated with a famous pope.
ANSWER: GREGORIAN CHANTS

13. He wrote The Goodbye Girl, Sweet Charity, Barefoot in the Park, and The Odd Couple. FTP, name this prolific modern playwright.
ANSWER: Neil SIMON

14. While Hannibal was ravaging Italy, Rome tried a desperate stratagem: a direct attack on Carthage itself. FTP, where did Hannibal intercept Scipio's Roman force, but lose in the final Second Punic War battle.
ANSWER: ZAMA

15. During the Civil War he served as a nurse, and he later settled in Camden, NJ. FTP, name this "Good, grey poet" of Leaves of Grass.
ANSWER: Walt WHITMAN

16. When metal is irradiated with certain wavelengths of light, it emits a stream of electrons. FTP, what is this phenomenon, discovered by Heinrich Hertz but explained by Albert Einstein.
ANSWER: the PHOTO-ELECTRIC EFFECT

17. This Colombian author worked as a journalist in Europe before publishing The Leaf Storm, his first novel. FTP, name this author of One Hundred Years of Solitude and Love in the Time of the Cholera.
ANSWER: Gabriel GARCIA-MARQUEZ

18. Kerry, Mayo, Kildare, and Cork are among the twenty-six counties of this island nation. FTP, name this homeland of leprechauns.
ANSWER: Republic of IRELAND

19. It was a three-man mission, but two got all the glory. FTP, while Neil Armstrong and Buzz Aldrin were on the moon in the Eagle, name the astronaut who remained on the Apollo 11 craft.
ANSWER: Michael COOPER

20. He was the forerunner of the Renaissance humanists. A scholar who wrote widely on the classics, he is best known for the Canzoniere, a collection of sonnets. FTP, name this admirer of Laura.

ANSWER: PETRARCH OR Francesco PETRARCA

21. A Colorado court is hearing a case that may decide the constitutionality of a measure passed by voters in 1992. FTP, what Colorado referendum repealed gay rights ordinances in Denver, Boulder, and Aspen.

ANSWER: AMENDMENT TWO of the Colorado constitution

22. For most goods, demand decreases with price. However, there may be some goods whose demand increases with price. FTP, name this class of goods, thought to be largely luxury items.

ANSWER: GIFFEN goods

23. It's synthesized from Cinchona tree bark. First isolated in the 1820's, it had been largely replaced by synthetic drugs, but resistant strains have brought it back. FTP, name this anti-malarial drug.

ANSWER: QUININE

24. This city was the venue for a Dabney Coleman sitcom many years back. It was also the place where Leon Czolgasz (COLE-gazz) assassinated William McKinley in 1901. FTP, name this city.

ANSWER: BUFFALO, New York

25. Contrary to popular belief, this Catholic feast day has little to do with Christ. In fact, it concerns only Mary. FTP, what Catholic holy day celebrates Mary's freedom from Original Sin.

ANSWER: Feast of the IMMACULATE CONCEPCION

26. We all know that the Enola Gay dropped the first atomic bomb on Hiroshima, but for ten points name the plane that dropped an atomic bomb on Nagasaki.

ANSWER: the BOX CAR

27. Large scale computing was made practical by the tiny transistor invented in 1947. FTP, what famous industrial laboratory was the site of the transistor's invention.

ANSWER: BELL LABORATORIES

28. Her nephew was Charles V, Holy Roman Emperor. She was the widow of Arthur. FTP, name the first wife of Henry VIII, whose divorce led to the formation of the Church of England.

ANSWER: CATHERINE OF ARAGON

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BONUSES

25 POINT BONUS

1. Henry VIII of England had succession problems. When it appeared that his only legitimate heir would be a daughter, he briefly considered naming a bastard son his successor. FTP, name the eldest daughter of Henry VIII, and for fifteen points name his bastard son, the Duke of Richmond.

ANSWER: MARY TUDOR or MARY THE FIRST and Henry FITZ ROY

30 POINT BONUS

2. Name this Italian Renaissance painter from his works, 30-20-10.

30) Primavera and Pallas and the Centaur

20) the series of Adorations of the Magi

10) Mars and Venus and The Birth of Venus

ANSWER: Sandro BOTTICELLI

30 POINT BONUS

3. Everyone who's taken algebra is familiar with the quadratic formula. First, FTP, what name is given to the value under the radical sign in the formula, " $B^2 - 4AC$."

ANSWER: the DISCRIMINANT

Now, FTP, what must be true of the value of the discriminant if a quadratic equation has two imaginary roots.

ANSWER: value of discriminant must be NEGATIVE

Now, FTP, what must be true of the value of the discriminant if a quadratic equation has two rational roots.

ANSWER: value of discriminant must be a SQUARE number

25 POINT BONUS

4. McDonald's has served billions of customers with Big Macs, but this venture is a departure for the fast food giant. For twenty-five points, under what name is the McDonald's opening up a series of indoor playground facilities, which won't offer fries or Happy Meals.

ANSWER: LEAPS AND BOUNDS

30 POINT BONUS

5. Identify this philosopher, 30-20-10.

30) He criticized purely speculative systems of thought, calling them irrelevant to existence-making choices.

20) He penned the Concluding Unscientific Postscript.

10) His most famous work was Either/Or.

ANSWER: Søren KIERKEGAARD (KEER-kuh-gard)

30 POINT BONUS

6. Unrest continues unabated in the former Soviet republic of Georgia. FTP, name the region of Georgia where separatists wish to break from Georgia and become part of Russia.

ANSWER: ABKHAZIA (abb-KAHZ-zia)

FTP, the rebels in Abkhazia are led by what deposed Georgian leader.

ANSWER: Zviad GAMSUKHURDIA (GAMM-soo-KUR-dee-uh)

FTP, name the former Soviet foreign minister, now president of Georgia.

ANSWER: Edouard SHEVERDNADZE (shuh-VERD-nod-ZUH)

20 POINT BONUS

7. Name this scientific word, 20-10.

20) In curved space it's the path taken by a freely falling body.

10) It describes a dome designed by R. Buckminster Fuller.

ANSWER: GEODESIC (gee-oh-DEE-sick)

30 POINT BONUS

8. 30-20-10, name the composer.

30) This US musician was educated at Harvard and the Curtis Institute of Music.

20) He gained sudden fame as a substitute conductor at the New York Philharmonic.

10) He's best known for his West Side Story.

ANSWER: Leonard BERNSTEIN

30 POINT BONUS

9. The latest Places Rated Almanac has come out, with its rankings of livability of metropolitan areas. For five points apiece and a five point bonus for all correct, rank the following cities from top to bottom according to the survey: Seattle, Pittsburgh, Philadelphia, Cincinnati, and Toronto.

ANSWER: CINCINNATI, SEATTLE, PHILA., TORONTO, PITTSBURGH

30 POINT BONUS

10. This feminist playwright has explored women's issues in plays such as Top Girls, Vinegar Tom, and Softcops. For thirty points, name this contemporary British playwright.

ANSWER: CARYL CHURCHILL

25 POINT BONUS

11. A century before the American Revolution, there was a rebellion in Virginia. Led by a renegade member of the House of Burgesses, the rebels broke the peace with Indians, then attacked forces loyal to then-governor Berkeley. For twenty-five points, name this uprising that disintegrated upon its leader's death.

ANSWER: BACON'S REBELLION (note: led by Nathaniel Bacon)

25 POINT BONUS

12. Unlike most Italian monks, this man is known today for a business innovation: double-entry bookkeeping. For twenty-five points, name this forefather of modern accountants.

ANSWER: Luca PACIOLI (pah-CHO-lee)

30 POINT BONUS

13. Completed in 1420, it was the home of Chinese emperors for 500 years. FTP, name this 183-acre complex.

ANSWER: the FORBIDDEN CITY

Now, FTP each, name the Chinese dynasty that built the Forbidden City, and the last Chinese dynasty to inhabit it.

ANSWER: MING dynasty was first, CHING dynasty last

20 POINT BONUS

14. "For any given equation of degree 'N', there exists 'N' real or imaginary roots." FTP each, what is this crucial theory in mathematics, and what mathematician was the first to provide a proof for it.

ANSWER: FUNDAMENTAL THEOREM OF ALGEBRA, Carl GAUSS

20 POINT BONUS

15. Baseball's origins aren't known with complete certainty. However, it's likely that baseball developed from, FTP, what English game.

ANSWER: ROUNDERS

Now, for five points each, what two men are credited with inventing baseball, according to which story you believe.

ANSWER: Abner DOUBLEDAY and Alexander CARTWRIGHT

30 POINT BONUS

16. FTP each, given the following three names of days, give the date that it refers to. The entire date must be correct. a)

D-Day

ANSWER: JUNE 6, 1944

b) V-E day

ANSWER: MAY 8, 1945

c) V-J day

ANSWER: SEPTEMBER 8, 1945

30 POINT BONUS

17. 30-20-10, name the mountain.

30) It was first climbed in 1889.

20) It's capped by the dormant volcanic peaks of Kibo and Mawenza

10) It's the highest peak on the African continent.

ANSWER: Mount KILIMANJARO (kee-lee-man-JAH-row)

20 POINT BONUS

18. British monarchs traditionally receive the crown while seated in the Coronation Chair. FTP, the Coronation Chair is in what building.

ANSWER: WESTMINSTER ABBEY (NOT "westminister")

Now, FTP, what symbol of the Scottish monarchy is wedged into the bottom of the Coronation Chair.

ANSWER: the STONE OF SCONE

20 POINT BONUS

19. Shakespeare's Richard III would trade his kingdom for a horse, but Alexander the Great asked for fourteen gold talents to buy his favorite warhorse. For twenty points, name this horse.

ANSWER: BUCEPHALUS (boo-SEFF-uh-luss)

30 POINT BONUS

20. It features characters Hagbard Celine, Simon Moon, and Joe Malik. FTP, name this trilogy filled with conspiracy theorists and secret societies bent on world domination.

ANSWER: The ILLUMINATUS! Trilogy

Now, FTP each, name the two authors of The Illuminatus! Trilogy.

ANSWER: Robert Anton WILSON and Robert SHEA

25 POINT BONUS

21. There have been four instances where a US president has had the same last name as a previous president. For 5 pts each, and a 5 point bonus for all four, given the last name, give me the two first names, and their relationship.

a) Johnson

ANSWER: ANDREW and LYNDON, NO relation

b) Roosevelt

ANSWER: FRANKLIN and THEODORE, COUSINS

c) Harrison

A: BENJAMIN and WILLIAM, GRANDSON/FATHER

d) Adams

ANSWER: JOHN and JOHN, FATHER/SON

30 POINT BONUS

22. Identify this theologian, 30-20-10.

30) His teachings were twice declared heretical, the second time by Bernard of Clairvaux (CLARE-voh).

20) In his career, he was a monk, an abbot, and the founder of the Paraclete (par-uh-CLEET) school.

10) He was the lover of Heloise.

ANSWER: Peter ABELARD

20 POINT BONUS

23. It's the fastest military jet, but it was recently retired from service. For twenty points, name this plane, recently retired by the US Air Force.

ANSWER: SR71 BLACKBIRD

30 POINT BONUS

24. Stepan Verkhovensky (verr-koh-VENN-ski) is an aging idealist. Peter Verkhovensky and Nikolai Stavrogin (staa-VROW-gin) are budding nihilists. Madame Stavrogin is a haughty aristocrat. The book features Stavrogin's "confession scene," which was originally suppressed by czarist censors. For fifteen points apiece, name this Russian novel and its author.

ANSWER: The DEVILS or The POSSESSED, Fyodor DOSTOYEVSKY

30 POINT BONUS

25. Non-Euclidean geometries are formed by changing the Euclidean postulate concerning parallel lines. FTP, what number postulate.

ANSWER: FIFTH postulate or Postulate FIVE

Now, FTP, what class of geometries is created when more than one line parallel to a given line may pass through one point.

ANSWER: HYPERBOLIC geometries

Now, FTP, what class of geometries is created when no lines parallel to a given line may pass through a given point.

ANSWER: ELLIPTIC geometries

20 POINT BONUS

26. The deal between Nelson Mandela's African National Congress and South African President F. W. DeKlerk for multi-racial elections has left many angered. FTP, what radical Zulu group is at odds, saying the agreement does not sufficiently include them.

ANSWER: the INKATHA Freedom Party

Now, FTP, name the leader of the Inkatha Freedom Party

ANSWER: Mangosuthu BUTHELEZI

25 POINT BONUS

27. This Russian composer was a professor at the Petersburg Conservatory, where he composed his greatest works and rewrote most of his early pieces. For twenty-five points, name the composer of Easter Festival and The Golden Kestrel.

ANSWER: Nikolai RIMSKY-KORSAKOV

20 POINT BONUS

28. For twenty points, all or nothing, name the world's fastest passenger jet plane, and the two airlines that jointly own all of those such planes.

ANSWER: CONCORDE, BRITISH AIR, AIR FRANCE