## Florida

Penn Bowl VIII:
ROUND 1 TOSSUPS
Florida

1. Admiral Thomas Moorer remarked about this, "Finally we will be able to win the war." It began May 8,1970 in response to Le Duc Tho's insulting message to Henry Kissinger at a Paris peace conference, and staged over 40,000 bombing sorties over North Vietnam from April 1 to October 22, 1972. FTP, name this operation, which failed to drive North Vietnam to peace through bombing raids and a naval blockade.

## ANSWER: Operation Linebacker

2. In 1998, Prime Minister Bekenibeu Paeniu of this tiny nation negotiated a $\$ 50$ million deal with Canadian company Information.CA [dot C A] for rights to the nation's much coveted domain name. With a GDP of barely $\$ 7$ million, the 10,000 inhabitants of this South Pacific nation will spend the money on social programs and nurturing local corporations. FTP, name this tiny neighbor of Australia, with the .tv domain.

## ANSWER: Tuvalu

3. He began his career as a Royalist officer in the New Spain Army, and helped quell liberals like Jose Maria Morelos. Later, in 1820, he led the Royalist forces against Vicente Guerrero. Rather than fight Guerrero, he joined him in a conspiracy against Spanish authority. FTP, name this conservative revolutionary who was toppled by Santa Anna in 1823, after he had crowned himself Emporer Agustin I of Mexico in 1822.
ANSWER: Agustin de Iturbide [ee-TER-bee-day]
4. In 1936, he went to Spain to report on its Civil War, but instead joined the POUM militia to fight the Fascists. The book he wrote about the experience describes the Barcelona uprising of May 1937, and his near fatal wounding two weeks later. Through these experiences, detailed in Homage to Catalonia, he distrusted totalitarianism, whether from the left, the right, or both. FTP, name this author of 1984 and Animal Farm .
ANSWER: George Orwell or Eric Albert Blair
5. The greatest writer ever in the Serbo-Croatian language, this man was awarded the Nobel Prize in Literature in 1961. Earlier, he had served as foreign minister to Germany, and was imprisoned during World War II. FTP, name this writer, whose remains are claimed by several warring nations in the Balkans, best known for his novel The Bridge on the Drina.
ANSWER: Ivo Andric
6. Probably the most famous member of the Montana State Board of Pardons, this man attended schools at the Blackfeet and Fort'Belknap reservations in Montana. He collaborated with documentary filmmaker Paul Stekler in Killing Custer: The Battle of the Little Bighorn and The Fate of the Plains Indians . FTP, name this author of The Death of Jim Loney , The Indian Lawyer , and Fools Crow . ANSWER: James Welch
7. The son of a cobbler, he was born in Lincoln, England in 1815. After considering the clergy, he went into teaching. In 1848, he published The Mathematical Analysis of Logic, a great advance in symbolic logic. He died in 1864 after contracting pneumonia by keeping a lecture engagement, despite being soaking wet from a rainstorm. FTP, which mathematician's The Laws of Thought introduced a new algebra named for him?

## ANSWER: George Boole

8. In this city, a young peasant girl witnessed an apparition of the Virgin Mary and near that site a curative spring miraculously arose. No, it's not Clearwater, and the young lady didn't wash windows, but rather a city in the Hautes-Pyreneés [OAT PEA-ri-nay] region of France. In what city, FTP, will you find a basilica with a giant statue of the Virgin Mary and the Grotte de Massabielle [mah-SAH-be-ay], the site of the "visions?"
ANSWER: Lourdes , France
9. First postulated by J.J. Hood, this equation is named for the man who showed it applied to almost all chemical reactions. It states that reaction rate increases exponentially with an increase in temperature or a decrease in activation energy. FTP, name this equation named for the 1903 Nobel Prize winner in Chemistry, who developed an acid-base theory and hailed from Sweden.
ANSWER: Arrhenius equation [accept Svante Arrhenius , uh-REE-nee-us]
10. A pupil of Vincenzo Lavigna, his first job was as a conductor in Busseto. When he returned to Milan at 25, his opera Oberto was a modest success. He gave up composing after his wife and children died; his third opera, though, contained an aria sung by 20,000 at his 1902 funeral--"Va, pensiero ." FTP, name the Italian who composed such operas as Nabucco, Simon Boccanegra, and Il Trovatore. ANSWER: Giuseppe Verdi
11. The most dramatic example of this is found in the sunflower, which turns to follow the sun throughout the day. It is caused by the absorption of water into cells, which causes them to expand, while cells on the other side of the stem dehydrate and contract. This causes the stem to bend. FTP, name this botanical effect that causes plants to face the sun.

## ANSWER: phototropism or heliotropism

12. "Double Dare." "In the Flat Field." "St. Vitus' Dance." "Teror Couple Kill Colonel." "The Passion of Lovers." "Dark Entries." "Stigmata Martyr." "Bela Lugosi's Dead." These are all songs, FTP, by what seminal band, from which several members went on to form the more well known group Love and Rockets?

## ANSWER: Bauhaus

13. This type of oscillation in electromagnetic physics is analogous to a spring-block oscillation. Magnetic energy corresponds to kinetic energy, electric energy corresponds to potential energy, and dampening corresponds to resistance. FTP, name this type of circuit, that oscillates between charging a capacitor and an inductor.
ANSWER: $\boldsymbol{L C}$ oscillator or $\boldsymbol{R} \boldsymbol{L} \boldsymbol{C}$ circuit $[R=$ resistor, $L=$ inductor, $C=$ capacitor $]$
14. This man designed the first sand wedge, a club with a very angled head for playing shots out of bunkers. It isn't his golf clubs that made him famous, however, but the way in which he swung them. FTP, name this golfer, the first man to win all four of golf's majors with his Masters win in 1935, nicknamed "The Squire."

## ANSWER: Gene Sarazen

15.This programming language invented by Guy Lewis Steele Jr. and Gerald Jay Sussman, has clear, simple semantics, and few ways to form expressions. One of the first programming languages to incorporate procedures in lambda calculus, it was the first major dialect of Lisp. With a single environment for all variables, FTP, name this limited language that just introduced the concept of exact and inexact numbers.
ANSWER: Scheme
16. He mated with the Oceanid Callirhoe. His children were Geryon and Echidna. His brother was Pegasus. His name means He of the Golden Sword. For 10 points, name this man, son of Poseidon and Medusa, from whom descended the Lernaean Hydra, the Chimaera, Cerberus, and Orthus.

## ANSWER: Chrysaor

17. This region came under Tibetan rule in the 16 th century. In 1907, after considerable British influence, they received their own monarchy, and became a protectorate in 1910. It has been independent since 1949. FTP, name this nation under the rule of King Wangtchuk, with primary monetary unit the Nguitrum, located on the eastern border of India.

## ANSWER: Bhutan

18. Born in Neustrelitz in 1856, this man is to psychiatry what Freud was to psychology. He believed that mental illnesses were probably caused by physiological problems, and needed to be studied with well defined tests and methods. FTP, name this psychiatrist who categorized dementia praecox , now called schizophrenia, and who developed the first widely accepted classification of mental illnesses. ANSWER: Emil Kraepelin
19. According to legend, he was a 24 foot tall giant, obsessed with the desire to serve the most powerful king in the world. He eventually found himself in service of an old Christian hermit, whose task it was to ferry people across the river. FTP, name this patron ex-saint of travelers and bachelors, whose name means Christ-bearer.
ANSWER: Saint Christopher
20. Coming from the Greek for "to throw," this huge, complicated Roman weapon was powered by torsion derived from two thick skeins of twisted cords, through which were thrust two separate arms joined at their ends by the cord that propelled the missile. Large versions of this siege engine could very accurately hurl 60 pound weights 500 yards, while the smaller versions of, FTP, what weapon were just very large crossbows?
ANSWER: ballista [do not accept "catapult"]
21. This holiday's origins go back to ancient Greece when the Athenians would gather to honor Rhea. In 1907, Ana Jarvis, began a campaign to make this day a national holiday. By 1911, it was celebrated in every state. Eventually, in 1914, President Wilson declared it a national holiday. FTP, name this day always celebrated on the second Sunday in May.

## ANSWER: Mother's Day

22. Dermot MacMurrough promised the hand of his daughter, Eva, and the kingship of Leinster to this man if he would help him settle the struggle between MacMurrough and Tiernan O'Rourke, king of Breifne. FTP, name this Earl of Pembroke who because of his success brought an invasion of Ireland by Henry II and began the legacy of a half conquered Ireland that lasts up until today.
ANSWER: Richard FitzGilbert de Clare, 2nd Earl of Pembroke or Strongbow [accept either]
23. This former All-Pro lienbacker is eligible for the hall of fame $n$ the next ballot, but the question is whether he'll be eligible for parole so he can accept the honor. FTP, name this player, arrested in October for buying crack from an undercover officer in a St. Petersburg hotel, who led his team to Super Bowl victories in 1987 and 1992, a standout for the New York Giants.

## ANSWER: Lawrence Taylor

24. This man described his aim as to "replace Western art with that of the jungle, the lavatory, the mental institution." For him, only an amateur could tap the imagination without self-censorship and professional art was "miserable and most depressing." In works like The Cow with the Subtle Nose he used new materials such as mud, ashes, banana peels and chicken droppings. FTP, name this French figural expressionist.
ANSWER: Jean Dubuffet
25. Like most ancient art, this statue's sculptor is unknown, though it is traditionally attributed to Scopas. The face of the nude is warm yet measured. The sinuous movement is halted by the tight frontal arrangement, and there is a refined contrast between the nude body and her lower drapery. FTP, name this famous Aphrodite, who proves that you can be beautiful even without arms.

## ANSWER: Venus de Milo

26. Mark Laff was in Subway Sect, replacing John Towe who went to Alternative TV. John Towe had been playing with Tony James in Chelsea, and had founded the band after he, and their guitarist kicked vocalist Gene October out of Chelsea. That guitarist switched to
vocals and a new guitarist, Bob Andrews, was brought in. FTP, name this band, whose vocalist, the key to the whole equation, was Billy Idol.
ANSWER: Generation $\boldsymbol{X}$
27. This artist's most creative phase coincided with his membership in the Secession During this time, he painted the ceiling at the University of Vienna with his Philosophy, Medicine, and Jurisprudence. His aim was to show a panorama of humanity, rather than celebrate scientific progress. FTP, name this Symbolist artist whose "golden phase" produced the well-known The Kiss.
ANSWER: Gustav Klimt
28. He was said to have met Alexander the Great in Punjab in 326 . He extended the borders of his kingdom, Magadha, until it compromised all North India from the Bay of Bengal to the Arabian Sea. When King Seleucus I of Syria challenged him, he met a crushing defeat. For 10 points, name this founder of the Mauryan Dynasty who abdicated, became a monk, and died of self imposed starvation.
ANSWER: Chandragupta Maurya
29. Jung described it as a "meaningful coincidence," the causal connection between two seemingly unrelated things that renders them meaningful to the observer. FTP, name this term popularized by James Redfield in The Celestine Vision, also the title of a multi-platinum album by the Police.
ANSWER: synchronicity
30. "True or False: This statement is false." This is an example of a paradox arising from this type of problem. Another example is the Russell set, which defines a set of all sets that do not include themselves. FTP, name this activity, that this question is doing right now. ANSWER: self-referential [accept equivalents] Penn Bowl VIII:
ROUND 1 BONI
Florida
31. Given a country and years of reign, name the king for the stated number of points.
[5] England, 1901-1910ANSWER: Edward VII
[10] Bulgaria, 1918-1943ANSWER: Boris III
[15] Albania, sixth months during 1913ANSWER: William of Wied
32. Given a brief description of a wrestler, name him for 10 points each.
a. Nicknamed Mr. Monday Night, this ECW TV Title holder is a member of the New Triple Threat.

ANSWER: Rob Van Dam
b. Nicknamed "The Franchise", he is the ECW Heavyweight Champion. He was also became the first ECW Champion when he threw the NWA World Title in the Garbage.
ANSWER: Shane Douglas
c. The undisputed King of hardcore wrestling, this man put a tooth through his gum, got a concussion and 24 stitches at a Hell in a Cell match in 1998.
ANSWER: Mick Foley or Mankind or Dude Love or Cactus Jack

## 25 POINT BONUS

3. Given the quote from a Christopher Marlowe play name it, for the stated number of points.
[10] "Rich costly jewels, and stones infinite, /Fearing the worst of this before it fell, /I closely hid."
ANSWER: The Jew of Malta
[15] "Egregious viceroys of these Eastern Parts,/Placed by the issue of Great Bajazeth/Who lives in Egypt prisoner to that slave /Which kept his father in an iron cage."
ANSWER: Tamburlaine the Great
4. Ten points each, given the lake, name the country that borders it.
a. Lake BalatonANSWER: Hungary
a. Lake BielANSWER: Switzerland
b. Lake LadogaANSWER: Russia
5. Given a painting, name the painter, 10 points each.
a. Head Surrounded by Sides of Beef ANSWER: Francis Bacon
b. Blue, Orange, Red ANSWER: Mark Rothko
c. Three Flags ANSWER: Jasper Johns
6. Identify the winner and loser of these Super Bowls, 5 points each.
a. Super Bowl X ANSWER: Pittsburgh Steelers defeated Dallas Cowboys
b. Superbowl XIIIANSWER: Pittsburgh Steelers defeated Dallas Cowboys
c. Superbowl XIVANSWER: San Francisco 49ers defeated Miami Dolphins
[Note to moderator: accept city names in all cases.]
7. Ten points each, given the operas, name the composer.
a. Orfeo ed Euridice, Iphigenie en Tauride ANSWER: Christoph Willibald von Gliick [gleek]
b. Orlando, Rinaldo ANSWER: George Frideric Handel
c. The Trojans, Benvenuto Cellini ANSWER: Louis-Hector Berlioz
8. Given a character from Greek mythology, name his or her parents, 5 points each.
a HeraklesANSWER: Zeus and Alcmena
b. Helius ANSWER: Hyperion and Theia
a. An object is given a variable that acts as a pointer to another object of the same type, but with possibly different values.

ANSWER: linked list
b. A collection of objects is placed in order as they are entered into the structure. Only the last entered objects can be removed from the structure.
ANSWER: stack
c. A collection of objects is placed in order as they are entered into the structure, but only the first entered object can be removed from the structure.
ANSWER: queue
20 POINT BONUS
29. Answer these questions about the Church calendar.
[5] This season directly precedes Christmas.ANSWER: Advent
[5] This season precedes Easter.ANSWER: Lent
[10] How long is Easter?ANSWER: 50 days or 49 days or 7 weeks
30. Identify these political science terms, for 10 points each.
a. A system where the government works directly with interest groups, and often these interest groups are set up by the state.

ANSWER: corporatism
b. Voting system where a political party gets a number of seats based on the amount of popular vote they acquired in the election. The opposite of single-seat districts.
ANSWER: proportional representation
c. System where power is divided between local and central government.

ANSWER: Federalism

## c. PhrixusANSWER: Athamas and Nephele

9. Name the following people, for the stated number of points
[5] This Irish Home Rule leader fell from power following the 1891 revelation of an extramarital affair.
ANSWER: Charles Stuart Parnell
[10] This British Prime Minister refused to introduce a new home rule bill while Parnell Still led the Irish Nationalist Party.
ANSWER: William Gladstone
[15] This man brought about the allegations in his divorce case against his wife, Catherine.
ANSWER: William O'Shea
10. Ten points each, name the patron of the following works.
a. First step pyramid ANSWER: King Zoser
b. Sistine Ceiling ANSWER: Pope Julius II
c. Velazquez's Little Princess ANSWER: King Philip IV of Spain
11. The Planet of the Apes was recently re-released in a special edition box set. Answer these questions, for the stated number of points.
[3x5] Five points each, name the three species of civilized apes.
ANSWER: Chimpanzeez , Ourang-outangs , and Gorillas
[2x5] Five points each, in order, which type of ape was Dr. Zeus (ZAY-US) and Cornelius?
ANSWER: Ourang-outang and Chimp anzee [must be in order]
[5] This device that destroyed the entire world in Beneath the Planet of the Apes ?
ANSWER: Omega rocket or device
12. 30-20-10. Name the social scientist.
[30] He studied at the Sorbonne, and his autobiography was titled Tristes Tropiques, or Sad Tropics.
[20] He became a professor of social anthropology at the College de France in 1959, and in 1965 published the work The Savage Mind .
[10] He is best known as the leading proponent for structuralism in social anthropology
ANSWER: Claude Gustave Levi-Strauss
13. Ten points each, name the philosopher.
a. This French philosopher proposed the Law of the Three States which forms the basic proposition of his positive philosophy.

ANSWER: Auguste Comte
b. According to this pre-Socratic philosopher, the source of all things is water; that is the moist state.

ANSWER: Thales of Miletus
c. Trained as a theologist, this German published Essay towards a Critique of All Revelation, misattributed to Kant. He also delivered his

Addresses to the German Nation.
ANSWER: Johann Gottlieb Fichte
14. 30-20-10. Name the author.
[30] Born in 1775, this critic was friends with such authors as Wordsworth, Southey, Coleridge, and Hunt.
[20] Some of his works are Tales from Shakespeare and Specimins of English Dramatic Poets who Lived About Time of Shakespeare.
[10] He is more famous for his essays, which were published in book form as Essays of Elia and Last Essays of Elia .
ANSWER: Charles Lamb
15. For 10 points each, name the TV show from a pair of non-leading actors.
a. Michael Boatman, Victoria DillardANSWER: Spin City
b. Wendie Malick, George SegalANSWER: Just Shoot Me
c. Steve Harris, Lisa Gay HamiltonANSWER: The Practice
15. Name the historian from a description, 15 points each.
a. His Civilization of the Renaissance in Italy coined the term Renaissance, though it ignored the peasants and unfairly treated the Middle Ages.

## ANSWER: Jacob Burckhardt

b. The one volume abridgement of this man's twelve volume A Study of History was a best seller, but professional historians criticize him for twisting facts, and untestable conclusions.
ANSWER: Arnold Toynbee
16. Name these dissenters, for the stated number of points.
[5] These rioters took to destroying machinery in the factories--especially textile--of northern England between 1811 and 1816.
ANSWER: Luddite s
[10] This working class group pushed for universal manhood suffrage, the secret ballot, annual elections to the House of Commons and the payment of MP's. They drafted a famous document in 1838.ANSWER: Chartist s
[15] These religious pacifists in Cromwell's England, led by Gerrard Winstanley, didn't believe in private property, and cultivated others' land.
ANSWER: Digger s
17. Identify the Greek drama from a description, 10 points each.
a. The women of a town withhold sex from their husbands in order to stop a war.

ANSWER: Lysistrata
b. A woman sacrifices everything for her husband, but when he rejects her for another woman, murders their children.

ANSWER: Medea
c. A young man resists his stepmother's temptations; this forces Artemis and Aphrodite to take action.

## ANSWER: Hippolytus

## 25 POINT BONUS

18. Name these Supreme Court cases, for the stated number of points.
a. In this 1866 case, the Court ruled that the federal government could not try civilians in military courts except in an actual theater of war. ANSWER: Exparte Milligan
[15] The Illinois legislature, in response to the Grange, passed a law in 1871 regulating rates private companies could charge for storing and transporting agricultural products. The Court upheld it.

## ANSWER: Munn v. Illinois

19. Identify the Voltaire work from characters for the stated number of points.
[5] Cunegonde, Dr. PanglossANSWER: Candide
[10] Cador, Azora, AstarteANSWER: Zadig
[15] Gordon, Kerkabon, Our Lady of the MountainANSWER: Ingenuous

## 25 POINT BONUS

20. Five points each, and five more for all correct, give the English names for the four bodily "humours" of ancient medicine.

ANSWER: blood, phlegm, choler or yellow bile, melancholy or black bile
21. Answer these questions about Vietnamese geography, for the stated number of points.
[5] Name the capital.
ANSWER: Hanoi
[10] The marshy delta formed by this river in the south was the primary battleground for most of the war.
ANSWER: Mekong River
[15] Name the appropriately named valley to the north, home of the communist forces during the war.
ANSWER: Red River Valley
22. Answer these questions about Albert Einstein, 10 points each.
a. His first physics experiments tried to detect this imaginary medium through which light traveled.

## ANSWER: ether

b. While working at the Swiss Patent Office, he met Maurice Solovine and Conrad Habicht. Together, they formed this group, whose name is identical to that of a certain Manet painting.
ANSWER: Olympia Academy
c. In developing his theory of relativity, he used the principle of relativity first proposed by this scientist. ANSWER: Galileo or Galileo Galilei
23. 30-20-10. Name the philosophical movement.
[30] Began in the 13th century as new translations of Aristotle's work became available, and his thoughts were applied to Christian theology.
[20] Often referred to as the "official" Catholic philosophy. Primarily focused with the separation between those things known only to reason, and those things known only to faith.
[10] St. Thomas Aquinas is considered the founder of this philosophy.
ANSWER: Scholastic ism
24. 30-20-10. Name the artist from works.
[30] Dance at Bougival [BOO-zhih-vahl], La Balancoire [BAH-lahn-kwar]
[20] Le Moulin de la Galette, Pont Neuf
[10] Luncheon of the Boating Party
ANSWER: Pierre Auguste Renoir
25. Answer these questions about the development of cold fusion, for the stated number of points.
[2x5] For 5 points each, name the two men who first claimed to have discovered cold fusion in 1989.
ANSWER: Stanley Pons and Martin Fleischmann
[10] For 10 points, name the crucial element that is supposed to help pack deuterium so tightly it fuses into helium.
ANSWER: palladium or $\boldsymbol{P d}$
26. Answer these questions about optics, for the stated number of points.
[5] Also known as the law of refraction, it states that the angle of refraction depends upon the angle of incidence and the ration of the index of refraction of the two substances.
ANSWER: Snell 's Law
[10] His principle states that all points on a wavefront serve as point sources for spherical wavefronts. The new position of the wavefront is given by the tangents to all these wavefronts.
ANSWER: Christian Huygens
[15] This scientist showed that light was a wave by showing it had both diffraction and interference, properties unique to waves. ANSWER: Thomas Young
27. Answer these questions about the Microsoft suit, 10 points per answer.[ $2 \times 10$ ] Name the CEOs of these two companies.

ANSWER: James Barker [Netscape] and Scott McNealy [Sun]
[10] This technology company was sued in the 80s for their monopoly on the PC platform. The suit was tossed, however, because their monopoly had ended before judgment could be passed.
ANSWER: $\boldsymbol{I}$ nternational $\boldsymbol{B}$ usiness $\boldsymbol{M}$ achines, Inc.
28. Identify the data structure. 10 points each.

