

1999 Cardinal Classic Packet by Caltech TOSSUPS

1. The prosecution's star witness, Richard Douglas, said he had been whipped into testifying by storm troopers working for independent counsel Donald Smaltz, who spent four years and 20 million dollars on the investigation. It took a jury just nine hours to dismiss thirty counts against, for ten points, what former agriculture secretary accused of accepting bribes?

Answer: Mike Espy

2. It's when Andy Williams will "be blue 'cause you don't want my love." According to C-block, it's "nothin' but me and my crew havin' fun." For Gershwin, it's when "the livin' is easy." For ten points, name this season, which the Lovin' Spoonful feel "it's a pity the days can't be like the nights."

Answer: Summer time

3. In order to buy it, Nemorino enlists in Belcore's regiment, little knowing that his rich uncle has died and left him a fortune with which to woo Adina, Belcore's bride-to-be. The village girls, however, have heard the news and flirt with the lucky catch, leading him to believe in the effects of, for ten points, what bottle of Bordeaux wine sold by Dulcamara in a Donizetti opera of the same name?

Answer: The Elixir Of Love or L'elisir D'amore

4. Ogden Nash writes, 'I test my bath before I sit, And I'm always moved to wonderment, That what chills the finger not a bit, Is so frigid upon the fundament.' Milton however writes of a man who was "Eyeless, in Gaza, at the mill with slaves, himself in bonds under Philistian yoke." FTP, give the shared name of both works.

Answer: Samson Agonistes

5. At the age of 19, this noblewoman appeared at Vezelay Cathedral dressed like an Amazon to offer Bernard of Clairvaux her services in the Second Crusade. Although she and her ladies wore armor and carried lances, they never did fight because her husband, Louis VII, demanded she accompany him to Jerusalem. For ten points name this eventual wife of Henry II.

Answer: Eleanor of Aquitaine

6. Created on January 27, 1996, this eight-acre republic near the British Virgin Islands petitioned the U.N. for a seat in the General Assembly but was turned down despite the efforts of its first U.S. Ambassador, MTV sports guy Dan Cortese. For ten points, name this Nation of Untamed Spirits dedicated to the 'most prized tequila for the public good.'

Answer: the Republic of Cuervo Gold

7. When young, these saprophytes are white and homogeneous, eventually maturing to a brown or black surface covered in polygonal warts, and developing a pleasant odor. The most valued is the Perigord, which is unearthed among oak trees using trained pigs and dogs. For ten points, name this edible, subterranean fungus.

Answer: Truffles

8. The year is 50 B.C. and except for one small village, Gaul is entirely occupied by the Romans. Life is not easy for the Roman legionnaires who garrison the fortified camps of Totorum, Aquarium, Laudanum and Compendium. In a comic created by Uderzo and Goscinny, so begins each adventure of what tiny friend of Dogmatix and Obelix?

Answer: Asterix

9. A catcher's mitt and baseball bat, an umbrella, a book of matches, a faucet, a flashlight, four badminton birdies and a clothespin might not have much in common, except when they range from 12 to 440 feet tall. For ten points, these large objects are among the works of what Swedish-born pop art sculptor?

Answer: Claes Thure Oldenburg

10. Chef Louis Diat created it for the 1917 opening of his restaurant at New York's Ritz Carleton, naming it for a town famous for cold alkaline springs. In 1941, patriotic chefs angered by France's pro-Nazi government voted to rename it "creme gauloise," but that name never stuck to, for ten points, what cold, creamy, hard-to-spell leek and potato soup?

Answer: Vichyssoise (pron. vee-shee-SWAZ)

11. Her new ideas on spore cultivation were deemed worthless by the Royal Society, so she threw herself into painting and prolific correspondence, unwittingly composing a masterpiece. For ten points, who, in 1893, began a letter to a sick child, 'I don't know what to write to you, so I shall tell you a story about four little rabbits...'

Answer: Beatrix Potter

12. In 1799, Ruffini's proof of the problem's insolubility fell short. Hermite used elliptic functions to solve its general case in 1850, since in 1824 Abel had correctly proven that the solution could not be found by the extraction of roots. For ten points, give the general term for these equations of degree five.

Answer: Quintic equations (accept fifth-degree polynomial equations or equivalent on early buzz)

13. In great confusion due to a fog of smoke from the stacks and guns of 250 ships as well as the sloppy work of the scouting forces, German Admiral Reinhard Scheer battled it out against British Admirals David Beatty and John Jellicoe for control of the North Sea. For ten points, name this 1916 naval engagement which both sides claimed as a victory.

Answer: Battle of Jutland [pron. YUT-land] (or Battle of the Skagerrak)

14. When its beneficiary suffered financially due to a bad legal judgment, his neighbors proved you can't hold good love gravy down by organizing this October 7 benefit concert featuring Prodigy, Primus, and Crystal Method. For ten points name this music event of the decade at which Master P performed 'Kenny's Dead' to help out the sultan of soul food.

Answer: Chef Aid

15. Three of them, each 54 inches high, were supposed to guard a chapel on the estate of the maharajah of Indore, but the building was never completed. One was white marble and one black, and a 40% duty was placed on the bronze one by a customs official who took it to be a machine part rather than an artwork. For ten points, name this sculpture by Constantin Brancusi.

Answer: Bird in Space or Maiastra

16. Only five feet, three inches tall due to a mysterious childhood illness, he was blocked from the drug testing room after the 1984 Winter Olympics because "he didn't have the right credentials," despite the

gold medal around his neck. For ten points name this figure skater known for his recent battle with testicular cancer and his trademark backflip.

Answer: Scott Hamilton

17. After receiving a degree in international relations from the University of Toronto, he married Arsinee Khanjian, who first appeared in his work 'Next of Kin.' Born in Cairo to Armenian parents, he was named after Egypt's first nuclear reactor. For ten points, name this Canadian director of 'The Sweet Hereafter' and 'Exotica.'

Answer: Atom Egoyan

18. "I have lived as a philosopher, and I want to die as a philosopher," he said on his deathbed, seemingly contradicting his earlier statement 'God has in grace received me and allowed me to die.' For ten points, name this former mathematician who built this sort of religious conversion into his concepts of the life-world and phenomenology.

Answer: Edmund Husserl

19. He was always lugging home wild things: once a hawk with a hurt wing, another time a full-grown bobcat with a broken leg. But you can't give your heart to a wild thing, as this horse doctor from Tulip, Texas, found out when he married 14-year-old orphan Lulamae Barnes, who ran off to New York and changed her name to Holly. For 10 points, identify this husband of the main character in 'Breakfast at Tiffany's.'

Answer: Doc Golightly

20. If one particle of a newly created pair is moving outwards from a black hole while the other moves inwards, the black hole can capture the inward-moving particle while missing the outward-moving one, making the black hole appear to emit radiation. For ten points, give the term for this radiation process, named for the author of 'A Brief History of Time.'

Answer: Hawking radiation

21. On his deathbed in a dingy room at the Maison Vauquer, he speaks lovingly to Rastignac and Bianchon of his abusive daughters, who, although they received lavish dowries from the sale of his vermicelli business, have driven him to desperation with their selfish demands for money. For ten points, name this Balzac title character.

Answer: Pere (Old, Father, equivalents) Goriot

22. Arising after the empire of Tamerlane, it preceded the rise of the Mahr Attas. Before falling apart under the reign of Aurangzeb, it was led by rulers such as Jahangir and Baber, who began the empire in 1526. For ten points name this Muslim-Tartar empire in India, also ruled by Akbar and his grandson, Shah Jehan.

Answer: Moghul empire

23. Because exposure to infrared light causes it to emit photons at the telecommunications wavelength of 1.5 microns, it is an important dopant constituent of signal repeaters and amplifiers in fiberoptic cables. For ten points, name this element which, because of their similar properties, in 1860 accidentally had its name switched with ytterbium.

Answer: Erbium

24. The shite (pron. shtay) often appears in the first half as a peasant, departs, then appears in the second half in his true form as the ghost of a long-dead famous person. The waki appears as a travelling priest who questions the shite, and the kyoghen actors supply humorous interludes between the acts of, for ten points, what traditional Japanese theatrical form?

Answer: Noh theatre

25. One fourth century bishop of this name from Samosata was a martyr who fought Arianism, while another, the bishop of Constantinople, refused to condemn Arianism at Nicaea and later led an eponymous group of Arians. Still another from Caesarea urged Arius to renounce his heresy and wrote a landmark Ecclesiastical History of the Christian church. For ten points give this name, later adopted as a pseudonym of Robert Schumann.

Answer: Eusebius

26. Two months after his death, his friends David Herold, Lewis Payne and George Atzerodt were convicted of conspiracy and hanged. Payne had wounded Secretary of State William Seward; Atzerodt had failed in an attempt to murder vice-president Andrew Johnson. For ten points, name this man who successfully assassinated President Abraham Lincoln?

Answer: John Wilkes Booth

27. One obviously cannot spread guns on toast, not can one shoot butter. An economy producing both guns and butter must make a tradeoff between producing less guns for more butter, or vice versa. The list of all the possible efficient production combinations makes up, for ten points, what economic construct abbreviated PPF?

Answer: Production-Possibility(s) Frontier

28. In the sort-of sequel to this work, "A Monk Swimming," the author's brother Malachy tells of his job smuggling gold bars to India and his life as an actor and bartender in New York City -- never mind his poor, miserable, Irish Catholic childhood. For ten points name this Pulitzer Prize-winning memoir by Frank McCourt.

Answer: Angela's Ashes

29. As a Parliamentary officer from 1909 to 1914, he launched a successful drive to improve health and hygiene among the Maori, later researching Polynesian ethnology for Honolulu's Bishop Museum. For ten points name this Maori anthropologist, author of Vikings of the Sunrise, who shares his first and last names with the lead guitarist of R.E.M.

Answer: Sir Peter Henry Buck (original name Te Rangi Hiroa)

30. In Jose Saramago's "The Stone Raft," this landmass breaks away from its position, moving toward the Azores at 750 meters per hour. Named by the Greeks after its second longest river, for ten points, name this peninsula separated from Europe by the Pyrenees and occupied by the countries of Spain and Portugal.

Answer: Iberian peninsula

31. Retired schoolteacher William Auld wrote fifty-two books in this language, making him the first nominee for the Nobel Prize for Literature to use it, although over one hundred periodicals are published

in it. For ten points, name this language spoken by about 100,000 persons worldwide, created in 1905 by L.L. Zamenhof.

Answer: Esperanto

Caltech Cardinal Classic 1999 BONUSES

1. Name the following amino acids for ten points each.

A. (10) The simplest amino acid, it is an inhibitor released by interneurons to suppress motoneuronal activity.

Answer: Glycine

B. (10) This sulfur-containing essential amino acid found in egg albumin is important in the methylation of compounds.

Answer: Methionine

C. (10) Synthesized from glutamic acid, it contains a secondary rather than primary amino group and is found in collagen.

Answer: Proline

2. Bonus 5-10-15.

A. (5) It focuses on an act's consequences, not its intrinsic nature or the agent's motives. For five points, name this ethical principle which promotes the greatest happiness for the greatest good.

Answer: Utilitarianism

B. (10) In 1822, this philosopher established the Utilitarian Society. His 1861 essay, 'Utilitarianism,' incorporated democratic government into the utilitarian ideal.

Answer: John Stuart Mill

C. (15) Mill took the word 'utilitarian' from 'Annals of the Parish,' a novel of Scottish country life by what author, whose name shows up in a 1957 philosophical work promoting egoism?

Answer: John Galt

3. For ten points each, given a description of a TV production closer, name the production company for ten points each. Or, you'll get five points if you instead provide the name of any current television show that ends with that closer.

A. (10) The company name is projected in blurry black and white. Over the sound of a projector running, a child's voice says, "I made this!"

Answer: Ten Thirteen Productions (5 points for The X-Files or Millennium)

B. (10) A granny in a rocking chair is watching TV. When she clicks the remote, the company name whooshes out of her TV, knocking her backward. As she falls over, she exclaims, "You stinker!"

Answer: David E. Kelley Productions (5 points for The Practice, Ally McBeal or Chicago Hope)

C. (10) The company name appears as an animated cut-out zombie ambles across the screen saying, "Grrrr! Aaaargh!"

Answer: Mutant Enemy Productions (5 points for Buffy the Vampire Slayer)

4. Name these famous Cyrenians for ten points each.

A. (10) When Jesus could no longer bear the burden of his cross, this man was forced to carry it for him.

Answer: Simon

B. (10) By looking into wells at Syene and Alexandria, he determined the circumference of the earth.

Answer: Eratosthenes

C. (10) The motto of this disciple of Socrates, who founded the Cyrenaic school of hedonism, was 'I possess; I am not possessed.'

Answer: Aristippus

5. Thanksgiving is less than ten months away! Answer the following about the Pilgrims for ten points each.

A. (20) The settlers were known as the Old Comers or Forefathers before the discovery of a manuscript referring to the 'saints' who had left Holland as 'pilgrimes.' For ten points each, name the book and its author, the first governor of the colony.

Answer: A History Of Plymouth Plantation, William Bradford

B. (10) For another ten points, name the town in Holland to which the settlers had originally fled to escape religious persecution in England.

Answer: Leyden

6. Identify the following poetic references from 'A Streetcar Named Desire' for fifteen points each:

A. (15) Mitch owns a silver cigarette case with the inscription 'And if God choose, I shall but love thee better after death.' Blanche recalls that this quote comes from what poet's Sonnet 43?

Answer: Elizabeth Barrett Browning

B. (15) After asking Stella "What on earth are you doing in a place like this?" Blanche compares it to "the ghoul-haunted woodland of Weir," a reference to what poet's "Ulalume?"

Answer: Edgar Allan Poe

7. Quantum Mechanics Bonus, for ten points each:

A. (10) Samuel Goudsmit and George Uhlenbeck came up with this concept to explain the magnetic moment measurements made by Stern and Gerlach in 1922.

Answer: Electron Spin or Spin angular momentum

B. (10) With his advisor, Clinton Davisson, this Columbia grad student bombarded a single crystal of nickel with an electron beam to confirm the wave-particle duality of the electron.

Answer: Lester Halbert Germer

C. (10) One day when he was riding the subway, this M.I.T. student thought of a brilliant explanation for why metals lose electrical resistance at low temperatures, thus making him the S in the BCS theory.

Answer: John Robert Schrieffer

8. She writes, 'He is a poet capable of lyricism, an artist full of spirit and talent.' He writes, 'I was twelve years old and I had never [had sex with] anyone...I wanted to see what it was like.' For fifteen points each, name the thirty-six year old schoolteacher and her fifteen year old lover who told their story in the 1998 book, 'Forbidden Love.'

Answers: Mary Kay Letourneau and Vili Fualaau

9. 30-20-10, name the location of these historic events.

A.

30: In the Nibelungenlied [pron. NEE-beh-lun-gen-leed], the historical King Gunther led the Burgundians across the Rhine in the early 5th century, establishing a kingdom here.

B.

20: Pope Calixtus II and Holy Roman Emperor Henry V settled the investiture controversy here in 1122.

C.

10: It was here that Martin Luther appeared before the Diet of the Holy Roman Empire in 1521 to defend his beliefs, eventually being denounced as a heretic.

Answer: Worms, Germany

10. Identify the following Supreme Court cases relating to an individual's right to privacy for ten points each.

A. (10) In this 1965 case, the court ruled that a statute preventing the appellants from providing information about and means of contraception to married persons was unconstitutional.

Answer: Griswold v. Connecticut

B. (10) When the respondent in this 1986 case challenged a Georgia law criminalizing sodomy, the court ruled that the Constitution does not confer a fundamental right to sodomy; thus the law was constitutional.

Answer: Bowers v. Hardwick

C. (10) Four Washington physicians challenged their state's law against assisted suicide in this 1997 case, but the Court ruled that the law did not violate the Due Process Clause.

Answer: Washington v. Glucksberg

11. Perhaps the most famous of all love triangles is the one in the movie "Casablanca." Given an actor who played part of that triangle, you'll get five points for giving the character's full name and another five points for giving that character's birth nationality.

A. (10) Humphrey Bogart

Answer: Richard Blaine (also accept: Rick Blaine) American (also accept: Drunkard)

B. (10) Ingrid Bergman

Answer: Ilsa Lund (also accept: Ilsa Lazlo); Norwegian

C. (10) Paul Henreid

Answer: Victor Lazlo; Czech

12. Name these special determinants for fifteen points each.

A. (15) Given a set of n equations in n variables, this is the determinant of the matrix whose elements correspond to the derivative of each of the n equations with respect to each of the n variables.

Answer: Jacobian determinant

B. (15) This determinant of the matrix formed by n solutions to a linear differential equation and their first $n-1$ derivatives must be nonzero for the solutions to be linearly independent.

Answer: Wronskian

13. (30) They have a son named Junior, an obnoxious terrier named Asta and a common passion for sleuthing. For ten points each, name this hard-drinking literary couple played by William Powell and Myrna Loy on screen, the novelist who created them, and the book in which they first appeared.

Answers: Nick and Nora Charles (accept either underlined part), Dashiell Hammett, *The Thin Man*

14. Identify the following characters from 'Othello' for ten points each.

A. (10) Othello's chief lieutenant who is accused of an affair with Desdemona.

Answer: Cassio

B. (10) Iago's wife, whose loyalty to Desdemona surfaces in the end.

Answer: Emilia

C. (10) Desdemona's former suitor who conspires with Iago.

Answer: Roderigo

15. Answer the following about the earth's rotation, 5-10-15.

A. (5) The oblate shape of the earth and the gravitational forces exerted on Earth by the sun and moon cause this cyclic movement of the earth's axis.

Answer: Precession (of the equinoxes)

B. (10) This small irregularity in the precession of the equinoxes is caused by the tilt of the moon's orbit with respect to the Earth's orbit around the sun.

Answer: Nutation

C. (15) Named for an American astronomer, this movement of the earth's axis of rotation around the pole causes latitude to vary with a period of 14 months.

Answer: Chandler Wobble

16. In 1998 Miramax brought us two movies featuring Queen Elizabeth I: the movie "Elizabeth," and the movie "Shakespeare in Love."

A. (10) For 5 points each--name the two actresses who play Queen Elizabeth I in the two movies.

Answer: Cate Blanchett and Judi Dench

B. (10) For another 5 points each--name the two actors who appear in both movies.

Answer: Geoffrey Rush and Joseph Fiennes

C. (10) For a final 10 points--in 1997 Judi Dench appeared as a British monarch in what other Miramax movie.

Answer: Mrs. Brown (also accept: Her Majesty, Mrs. Brown)

17. Given the name of a sword, identify its owner for ten points each.

A. (10) Crocea Mors, meaning "Yellow Death"

Answer: Julius Caesar

B. (10) Joyeuse

Answer: Charlemagne (also owned a sword called Flamberge)

C. (10) Balmung, or Gram

Answer: Siegfried (also accept: _SIGURD_)

18. 30-20-10 name the place Maribeth visited on spring break two years ago.

A.

30: Maribeth chose not to visit this town's Private John Allen National Fish Hatchery or the Oren Dunn Museum, which houses one of only two stamped envelopes to be canceled on the moon.

B.

20: She did, however, notice a statue commemorating an engagement there on July 14-15, 1864, in which General A.J. Smith prevented Nathan Bedford Forrest from interfering with Sherman's supply lines.

C.

10: The highlight of her trip was a visit to the two-room house in which, on January 8, 1935, the King was born.

Answer: Tupelo, Mississippi

19. The McGwire-Sosa home run battle eclipsed some other interesting 1998 records. For ten points each, name:

A. (10) The Arizona Diamondbacks pitcher who was the first in fifty-four years to intentionally walk a batter with the bases loaded.

Answer: Gregg Olson

B. (10) The Tiger outfielder who went 0 for 13 in a doubleheader, setting a record for the most at-bats without a hit in a single day.

Answer: Brian Hunter

C. (10) The shortstop for the Blue Jays who struck out six times in one day, tying the major league record.

Answer: Alex Gonzalez

20. For ten points each, identify the following people with Scottish-sounding names.

A. (10) The British actor featured in this year's ~Apt Pupil~ and ~Gods and Monsters~, who also played Richard III in 1995.

Answer: Sir Ian Murray McKellen

B. (10) The author of ~Breakfast on Pluto~ who won the 1998 Booker Prize for Amsterdam.

Answer: Ian McEwan

C. (10) This actor has signed on as the young Ben Kenobi for all three Star Wars prequels.

Answer: Ewan McGregor

21. Answer the following about St. Paul for ten points each:

A. (10) Who was the Hellenist Christian who was stoned to death while Paul held the murderers' coats?

Answer: Stephen

B. Over the wall of what city did Paul famously escape in a basket?

Answer: Damascus

C. Paul supported himself by a manual trade, which in his case was what profession, also that of the father of Omar Khayyam?

Answer: Tent-Making (accept equivalents)

22. Identify the following reactions named after pairs of chemists for 15 points each.

A. (15) Alkylation and acylation reactions of aromatic compounds that are catalyzed by aluminum chloride, they were discovered at the Sorbonne in 1877 by a Frenchman and an American.

Answer: Friedel-Crafts reactions

B. (15) The 1950 Nobel Prize in chemistry was awarded for this discovery of a diene synthesis of cyclic organic substances for use in synthetic rubber and plastics by two Germans.

Answer: Diels-Alder reactions

23. Name the following treaties associated with the Napoleonic Wars, 5-10-15.

A. (5) This 1815 treaty, which ended the Napoleonic Wars, took the Saar and Savoy away from France and exacted great monetary indemnities.

Answer: Treaty of Paris

B. (10) This 1807 treaty signed by Napoleon and Alexander I divided Europe between France and Russia, making Austria and Prussia helpless.

Answer: Treaty of Tilsit

C. (15) This 1814 treaty forced Denmark to give up all its rights to Norway, except for Greenland, Iceland and the Faroe Islands.

Answer: Treaty of Kiel

24. A. (10) For ten points, name the designer of Madison Square Garden and the New York Herald Building who was shot to death in 1906 by his former lover's jealous husband.

Answer: Stanford White

B. (20) Now, for ten points each, name the eccentric playboy who shot White 'to avenge the rape of his wife,' and the showgirl who started all the trouble.

Answers: Henry Kendall (Harry) Thaw and Evelyn Nesbit

25. A. (20) Shania Twain, James Taylor, Boyz II Men, and the Spice Girls are featured on the soundtrack to the latest Disney musical, which is based on an opera about an enslaved Nubian princess. For ten points each, name the musical and the 1871 opera.

Answers: Elaborate Lives: The Legend of Aida and Aida

B. (10) For five points each, name the composer and lyricist responsible for the update, who also brought us the 'The Lion King.'

Answer: Elton John and Tim Rice

26. Identify the following contributors to Diderot's Encyclopedie for ten points each.

A. (10) The music articles were written by this opera composer, known better today as a naturalistic philosopher.

Answer: Jean-Jacques Rousseau

B. (10) This political theorist refused to write on democracy and despotism, as he had already had his say on those themes, but did provide an Essay on Taste.

Answer: Baron de Montesquieu (Charles-Louis de Secondat)

C. (10) The mathematics came from this man, who stated that Newton's Third Law is true for moving bodies as well as fixed ones.

Answer: Jean le Rond D'Alembert