

Cal C

Tossups

1. It is a unicameral parliament which consists of 120 members who serve for 4 years per term. Currently it is dominated by a Labor-led coalition, but was controlled for many years by Likud. For ten points, name this governing body of Israel.

Ans: KNESSET

2. They were persecuted by Richard II and Henry IV, who had his good friend Sir John Oldcastle burned at the stake for supporting them. They believed in the free access to the Gospel and their leader, John Wycliffe, wrote the first translation of the Bible into English. For ten points, name these 14th century heretics.

Ans: the LOLLARDS

3. For ten points, Noctec, Doriden, Placidyl, Dalmane, Amytal, Halcion, Quaalude, and Valium are trade names for what kind of drugs?

Ans: DEPRESSANTS (do not accept BARBITURATES)

4. "I don't know much about painting and sculpture, but I have gained great experience in fortifications," he boasted in 1544. Although he designed the fortifications of Florence, his native city, between 1527 and 1529, he is best remembered for, yes, his painting and sculpture, such as "The Holy Family", "Moses", "Pieta", and the recently-restored Sistine Chapel ceiling. FTP, name him.

Ans: MICHELANGELO Buonarroti

5. For many years, scientists have considered the virus the simplest infectious agent. Dr. Stanley Prusiner has proposed the existence of an even simpler kind of organism, if indeed it can be called that. Prusiner's theories about lone proteins capable of proliferating and infecting a host body were scorned at first by mainstream science, but he won the prestigious Lasker Award in medical research in September 1994. FTP, what is Prusiner's name for the miniscule proteins that can override a host's neural protein system?

Ans: PRION (PREE-ahn)

6. After dominating high school basketball in Philadelphia in the mid-1950's, this player starred at Kansas University before joining the Harlem Globetrotters. After winning an NBA championship with the Philadelphia 76ers, he finished his career with the Los Angeles Lakers as the league's all-time leader in total points, scoring average, and rebounds. He takes the most pride in his record of never fouling out of a game in 14 seasons, but he is most notorious for his claims to have slept with over 20,000 women. FTP, name him.

Ans: Wilt CHAMBERLAIN

7. A strain of this type of cell called HeLa, removed from a woman named Henrietta Lacks, has been kept alive in a test tube since 1951. It is characterized by rapid, unlimited division and can spread throughout the body through a process known as metastasis. FTP, name this type of cell.

Ans: CANCER

8. Name's the same? Well, half-way, anyway. FTP, name the 17th century English metaphysical poet who shares his name with the 41st president of the United States.

Ans: GEORGE HERBERT

9. Clearly, Rush Limbaugh wouldn't cut it on the College Bowl circuit. After all, he claimed "for the first time in military history, U.S. military personnel [in Bosnia] are not

under the command of United States generals." FTP, who was in overall command of the allied troops in World War I?

Ans: Marshall Ferdinand FOCH

10. It was incorrectly solved by Galileo, who suggested the correct answer was the arc of a circle. It was correctly solved by Newton, Leibniz, L'Hopital, and Johann Bernoulli, among others, whose correct answer was "one half of one arch of an inverted cycloid." FTP, name this famous challenge in mathematics, which is named after a Greek phrase for "shortest time".

Ans: The BRACHISTOCHRONE problem

11. Leviathan was Hobbes' monumental work of Political Philosophy, but what 20th century American poet wrote the poem "Leviathan", in addition to "The Carrier of Ladders" and translations of "El Cid" and "The Song of Roland"?

Ans: W.S. MERWIN

12. Born in 1844, this French painter worked as a customs official until 1885, when he retired to spend more time on his art. Completely self-taught, he painted metaphorical and often surreal paintings set in exotic jungle or desert locations. FTP, name this artist, who created such works as "Snake Charmer", "The Dream", and "Sleeping Gypsy".

Ans: Henri Julien Felix ROUSSEAU or LE DOUANIER

13. He was born in 1826 and died at the age of 39. He won his PhD under Gauss and is remembered even today by beginning calculus students for his "sum" and by mathematicians for his "zeta-function". FTP, name this German mathematician remembered for his seminal work in mathematical physics, geometry, and complex analysis.

Ans: Georg Friedrich Bernhard RIEMANN.

14. Bouts of this condition are triggered by an "aura", such as Mary Hart's voice. Next, during the tonic phase, the victim's body muscles suddenly contract, causing him or her to cry out and fall to the ground. In the ensuing clonic phase, the victim's muscles contract rhythmically and violently. Afterward, the victim feels tired or sleepy, but usually, no damage to the body occurs. FTP, what is the illness whose symptoms are described above?

Ans: EPILEPSY

15. "He died of a busted gut" is how H. L. Mencken described this person's death, which occurred shortly after his humiliation by Clarence Darrow when they faced each other in the courtroom during the Scopes Monkey Trial.

Ans: William Jennings BRYAN

16. Pencils and paper ready: FTP, given the quadratic equation $6x^2 + 13x - 28 = 0$, find the sum of its roots.

Ans: $-13/6$

17. With so much attention being paid to "Schindler's List," Japanese citizens are clamoring for recognition of their own Schindler of sorts. As Japan's consul general to Lithuania in the 1940's, he issued exit visas to over 6,000 desperate Jews fleeing Nazi persecution. As a result of this act of conscience, he lost his job and spent the rest of his days as a door-to-door lightbulb salesman. FTP, name this Japanese Schindler who died largely unknown in 1986.

Ans: Chiune SUSIHARA

18. This 19th-century mathematician was born in Poland but spent most of his life in France. His most significant contribution to mathematics was in the relation of differential equations to linear algebra, and his name is associated with the determinant of the matrix formed by a group of functions and their derivatives. FTP, name him.

Ans: Josef-Marie WRONSKI

19. She lent her voice recently to a character on "The Simpsons," a girl too bad for Bart. She's stirred up a publicity mess after deriding the book "The Bridges of Madison County" but still is going to star in the upcoming movie version. FTP, name this actress, nominated 9 times for Academy Awards and a winner of two, who last starred in "The River Wild".

Ans: Meryl STREEP

20. Name's the same: He may lead the congregation in song or prayer at a synagogue, or he may be a German set theorist, remembered for his "set", his "dust" and his important work in the area of mathematical [transfinite] induction.

Ans: George CANTOR.

21. Running between Brooklyn and Staten Island, this bridge spans the channel between Upper and Lower New York Bay. For ten points, name it.

Ans: VERRANZO NARROWS Bridge

22. Last name's the same: the first wrote "song of arat", and the second wrote "the weary blues...", but both are poets, not musicians.

Ans: Langston and Ted HUGHES

23. In an interview, Quentin Tarentino called this man one of his three greatest directorial influences. His comedic films may seem to have little to do with "Reservoir Dogs", but other films such as his 1932 "Scarface" have closer ties. FTP, name this director of such films as "Dawn Patrol", "Only Angels Have Wings", "The Big Sleep", "Twentieth Century", "Rio Bravo", and "Bringing Up Baby".

Ans: Howard Winchester HAWKS

24. The name is the same: Faust's assistant in Goethe's poem and the composer of operas such as Tannhauser and Lohengrin.

Ans: Richard WAGNER

25. He was a leading experimenter during that cavalier era of science, the 17th century. In his 1672 treatise "Experimenta Nova Magdeburgica," he described two of the most fundamental physical phenomena, the vacuum and electricity. For ten points, name the German inventor of the Magdeburg hemispheres and the first electrical generator.

Ans: Otto von GUIERICKE

Cal "C"

Boni

1. (30) Answer the following questions about world chess champions.

A) For 5 points, name the only American ever to hold the world title.

Ans: Bobby FISCHER

B) For 10 points, name the man who became world champion when Fischer forfeited his crown in 1975.

Ans: Anatoly KARPOV

C) For 15 points, name the early 20th century German who still holds the record for longest tenure as world champion.

Ans: Dr. Emmanuel LASKER

2. (30) Identify these top Nazi officials given the sentence they received at the 1946 Nuremberg trial and a short description of their positions in the Third Reich, for 5 points apiece and a 5 point bonus for all 5.

A) After being sentenced to death, this supreme commander of the German Air Force swallowed poison to avoid being hanged.

Ans: Hermann GOERING

B) Sentenced to life in prison, this secretary to Hitler was famous for his strange solo flight to Britain in May of 1941.

Ans: Rudolf HESS

C) and D) These two men were sentenced to twenty years in prison: one started out as Hitler's chief architect before serving as the Minister of Armaments and Weapons, and the other was the first leader of the Hitler Youth.

Ans: Albert SPEER and Baldur von SCHIRACH

E) This Grand Admiral, who commanded the Third Reich in the eight days between Hitler's death and Germany's surrender, was sentenced to ten years in prison.

Ans: Karl DOENITZ

3. (30) Answer the following questions about the 1994 World Cup.

A) For 5 pts, name the stadium where the championship game was played.

Ans: THE ROSE BOWL

B) For another 5 pts, name the Italian star who missed a penalty kick that would have kept his team alive in the championship game shootout.

Ans: Roberto BAGGIO (BAH-zhee-oh)

C) For 10 pts, name the high-scoring Bulgarian superstar who assisted on the goal that knocked defending champion Germany out of the tournament.

Ans: Hristo STOICHKOV

D) For another 10 pts, name the Russian striker who set a new World Cup single-game scoring record by tallying 5 goals against Cameroon.

Ans: Oleg SALENKO

4. (25) Developed by Sir Hugh Thomas toward the end of World War I, this device led to an immediate, drastic reduction in mortality rates in the trenches. Used in the treatment of upper leg injuries, it attaches to the patient's foot and pulls against the body's long axis; this prevents muscle spasms and internal bleeding in femur fractures, and is used to straighten out bones during setting. For 25 points, identify this splint.

Ans: TRACTION splint

5. (20) Answer the following questions about Dante's Divine Comedy for 5pts each.

A) This poet leads Dante through the 1st half of the Divine Comedy.

Ans: VIRGIL

B) This mysterious woman whom Dante saw only a handful of times in his entire life leads him through the 2nd half of the Comedy.

Ans: BEATRICE

C) This Carthaginian queen, immortalized by Virgil, represents the folly of unbridled passion in the Inferno.

Ans: DIDO

D) Name any 2 of the 3 sinners who are punished eternally for their treachery by being chewed by Satan.

Ans: Any 2 of JUDAS Iscariot, CASSIUS, BRUTUS

6. (30) For ten points each, give (within one) the number of letters in each of the following alphabets:

A) Classical Greek Ans: 24 (accept 23 or 25)

B) Cyrillic Ans: 33 (accept 32 or 34)

C) Hebrew Ans: 22 (accept 21 or 23)

7. (30-20-10) Name the author by a list of his works:

30. The poems "I visited again...", "Unto Myself I Reared a Monument," and "Message to Siberia."

20. The plays and prose works "Mozart and Salieri," "The Stone Guest," and "Boris Godunov."

10. The epics "The Bronze Horseman" and "Eugene Onegin."

Ans: Aleksander PUSHKIN

8. (30) It sprang from the Courtly Love tradition of the 13th century, and has its roots in the music of the Provençal troubadours. Characterized by its highly imaginative tonal and rhythmic variety, this style of music fueled the dance craze of the 14th century. Brought to the courts of Europe by composers such as Machaut, Perugia, Ciconia, Dunstable and the great Dufay, it was the sound of the Renaissance. For thirty points, name this musical genre, which succeeded the Ars Antiqua of Leonin and Perotin.

Ans: ARS NOVA

9. (30) Identify the following 60's or 70's rock-and-roll bands from their original names for 5 points each and a 5 point bonus for all 5.

1) The Quarrymen

Ans: The BEATLES

2) The Polliwogs

Ans: CREEDENCE CLEARWATER REVIVAL (also accept CCR)

3) Mammoth

Ans: VAN HALEN

4) The New Yardbirds

Ans: LED ZEPPELIN

5) Tom and Jerry

Ans: SIMON AND GARFUNKEL

10. 30-20-10: Name the author from the works.

(30) For the Good of the Cause, Lenin in Zurich

(20) Cancer Ward, The First Circle

(10) Gulag Archipelago, One Day in the Life of Ivan Denisovitch

Ans: Alexander SOLZHENITSYN (sol-zhuh-NEE-tsin)

11. (25) For five points apiece, name the artist given the title and year of a work:

A) Burial at Ornans, 1849

Ans: Jean Desire Gustave COURBET

B) Saturn Devouring His Children, 1823

Ans: Francisco GOYA

C) The Death of Sardanopolous, 1826

Ans: Eugene DELACROIX

D) The Night Cafe, 1888

Ans: Vincent VAN GOGH

E) Grande Odalisque, 1814

Ans: Jean Auguste Dominique INGRES

12.(30) Name this Famous American for 30 points after the first clue, 20points after the second clue, or 10 points, if it takes you all three:

30: Although you wouldn't think of him as a musician, let alone a*surf* musician, he wrote the words to the the Beach Boys' "Sloop John B",in what must be one of the oddest "collaborations" in music history.

20: In a genre and city we more closely associate with him, hedecided Chicago in these words: "Hog Butcher for the World ... City ofBig Shoulders" is his poem "Chicago."

10: Although not as monumental a work as "Sloop John B", he is perhaps bestknown for his 4 volume biography of the 16th president of the UnitedStates.

Ans: Carl SANDBURG

12. (30) I'll take Warren G. Harding for 30 points, Alex. For apossible 30 points, answer these questions about our 29th President.

For 5 points, name the then Vice-President who succeed Harding in office,upon his death in 1923.

Ans: Calvin COOLIDGE

For 10 points, what does that G stand for anyway?

Ans: GAMALIEL

And for 15 points: Herbert Hoover became ex-VP Coolidge's own VPbefore becoming President. But what position did he hold in the the Hardingcabinet?

Ans: Secretary of COMMERCE

13. (30) With hislatest win in the Tour de France, Miguel Indurain has donesomething only two other men have done, winning the Tour 4 times in a row.In fact, these two men and one other are the only three to have won therace more than 4 times. For 10 points apiece, nam e the three men who have won the Tour 5 times.

Ans: Jacque ANQUETIL, Eddy MERCKX, Bernard HINAULT

14. (30) The Italian government may be a mess now, but it's certainly better than it was 60 years ago. Let's revisit those days with three questions, for ten points each, about Fascist Italy.

A) Signed in May, 1939, this political and military alliance between Italy and Germany required each signatory government to support the other in the event of war. Name it.

ANSWER: The Pact of Steel

B) This playwright signed the "Manifesto of Fascist Intellectuals" in 1925 and later had his Nobel Prize melted down to contribute to the military campaign in Abyssinia.

ANSWER Luigi Pirandello

C) Name the army general who, upon Mussolini's arrest in 1943, was appointed chief of government by King Victor Emmanuel III. he led Italy into "cobelligerence" with the Allies near the end of World War II.

ANSWER Pietro Badoglio

15. (30) Name the composers from their operas. You will get 10 points after the first clue and 5 points if you need a second work.

A. Un Ballo in Maschera (10pt); Aida (5pts)

Ans: Giuseppe VERDI

B) Lucia di Lammermoor (10pts); Don Paquale (5pts)

Ans: Gaetano DONIZETTI

C) Boris Gudunov (10pts); Khovantchina (5pts)

Ans: Modeste MUSSORGSKY

16. (30) Has the Harmonic Convergence Bowl driven you to drink? Given the ingredients, for 10 points each, name the drink:

A) Southern Comfort, Triple Sec, Sloe Gin, Galliano and Orange Juice

Ans: ALABAMA SLAMMER

B) Rum, Coca-Cola and a lime wedge

Ans: CUBA LIBRE

C) Amaretto, Kalhua, Irish Creme

Ans: B-52

17. (30) Name this philosopher, for 30 points after the first clue, 20 points after the second clue, or 10 points, if it takes you all three:

30 point clue: He was born in Vienna in 1902 and died earlier this year on September 17, 1994.

20 point clue: One of his famous polemical works is "The Open Society and Its Enemies".

10 point clue: He is especially well known as a philosopher of science and for his notion that a "good" theory must be falsifiable.

Ans: Karl POPPER

18. (30) Mexico has recently witnessed the sort of political violence America hasn't seen since the 1960's. FTP a piece, name:

A) The PRI presidential candidate who was assassinated March 23:

Ans: Luis Donaldo COLOSIO

B) The PRI party secretary-general assassinated September 28:

Ans: Ruiz MASSIEU

C) Mexico's president-elect, who faces dubious prospects of surviving his term:

Ans: Ernesto ZEDILLO

19. (30) FTP apiece, name the following geographical features obvious on any globe:
A) The massive ice shelf covering hundreds of thousands of square miles on the coast of Antarctica near South America

Ans: the ROSS ice shelf

B) The channel dividing Madagascar from the African coast

Ans: the MOZAMBIQUE channel

C) The strait dividing Iceland from Greenland

Ans: the DENMARK strait

20. (30) Name the composer from his works, 30-20-10.

30 points: the operas Ariadne at Naxos and Electra

20 points: the tone poems Don Juan and Don Quixote

10 points: the operas Salome and Der Rosenkavalier

Ans: Richard STRAUSS

21. (20) For ten points apiece, name the only two North American spiders whose bites can be fatally poisonous to humans. Hint: they are both somewhat colorful and antisocial.

Ans: BLACK WIDOW and BROWN RECLUSE

22. (20) For 10 points each, name the two co-winners of the 1978 who received the award for their discovery of the 3K microwave background radiation.

Ans: Arno A. PENZIAS and Robert Woodrow WILSON

[nb. Peter Kapitza won in the same year, but for different work]

23. (20) Surely you've all read "Gulliver's Travels," Jonathan Swift's scathing satire of European values. Given a brief clue, identify the land which the unfortunate Gulliver visited.

A) In this nation, he was cared for by the giant child Glumdalclitch, who carried him in a doll house.

Ans: BROBDINGNAG

B) This science-obsessed island floated miles above its conquered territories, and would discipline its subjects by lowering the island and squashing them.

Ans: LAPUTA

C) This island was occupied by the hideous humanoid Yahoos and the stately horses from which it draws its name.

Ans: HOUYHNHNM (WHEH-nim) Land

D) Its residents tied Gulliver down with tiny strings which to them seemed the strongest cables.

Ans: LILLIPUT

24. (25) For 25 points, who is the only person to have won two Nobel prizes in Physics?

Ans: John BARDEEN ['56, '72]

25. (30) Latin can come in handy for more than deciphering dinosaur names. For 10 points apiece, what do the following Medical/Pharmacological abbreviations stand for:

A) "coch.", from "cochleare"

Ans: a SPOONFUL

B) "p.c.", from "post cibum"

Ans: AFTER MEALS

C) "hor. decub.", from "hora decubitus"

Ans: AT BEDTIME