

New Hampshire Anti-Primary : Cornell Tossups

TOSS-UP 1:

Despite Joseph Grimond's attempt to revive it, it was powerful for only fifty years, but its legacy includes Forster's Education Act, the secret ballot, and legalization of trade unions. Successor to the Whigs, it splintered over Home Rule and factionalism between Asquith and Lloyd George. For ten points, name this British political party, presumably opposed to that of Major and Thatcher.
Answer: the Liberal Party

TOSS-UP 2:

Its chemical formula, $C_{10}H_{14}N_2$, sounds innocuous, but it's a highly toxic alkaloid often used in insecticides. For ten points, what is this compound, named for the sixteenth-century diplomat who first introduced tobacco use into France?
Answer: nicotine

TOSS-UP 3:

It was founded by Father Perrault, a Capuchin friar who converted to Buddhism and foresaw a cataclysmic war that would leave this as the sole bastion of civilization; at his death in 1931, Perrault named Hugh Conway to succeed him, though Conway had been brought there involuntarily. For ten points, name this Himalayan utopia, described in James Hilton's novel "Lost Horizon".
Answer: Shangri-La

TOSS-UP 4:

It's just been admitted as the fifty-third member of the British Commonwealth, though it has no historical ties to the British Empire; this lusophone nation was admitted as a "unique and special case" to promote stability in southeast Africa. For ten points, name this mainland republic due west of Madagascar.
Answer: Mozambique

TOSS-UP 5:

This law, rejected by Keynesians and Marxists, begins by noting that any two commodities exchanged in a free market must have equivalent values; thus aggregate supply and demand are always equal, and any local disequilibrium is self-correcting. For ten points, identify this economic law named for a nineteenth-century Frenchman.
Answer: Say's Law [of Markets]

TOSS-UP 6:

Born Feb. 23, 1964, she got an undergrad physics degree from the University of Maryland before attending medical school. In 1992 she completed training at Quantico, and since then the murder of her sister Melissa and her mysterious abduction by Duane Barry have tempered her skepticism. For ten points, name this partner of Fox Mulder, played by Gillian Anderson on "The X-Files".
Answer: Dana Katherine Scully

TOSS-UP 7:

His sword is Paranja, his chariot Vimana, and his elephant Airavata; the owl and the rainbow are also emblems of this father of Arjuna. For ten points, name this Hindu god of sky and rain.
Answer: Indra

TOSS-UP 8:

Infinite in length but finite in volume, it's formed by rotating a tractrix around its asymptote and is the simplest two-dimensional surface with constant negative Gaussian curvature. For ten points, name this trumpet-shaped curve, which plays the role in hyperbolic non-Euclidean geometry that a sphere plays in ellipsoidal geometry.

Answer: _pseudosphere_

TOSS-UP 9:

The result of John C. Calhoun's so-called Tarpley Letter, its first session began June 3, 1850, and saw representatives of nine states affirm states' rights, slavery, and willingness to extend the Missouri Compromise line to the Pacific. Its second session, organized to reject the Compromise of 1850, called for secession. For ten points, name this convention, named for the capital of the last state to secede from the Union.

Answer: the _Nashville_ Convention

TOSS-UP 10:

Inspired by the real-life Delphine Delamare, this character, raised on romance novels, is soon bored with her kind but dull husband Charles and has affairs with Rodolphe and Leon. When her extravagance plunges Charles into debt and her lies are revealed, she drinks arsenic to end her disgrace. For ten points, name this fictional adulteress created by Gustave Flaubert.

Answer: Emma _Bovary_ (or Madame _Bovary_)

TOSS-UP 11: White ones grow in Italy, though they are really beige, looking white only compared to the black French ones. The white ones are found using specially trained dogs; the black ones are found instinctively by pigs. For ten points, name these gourmet fungi.

Answer: _truffles_

TOSS-UP 12:

It called for an immediate naval blockade and the raising of a largely volunteer force that would sweep down the Mississippi Valley to the Gulf of Mexico, isolating the Confederacy and squeezing it into submission. For ten points, name this brainchild of Winfield Scott, which formed the basis for Union Civil War strategy, aptly named for a type of constricting snake.

Answer: the _Anaconda_ Plan

TOSS-UP 13:

Its new president, already president of the Russian republic of Kalmykia, is Kirsan Il jum zhinov, whose openly money-oriented stance contrasts with that of his predecessor, Florencio Campomanes of the Philippines. Il jum zhinov hopes to hold an open championship every year, beginning this summer in Iraq, as head of, for ten points, what organization dominated by Anatoly Karpov?

Answer: _FIDE_ (or _Federation Internationale des Echecs_ or _International Chess Federation_)

TOSS-UP 14:

It nearly succeeds when Pedrillo convinces Osmin, the guard, to drink himself into a stupor, allowing Belmonte to rescue Pedrillo, Blonde, and his lover Constance. But they are caught, though the Pasha kindly lets them go free. For ten points, name this 1782 Mozart opera, whose title refers to Belmonte's

attempt to rescue his friends from the Pasha's harem.

Answer: "The _Abduction from the Seraglio_"
(or "Die _Entfuehrung aus dem Serail_")

TOSS-UP 15:

An inner-shell electron vacancy can cause a higher-shell electron to decay by releasing a photon, but in elements with low atomic numbers that's actually quite rare; rather, the released energy is more likely to go to another electron, ejecting it from the atom. For ten points, name this effect, which forms the basis for element-distinguishing spectroscopy with the same name.

Answer: _Auger_ effect (or _Auger_ recombination; pronounced "oh-ZHAY")

TOSS-UP 16:

An attack on the French right wing seemed to prevail, despite reinforcements led by Louis Davout, until Nicolas Soult surged from the center, splitting the allied front, and artillery fire melted the frozen ponds on which many of the Russians were positioned. Immediately followed by Austria's surrender, for ten points, name this December 2, 1805, battle, Napoleon's greatest victory.

Answer: the battle of _Austerlitz_

TOSS-UP 17:

Drawing on the equal protection and due process clauses of the Fourteenth Amendment, it was the first Supreme Court decision to call racial classifications "inherently suspect" and justifiable only for compelling reasons. For ten points, what unanimous 1967 decision, written by Earl Warren, overturned state laws forbidding interracial marriage?

Answer: _Loving_ v. Virginia

TOSS-UP 18:

When David Krane's wife is murdered, he tries to clear his name and catch the killer by using Martha Briggs' serum to relive the memories of the people involved, beginning with his dead wife. A mixture of "The Fugitive" and "Strange Days", for ten points, name this new John Dahl movie starring Linda Fiorentino and Ray Liotta, but thankfully not Natalie Cole.

Answer: _"Unforgettable"_

TOSS-UP 19:

To save money, this state with six electoral votes cancelled its 1996 presidential primaries. After all, reasoned governor Bill Graves, Clinton was unopposed, and all Republican delegates would presumably vote for its favorite son. For ten points, what state is home to the Senate majority leader?

Answer: _Kansas_

TOSS-UP 20:

Founded by Harvey Lewis but based on a medieval group founded by Johann Andrea, it forbids fortunetelling, spiritualism, and black magic, but it's an occult organization whose mystical writings center on symbols such as the pyramid and swastika. For ten points, name this California-based group named for its main symbol, a cross with a red rose in the center.

Answer: _Rosicrucianism_ (or _A.M.O.R.C._, or the _Ancient and Mystical Order Rosae Crucis_)

TOSS-UP 21:

Only one in ten voters turned out for its February elections, partly due to

fear of an imminent military coup and partly because the National Party was unopposed, thanks to a boycott by the Awami League, led by Sheik Hasina Wazed, daughter of former president Mujibur Rahman. For ten points, name this populous Asian nation led since 1991 by Khaleda Zia.

Answer: Bangladesh

TOSS-UP 22:

There were originally sixteen, alphabetically arranged in decreasing strength of the hydrogen Balmer line so as to correspond to increasing temperature. The hottest is O, marked by ionized helium, while calcium lines are dominant in G, the most familiar one to earthlings. For ten points, name these letter designations used to classify stars.

Answer: spectral types (or spectral classes)

TOSS-UP 23:

Created by Andrew Selvaggio, it's being test-marketed in Baton Rouge before nationwide distribution. Unusual for its careful layering and its use of black pepper, a potato-derived roll, hickory-smoked bacon, two kinds of mustard, and lettuce torn rather than shredded, for ten points, name this new McDonald's burger.

Answer: the Arch Deluxe

TOSS-UP 24:

Her brothers, a cardinal and a duke, covet her estates, so when their spy Bosola discovers that she's married her steward Antonio and borne him children, they have Bosola strangle her, and as in any Elizabethan tragedy, it's all downhill from there. For ten points, name this John Webster title character.

Answer: the Duchess of Malfi (or Giovanna or the Duchess of Amalfi)

TOSS-UP 25:

After fatally stabbing himself during the bungled robbery of a leather factory cashier, he is purified in heaven for sixteen years then returns to earth for one day to see his widow Julie. Once a successful merry-go-round barker at a Budapest amusement park, for ten points, name this title character of the Ferenc Molnar play adapted into the musical "Carousel".

Answer: Liliom

New Hampshire Anti-Primary : Cornell Bonuses

BONUS 1:

(30) Identify each type of set from a definition, 5-10-15.

5: Any point in the set has a neighborhood lying entirely within the set.

Answer: open set

10: Any Cauchy sequence of points in the set converges to a point in the set.

Answer: complete set

15: Any two disjoint closed subsets of the set have disjoint neighborhoods.

Answer: normal set

BONUS 2:

(30) Identify these John Wayne movies from plot synopses, ten points each.

1. Rooster Cogburn and a Texas Ranger help a tomboy find her father's killer.

Answer: "True Grit"

2. Sean Thornton returns to his homestead to escape his past, but his love for Mary Kate Danaher is obstructed by her ill-tempered brother, Red.

Answer: "The _Quiet Man_"

3. Col. Mike Kirby leads troops in Vietnam, trying to secure a camp from the enemy and kidnap a Viet Cong general.

Answer: "The _Green Berets_"

BONUS 3:

(30) Name these important federal acts governing labor unions, 5-10-15.

5: This 1947 act prohibited coercive union tactics, secondary boycotts, closed shops, and refusal of unions to bargain in good faith.

Answer: the _Taft-Hartley_ Act (or _Labor Management Relations_ Act)

10: This 1935 act guaranteed the right to unionize and bargain collectively and forbade employer-assisted unions.

Answer: the _Wagner_ Act (or _National Labor Relations_ Act)

15: This 1959 act sought to suppress organized crime in unions, ensure fair elections, and strengthen the ban on secondary boycotts.

Answer: the _Landrum-Griffin_ Act (or _Labor Management Reporting and Disclosure_ Act)

BONUS 4:

(30) Name the literary character, 30-20-10.

30: She ultimately marries Prof. Bhaer, and they found a school after her rich aunt wills her her estate, Plumfield.

20: Her writing helps make ends meet, and she sells her long, chestnut hair so her mother can go see her sick father, a Civil War chaplain.

10: This Alcott character is more mature than her sisters Meg, Beth, and Amy.

Answer: _Jo March_

BONUS 5:

(30) Given a European or quasi-European prime minister who came to power in 1996, name his country, 5-10-15.

5: Costas Simitis Answer: _Greece_

10: Goeran Persson Answer: _Sweden_

15: Mesut Yilmaz Answer: _Turkey_

BONUS 6:

(30) The 1998 Olympics in Nagano will include three new medal events. One is familiar as a longtime Olympic exhibition sport, one is the female version of a men's team game, and one is a fairly new recreation. For ten points each, name these new sports.

Answer: _curling_, _women's_ ice _hockey_, _snowboarding_

BONUS 7:

(30) Answer these related questions about celestial mechanics.

1. Pencil and paper ready. If a planet orbiting the Sun has a perihelion of three astronomical units and an aphelion of thirteen astronomical units, then for twenty points, what is its period of revolution, in Earth years?

Answer: _4_ years [Calculation: $((3+13)/2)^{2/3} = 4$]

2. The simplest way to answer the previous question was to use, for ten points, what law, stating that the square of a planet's period is proportional to the cube of its semimajor axis?

Answer: _Kepler's Third_ Law

BONUS 8:

(30) Identify the speakers of these lines from the final scene of "Hamlet", 5-10-15.

5: "I am justly killed with mine own treachery."

Answer: _Laertes_

10: "Good night, sweet prince, and flights of angels sing thee to thy rest."

Answer: _Horatio_

15: "A hit, a very palpable hit."

Answer: _Osric_

BONUS 9:

(30) In the 1960s, many Third World nations had Communist coups; but three Communist dictators bucked the trend, being overthrown by pro-West coups.

Given a dictator, name his nation, 5-10-15.

5: Ahmed Sukarno Answer: _Indonesia_

10: Kwame Nkrumah Answer: _Ghana_

15: Patrice Lumumba Answer: the _Congo Free State_ (or _Kinshasa-Congo_ or _Zaire_)

BONUS 10:

(30) Name each 1996 film from its main stars, ten points each.

1. Jack Nicholson, Shirley MacLaine, Juliette Lewis, Bill Paxton

Answer: "The _Evening Star_"

2. Meryl Streep, Robert De Niro, Diane Keaton, Leonardo DiCaprio

Answer: "_Marvin's Room_"

3. Dustin Hoffman, Robert De Niro, Brad Pitt, Kevin Bacon

Answer: "_Sleepers_"

BONUS 11:

(30) Answer these questions about companies included in the Dow Jones Industrial Average, 5-10-15.

5: Ever since 1928, the Dow has included how many companies? A: _30_

10: What non-industrial company, the fifth largest in the U.S. by market value, is the largest U.S. company not included in the Dow?

Answer: _Wal-Mart_

15: What's the only company to have been included in the Dow ever since the Dow was founded in 1896?

Answer: _General Electric_

BONUS 12:

(30) For ten points each, given a range of years, name the royal house that ruled France during that period.

1. 751 to 987 Answer: _Carolingian_

2. 987 to 1328 Answer: _Capet_ (or _Capetian_)

3. 1589 to 1830 Answer: _Bourbon_

BONUS 13:

(30) Identify the amino acid, 30-20-10.

30: Of the twenty amino acids necessary for human life, it's the only one that's non-chiral, hence never optically active.

20: It has the lowest molecular weight, 75.07, of any amino acid.

10: It's the simplest amino acid, its radical being a single hydrogen atom.

Answer: _glycine_

BONUS 14:

(30) Name each state given a clue describing all of its current U.S. House delegation, 5-10-15. Hint: The same trick applies to all 3 answers.

5: All belong to a third party.

Answer: Vermont (Its only Representative is Bernard Sanders.)

10: All are voluntarily retiring at the end of the current Congress.

Answer: Montana (Its only Representative is Pat Williams.)

15: All are female.

Answer: Wyoming (Its only Representative is Barbara Cubin.)

BONUS 15:

(30) Identify the mythological figure, 30-20-10.

30: Son of the wind-god Aeolus, and grandfather of Bellerophon, this cunning mortal's first wife was Merope, one of the Pleiades.

20: Founder of the city of Corinth, his second wife, Anticlea, was Odysseus' mother; it's been rumored that he was Odysseus' true father.

10: Telling of Zeus' abduction of Aegina and imprisoning Death in a dungeon are among the explanations for his laborious punishment in Hades.

Answer: _Sisyphus_

BONUS 16:

(30) The E.U. nations have finally agreed on the introduction of a new pan-European currency.

1. For five points, what will the currency be called?

Answer: the _Euro_

2. For ten points, what nation raised slight objection to the name "Euro" because it's too close to this country's word for "urine"?

Answer: _Greece_

3. For fifteen points, in what exact year will Euros first be produced and the old national currencies be scrapped, according to current plans?

Answer: _2002_

BONUS 17:

(30) Name the play from characters, 30-20-10.

30: Henry Straker, Hector Malone, Mendoza

20: Octavius and Violet Robinson, Roebuck Ramsden

10: Ann Whitefield, Jack Tanner, Don Juan Tenorio

Answer: _"Man and Superman"_, by George Bernard Shaw

BONUS 18:

(30) For ten points each, answer these questions about the physical geography of the former Soviet Union.

1. What strait joins the Black Sea and the Sea of Azov, thereby separating the eastern tip of Crimea from Russia?

Answer: the _Kerchensky_ Strait

2. What long, oil-rich island is separated from the east coast of Russia by the Tatar Strait?

Answer: _Sakhalin_

3. What large island, whose name means "rebirth," is by far the biggest island in the Aral Sea?

Answer: _Vozrozhdenia_

BONUS 19:

(30) Identify the position, 30-20-10.

30: Long-serving holders of this federal post have included Leslie Arends, Harry Englebright, and Trent Lott.

20: Dick Cheney resigned from this post to become Secretary of Defense.

10: Cheney was replaced by Newt Gingrich, who held this post until 1995.

Answer: _House minority whip_

BONUS 20:

(30) Identify these new TV series from their protagonists, ten points each.

1. Lucas Buck, played by Gary Cole--a tyrannical sheriff in Trinity, South Carolina.

Answer: _"American Gothic"_

2. Lt. Harmon Rabb Jr., played by David James Elliott--a Navy lawyer and criminal investigator.

Answer: _"J.A.G."_

3. Judge Justine Parks, played by Patricia Wettig--apparently the most normal judge or lawyer in an unspecified major city.

Answer: _"Courthouse"_

BONUS 21:

(30) Given an author, name the novel for which he won the Booker Prize--the highest literary award in the British Commonwealth--for ten points each.

Hint: The books have all been made into critically acclaimed films.

1. Thomas Keneally

Answer: _"Schindler's Ark"_ (do not accept: "Schindler's List")

2. Kazuo Ishiguro

Answer: "The _Remains of the Day_"

3. Michael Ondaatje

Answer: "The _English Patient_"

BONUS 22:

(30) For ten points each, identify these major works by Emile Durkheim.

1. This 1893 work traces the causes of job specialization and considers it integral to any culture, primitive or developed.

Answer: "The _Division of Labor in Society_"

(or "De la _Division du Travail Social_")

2. This 1897 work describes how anomie, or detachment from society, leads to willful self-destruction, held in check by religious sentiment.

Answer: _"Suicide"_ (or "Le _Suicide_")

3. This anthropological 1912 work argues that the totemic system of the Australian aborigines contains the germ of Judeo-Christianity.

Answer: "The _Elementary Forms of Religious Life_"

(or "Les _Formes Elementaires de la Vie Religieuse_")

BONUS 23:

(30) Name each artistic group from some or all of its members, for ten points each.

1. Lyonel Feininger, Alexei von Jawlensky, Vasily Kandinsky

Answer: the _Blue Four_

2. Erich Heckel, Ernst Kirchner, Karl Schmidt-Rottluff

Answer: _Die Brucke_

3. Alexei von Jawlensky, Franz Marc, Paul Klee

Answer: the _Blue Rider_ (or der _Blaue Reiter_")

BONUS 24:

(30) Identify these resins used as lithographic resists, fifteen points each.

1. This acrylic resin, dissolved in chlorobenzene, is the most common resist for electron-beam lithography; it's stripped using methylene chloride.

Answer: PMMA (or polymethylmethacrylate)

2. All common photolithography resists use this phenol-formaldehyde resin, similar to Bakelite and stripped using acetone.

Answer: novolak (also spelled novolac)

BONUS 25:

(30) Given a national epic, name the nation, ten points each.

1. "Os Lusíadas"

Answer: Portugal

2. "The Knight in the Tiger's Skin"

Answer: Georgia

3. "Kim-Van-Kieu"

Answer: Vietnam