

1998 Penn Bowl 007
Tossups Dartmouth B

1) Philosophy

His biographer, Porphyry, relates that he refused to eat meat and that he attained a state of mystical union with God four times. Toward the end of his life, he wrote several Enneads, groups of nine treatises, in which he expounded the philosophy handed down to him from Ammonius. He persuaded his friend the Emperor Gallienus to build a city for philosophers that would be governed according to the laws of Plato. FTP, name this third-century founder of Neoplatonism.

Answer: Plotinus

2) Science

Thousands died in a 1995 outbreak of this highly contagious disease in war-torn Tadjikistan. Its cause is the Klebs-Loeffler bacillus, which secretes a toxin that destroys tissue and forms a leathery membrane that can clog the air passages and cause asphyxiation. FTP, name this respiratory disease that you should have been vaccinated against by the "d" in your "dpt" shot.

Answer: diphtheria

3) Pop Culture

This town, the home of the Peabody Inn, has had three sheriff -- the second one, played by John Astin, was sent to jail after he committed a murder after his second episode. This town's two other sheriffs lasted much longer and were played by Ron Masek and Tom Bosley. FTP, name this fictitious town, the New England home of Jessica Fletcher.

Answer: CABOT COVE, Maine

4) Fine Arts

A flower, a woman holding a lamp, a mother with a dead child, a dying horse, a severed arm clutching a broken sword, a modern crucifixion and a human-headed bull are all depicted in, FTP, what stark painting expressing the horrors of the Spanish Civil War, painted by Pablo Picasso?

Answer: Guernica

5) Science

Its most stable isotope has an atomic weight of 97 and a half-life of 2.6 billion years. It was discovered at the University of California in 1937, in a sample of molybdenum that had been bombarded with deuterons. FTP, name this element with atomic number 43, that was the first element to be artificially produced.

Answer: technetium

6) Religion

In Arabic mythology, she married the Devil and became the mother of evil spirits. Hebrew legend holds that she was created simultaneously with Adam and was his first wife, but, refusing to be considered inferior to him, left him and was expelled from Eden. FTP, who is this woman, probably of Babylonian origin, who is said to haunt wildernesses in stormy weather and is considered dangerous to children and pregnant women?

Answer: Lilith

7) Misc

George Kaufman, Harpo Marx, Alexander Woolcott, Herman Mankiewicz and Dorothy Parker were all regular attendees at this daily lunch meeting of intellectuals known for their witty conversation. FTP, what was this group which met during the 1920s and '30s in a New York hotel?

Answer: Algonquin Round Table

8) Fine Arts

After its Vienna premiere, this opera was banned in Paris and Vienna for its ridicule of the upper class and its slapstick comedy. Its two main themes are duty and love, reflected in the characters of Antonio, the gardener; Cherubino, the page; Count Almaviva; and the middle-class valet whose name the opera bears. FTP, name this famous work by Mozart.

Answer: the _Marriage of Figaro_, or le _Nozze di Figaro_

9) Current Events

problems with this item have been attributed to untimely precipitation, faulty manufacturing, or loose screws on the internal propane container, leading to quite a bit of controversy that overshadow upcoming events. For ten points, identify this object that has been extinguished during its sacred run that began at Mount Olympus in January and ended in Nagano Japan to open the Olympic Games.

Answer: _Olympic flame_ or _Olympic Torch_

10) Geography

The name of this language means "of the coast" in Arabic. Today it is the mother tongue of about six million people, most of them living near the Indian Ocean, but it is also spoken by about forty million others as a common language in east Africa. FTP, identify this Bantu language with the largest number of speakers, that is an official language of Kenya and Tanzania.

Answer: _Swahili_ (or _Kiswahili_)

11) History

A ward of Pericles and a pupil of Socrates, he aided Agis I of Sparta before fleeing to Persia in 413. Recalled to Athens, he won a brilliant naval victory in 410 and recovered Byzantium in 408, but he was blamed unjustly for the Athenian defeat of Notium in 406 and Lysander had him killed. FTP, name this Athenian general who led the Sicilian campaign before being falsely accused of sacrilege.

Answer: _Alcibiades_

12) History

When his tomb was opened in 1941, five hundred and thirty-six years after his death, Soviet archeologists found the skeleton of a man who was of powerful physique but was disabled in his two right limbs. Despite his physical handicap, he established an empire that stretched from the Mediterranean to Mongolia and was

ruled from his capital of Samarkand. FTP, name this great Uzbek conqueror, known for his cruelty.

Answer: _Tamerlane_ or _Timur_ the lame, or _Timur_lenk

13) Misc

In Latin, this word means a female animal used for breeding. It was first used in English in the 16th century to refer to the uterus or womb. In biology, it is the intercellular substance of a tissue, and in geology it is the natural material surrounding a metal or gem or fossil embedded in the earth. FTP give this term that in mathematics refers to a rectangular array of numbers.

Answer: _matrix_

14) Philosophy

It is said that Immanuel Kant deviated from his rigid daily schedule only once, when he stayed in for a few days to read this book that was published in 1762. The work describes an attempt to educate the title character for life in a world from which social man is estranged. FTP, name this influential work of naturalist educational philosophy by Jean-Jacques Rousseau.

Answer: _Emile_ : or, On Education (_Emile_, ou de l'education)

15) Social Sciences

A Russian economist who co-founded the revolutionary Northern Society which staged the 1825 Decembrist uprising in St. Petersburg and the Russian author of such works as "A Sportsman's Sketches" and _A Month in the Country_ share a name. FTP, what is the common surname, most commonly associated with _Fathers and Sons_?

Answer: _Turgenev_ (Nikolay Ivanovich and Ivan Sergeyevich)

16) Science

This rapidly approaching red dwarf has the largest proper motion of any known star, and is thought to have planets because of periodic deviation in that motion. It is second only to the Alpha Centauri system in proximity to the sun. FTP, identify this star named after its 20th-century American discoverer.

Answer: Barnard's Star

17) Social Sciences

Founded in Jackson, Michigan, by disillusioned Whigs, Democrats, and Free-soilers who shared an opposition to the Kansas-Nebraska Act, its first platform insisted on the abolition of slavery in United States territories. In 1856, its first presidential candidate captured 11 states, but it wasn't until 1860 that it finally won the presidency. FTP, what was this party of Abraham Lincoln?

Answer: Republican Party

18) Religion

After wandering around naked for twelve years, he sat under a sala tree on the bank of the Rijupalika and, in deep meditation, reached supreme knowledge and intuition. He spent the rest of his life preaching the three doctrines that there are no absolutes, that every deliberate action has its own consequence, and that all life is sacred and inviolable -- including that of insects. FTP, name this founder of Jainism.

Answer: Vardhamana Mahavira

19) Popular Culture

Alicia Huberman is the daughter of an escaped Nazi War criminal, who is recruited by T. R. Devlin to help the United States infiltrate a group of Nazi Scientists in Argentina. She marries Alexander Sebastian and discovers their plot to hoard radioactive materials inside French wine bottles. For ten points, name this 1946 Alfred Hitchcock film starring Cary Grant, Ingrid Bergman, and Claude Rains which culminates in a suspenseful staircase scene.

Answer: Notorious

20) Science

When this type of substance is in the nematic state, its molecules are distributed randomly but tend to orient themselves in a particular direction, while in the smectic state, its molecules are arranged in layers and are more rigidly oriented. For ten points, name this type of substance, discovered by Friedrich Reinitzer, that almost occupies a distinct state of matter.

Answer: LIQUID CRYSTAL

21) Literature

The characters of this dramatic poem include the Abbot of St. Maurice, the Witch of the Alps, Manuel, and Herman. The title character is wracked with remorse for committing incest with his sister Astarte, who has committed suicide. By rejecting an agreement with the powers of darkness, he sets himself up as a totally independent man, alone in his Alpine castle. FTP, name this poem by Lord Byron.

Answer: Manfred

22) Pop Culture

Possibly the most infamous baseball player in history, at least the most infamous for errors on the field, this first baseman "let it all slip through." FTP name this player whose error in game six of the 1986 World Series allowed the Mets to come back and tie the game and series.

Bill Buckner

23) History

Upon hearing that the USS Constitution was to be destroyed, he wrote the poem "Old Ironsides" to help preserve the ship. He also wrote works such as "The Autocrat of the Breakfast Table" and "The Chambered Nautilus". FTP, name this man whose son went on to become a Supreme Court Justice.

Oliver Wendell HOLMES

24) Philosophy

Philosophers of this school believe that laws are valid only when issued by a sovereign operating under an established rule of recognition. Critics of this philosophy are the legal realists and the natural law theorists. FTP name the school of philosophy espoused by H.L.A. Hart.

Legal Positivism

25) Current Events

After decades of dreaming, it will finally become a reality on January 1, 1999. On that date, the exchange rates between 11 different currencies will become permanently fixed. For the first time ever, prices on the Bourse will no longer be denominated in francs. All of this is the result of the Treaty of Maastricht, which cleared the way, FTP, for what new currency.

EURO (Do not accept ECU.)

26) Fine Arts

In 1644 the Puritans demolished it to make room for houses. The first construction of this octagonal theater was in 1599 by the firm of Cutthroat and Babbage. It was rebuilt in 1614 after a fire destroyed it during presentation of Henry VIII. FTP name this theater where Shakespeare made his debut.

-The Globe

27) History

"Our smiling prince" was buried with his great-grandmother, Queen Victoria, at Frogmore in 1972. Some historians speculate that his most famous action, taken 36 years before his death, was taken because he knew he was sterile and thus could not produce an heir. FTP, which British monarch abdicated to marry American divorcee, Wallis Simpson?

King EDWARD VIII or the DUKE OF WINDSOR

28) Fine Arts

This prolific composer, who lived from 1681 to 1767, was required to compose a cantata every two weeks while a student at Leipzig. He later composed at Eisenach, Frankfurt, and Hamburg. In all, he wrote 40 operas, 23 oratorios and masses, 51 passions, over 1500 cantatas, 125 orchestral suites, and 100 concerti. FTP, name this composer, possibly most remembered for his Trumpet Concerto in D.

Georg Philipp TELEMANN

29) Religion

A man was walking along the road from Jerusalem to Jericho. He fell among robbers. A priest and a Levite passed him by, but a man from the proverbial wrong side of the tracks stopped to help him. For ten points, name this story, which was used to answer the question, "Who is my neighbor?" arguably Christ's most famous parable.

The GOOD SAMARITAN

30) Geography

It contains outstanding national parks such as Jasper, Waterton Lakes, and Wood Buffalo. It is believed to have some of the richest oil deposits in the world--notably in the tar beds of the Athabasca River--and its coal beds contain about half of Canada's known reserves. FTP, what is this Canadian province, lying between Saskatchewan and British Columbia?

Answer: Alberta

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Dartmouth B

Boni

1) Physics

Answer the following questions about magnetism.

For five points:

What culture was the first to develop a compass?

Answer: _CHINESE_

For ten points:

Who was the first to show that an electric field would disturb a compass?

Answer: Hans Christian _OERSTED_

For fifteen points:

Who, based upon earlier experiments of electric/magnetic interactions, first produced electromagnetic waves?

Answer: Heinrich Rudolf _HERTZ_

2) Theater

Identify this playwright, 30-20-10.

30: One of this playwright's best known plays concerns a garbage man named Troy Maxson.

20: He has won two Pulitzer Prizes in recent decades.

10: He has often criticized the casting of blacks into originally white roles and is known for his plays about black families.

Answer: August _WILSON_

3) History

Name these Ancient Wonders of the World (10 points each):

This Wonder could be seen over 30 miles away.

Answer: The _LIGHTHOUSE OF ALEXANDRIA_

Screws were used in the upkeep of this ancient wonder.

Answer: The _HANGING GARDENS_ of Babylon (the screws carried water to the top)

The sculptor Phidias designed this ancient wonder.

Answer: The _STATUE OF ZEUS (or _JUPITER_) AT OLYMPIA_

4) Pop Culture

We all love computer companies, so if Microsoft hasn't yet bought them out, give the company that each of these men heads for 10 points each:

Scott McNealy

Answer: _SUN_ Microsystems

A.S. Grove

Answer: _INTEL_

R.B. Palmer

Answer: _DIGITAL_ Equipment Corporation (Digital or DEC are also acceptable)

5) Geography

Given 5 cities, arrange them in order from lowest latitude to highest. 5 points each, 5 bonus for all 5 correct.

Cities: Sao Paulo, Buenos Aires, Lagos, Bombay, and Jakarta

Answer: _BOMBAY, LAGOS, JAKARTA, SAO PAULO, AND BUENOS AIRES_ *(these are lockwords)*

6) Fine Arts

Given a work of art and the artist, give the medium. (10 points each)

Reaper by Winslow Homer

Answer: _WATERCOLOR_ (prompt on paint)

Christina's World by Andrew Wyeth

Answer: _TEMPERA_ (prompt on paint)

The Fecund Earth by Diego Rivera

Answer: _FRESCO_ (do not accept mural)

7) Law

Let's see how much you learned from the O.J. Simpson trial. Given the following definitions, give the legal terms, for the stated number of points.

(5 points) the act of a jury finding one not guilty

Answer: _ACQUITTAL_

(10 points) a trial which is decided by a judge rather than a jury

Answer: a _BENCH TRIAL_

(15 points) Latin for "to abide by decided cases" this term means that judges must rule based upon earlier precedence.

Answer: _STARE DECISIS_

8) Mythology

30-20-10

Name the mythological figure.

30: He was the son of Aeolus and king of Corinth.

20: He witnessed the abduction of Aegina by Zeus and was then punished by Zeus.

10: He was condemned to eternally push a rock up a hill only to have it roll to the bottom.

Answer: _SISYPHUS_

9) PHYSICS - The two most well known Quarks are "up" and "down." For 5 points a piece, name the other four.

Answer: _CHARM_, _STRANGE_, _BOTTOM_, _TOP_

Now, identify the quark configurations, first for a proton, and then for a neutron, another five points each.

Answers: Proton (accept in any order): _UP, UP, DOWN_

Neutron (accept in any order): _UP, DOWN, DOWN_

10) US HISTORY - Name, IN ORDER, for 5 points a piece or thirty for all four, the first four people to be elected President while serving in the office of Vice-President

Answer: _JOHN ADAMS_, _THOMAS JEFFERSON_, _MARTIN VAN BUREN_, _GEORGE BUSH_

11) CURRENT EVENT - The Senate is expected to vote this spring to on whether or not the United States will accept three countries' request for admission into NATO. Name them for ten points each.

Answer: _CZECH REPUBLIC_, _POLAND_, _HUNGARY_

12) POPULAR CULTURE - Answer the following questions about the 1995 film version of Richard III for the stated number of points:

1. Who directed it? (5 pts)
Answer: RICHARD LONCRANE
2. Who plays Richard III? (5 pts)
Answer: IAN McKELLAN
3. Who plays Queen Elizabeth? (5 pts)
Answer: ANNETTE BENING
4. Who was the leader of the British fascists to which the character of Richard often alludes? (15 pts)
(Sir Oswald Ewald) MOSLEY

13) GEOGRAPHY - Imagine a land trip around the Arabian Peninsula beginning in Mecca continuing counterclockwise around the coast to Doha, Qatar. Not counting Saudi Arabia and Qatar, name, for ten points each, name IN ORDER the three countries the caravan would go through.

Answer: YEMEN, OMAN, UNITED ARAB EMIRATES

14)

From a description, identify the social psychology experiment, for the stated number of points.

5: Subjects were told they were to be involved in a study of how punishment affects learning and were to administer shocks to confederates of the experimenter.

A: Milgram Experiment

10: Subjects were to judge the lengths of lines in the presence of confederates of the experimenter who purposefully misjudged the lines.

A: Ashe Experiment

15: The Stanford University Psychology department established a simulation prison to examine relationships of subjection and control.

A: Zimbardo Prison Experiment

15) History -

Identify the English King, 30-20-10:

For 30: He is the first common ancestor of the Lancastrian and York dynasties

For 20: He ruled from 1327-1377, dying one year after his famous son.

For 10: His mother was played by Sophie Marceau in "Braveheart."

EDWARD III

16) History

FTP each, identify the Henrys involved in the War of the Three Henrys.

Ans: Henri III of France or Henri Valois
Henri IV of France or Henri of Navarre or Henri Bourbon
Henri, duc de Guise

17) Science

FTP each, Identify these chemical compounds from their colorful common names:

1. Green vitriol

Ans: iron (II) sulphate or ferrous sulphate or FeSO₄

2. verdigris

Ans: copper (II) carbonate or cupric carbonate or CuCO₃

3. vermilion

Ans: zinc sulphide or ZnSO₄

18) Literature

FTP each, Given the house or houses where the action is set, name the novel:

1. Longbourne, Netherfield, Rosings and Pemberley

Ans: Pride and Prejudice

2. Thornfield and Ferndean

Ans: Jane Eyre

3. Manderley

Ans: Rebecca

19) Religion

Identify the deity associated with learning or wisdom in the following mythological traditions, for the stated number of points each:

5 - Greek

Ans: Athena

10 -Egyptian

Ans: Thoth

15 - Hindu

Ans: Saraswati

20) Misc

For the stated number of points, identify these items associated with American expansionism.

5 - In 1803, Jefferson as President acquired this massive expanse from Napoleon.

Ans: the Louisiana Purchase

10 - In 1853, this tract of land was acquired from Mexico so that the first transcontinental railroad could be a southern route, and promote slavery.

Ans: the Gadsden Purchase

15 - Pierce approved a meeting in Europe to discuss the acquisition of Cuba, and this dispatch drawn up called the purchase indispensable for the security of slavery. However, when it was published in the New York Herald, the document aroused northern discontent and the plan had to be abandoned.

Ans: the Ostend Manifesto

21) misc

FTP each, Identify these pioneers of computing:

1. Although chiefly known for his work in mathematics, at a young age this man devised a mechanical calculator whose basic design of toothed wheels established the principle behind odometers. A computer language is named in his honor.

Ans: Blaise Pascal

2. This man designed the first machine recognized today as a computer, although it was never built, his Analytical Engine would have been steam powered using punched cards for input, an idea which he borrowed from the Jacquard loom.

Ans: Charles Babbage

3. This man pioneered the use of computers commercially; he is most famous for a machine he created for the census bureau. He also started the company today known as IBM.

Ans: Herman Hollerith

22) pop cult

FTP each, Identify these actors, who were all part of the Cambridge University

comedy ensemble, "Foot Lights"

1. Better known for serious roles, she is the only person to have won Academy Awards both for acting and screen writing.

Ans: Emma Thompson

2/3. These actors are best known as a comic duo, appearing together in various BBC TV series including Black Adder, and a self titled show consisting of skits. They are most memorable as Jeeves and Wooster in the series adapted from the works of P.G. Wodehouse.

Ans: Stephen Fry and Hugh Laurie

23) Literature

Identify the novel (30/20/10)

30 -- It depicts South-Asians in a bar in London watching wax-figurines melt in a giant microwave.

20 -- It describes a whorehouse in which each prostitute represents a different wife of the Prophet.

10 -- Its two protagonists are transformed into the Archangel Gabriel and the Devil, and pitted against each other. The Archangel ultimately commits suicide.

Ans: SATANIC VERSES

24) Philosophy

Identify the following dialogues of Plato, 5-10-15:

1. For 5 points: Socrates addresses the Athenian jury and defends himself against the charge of corrupting the young which Meletus has brought against him, but it convicted anyway and sentenced to death.

Answer: The Apology

2. For 10 points: Socrates discusses the nature of forms and the theory of recollection in ethics, science and cosmology. The most dramatic point is the end of the dialogue, when he drinks the hemlock and speaks his final words, "Crito, I owe a cock to Asclepius. Remember to pay it."

Answer: Phaedo

3. For 15 points: Socrates accosts a young man who is on the way to bring murder charges against his own father. The discussion centers around a search for the essential definition of piety.

Answer: Euthyphro

25) Art

Name the composer, 30-20-10

30: He was born in 1835 to a French officer who was captured in 1812 and studied to be an engineer.

20: As an engineering professor, he taught fortification to both General Skobelev and Tsar Nicholas II. His interest in music stemmed from his friendship with Balakirev.

10: He combined French and Russian themes in his works including the operas The prisoner of the Caucasus, The Captain's Daughter, Feast in the Time of the Plague, and Mademoiselle Fifi.

Answer: Cesar Antonovich Cui

26) Science

Identify the following lizards for ten points each.

Most of these noisy climbing lizards with large triangular heads are nocturnal, except for those found in Madagascar which are diurnal

Answer: gecko

This Latin American lizard is mostly arboreal, though there is a species found on the Galapagos islands which is marine.

Answer: Iguana

One of the only two venomous lizards, this one is known for its black and pink colored bead-like scales.

Answer: Gila Monster

27) Current Events

30-20-10 Identify the Kennedy

(30) He was elected to the House of Representatives by the largest margin of any Kennedy.

(20) He founded Citizens Energy Corp. a nonprofit agency that began by helping low income families in his district in Boston.

(10) He dropped out of the Massachusetts gubernatorial race amid allegations that his cousin, the late Michael Kennedy, had had an affair with his underage babysitter.

Joseph P. Kennedy II

28) ART

Given a description of a painting, identify it for fifteen points each, for five if you need the artist.

A-15) A young naked woman reclines, caressing a large bird her maid has just released from a cage.

5) Tintoretto

Answer: Leda and the Swan

B-15) Mary pauses from her reading to attend to Saint John and baby Jesus playing with a songbird.

5) Rafael

Answer: Virgin of the Goldfinch

29) Religion

Answer these questions about The Dome of the Rock for the stated number of points.

a) For five points, what is the term for the Prophet Muhammed's night journey from the site of the Dome of the Rock to Mecca?

Answer: Miraj

b) For ten points, within a decade, in what year was the Dome of the Rock built?

Answer: 687 (accept 677 to 697)

c) For fifteen points, who was the Caliph who had the Dome of the Rock built?

Answer: Caliph Abd al-Malik

30) Arts

Identify the following kinds of pottery for 10 pts. each.

a.) This type of pottery is the most porous and is fired at the lowest temperature.

Answer: Earthenware

b.) This type of pottery is water resistant and very durable. It is commonly used for dinnerware.

Answer: Stoneware

c.) This special type of pottery is formed from clay called kaolin and is often white or translucent upon being fired.

Answer: Porcelain