

JA2

PENN STATE TOSS-UPS

1 This enzyme's codiscovery by Temin and Baltimore shook the central dogma of molecular biology. It has revolutionized biotechnology. For ten points name this enzyme, found in HIV, which can make DNA from an RNA template?

Reverse Transcriptase

2 Everyone knows that Cecil Fielder was the last man to hit 50 homeruns, but for ten points who was the last man to eclipse the elusive 150 RBI's in a single season?

Tommy Davis

3 For 10 pts what is the current cabinet position of Robert Mossbacher?

Sec. of Commerce

4 According to Shakespeare, what three word phrase was Julius Caesar's last?

Then Die Caesar

5 What soft-spoken US leader once came up with the powerful quote, "You cannot strike against the public's safety."

Calvin Coolidge

6 This infectious agent is the cause of Burkitts Lymphoma, the most common form of cancer on the African Continent. Yet it is much more benign in America only causing the relatively minor disease mononucleosis. For ten points name this Herpes virus which may also be linked to Chronic Fatigue Syndrome.

Epstein-Barr Virus

7 A major car company has recently embarked on the courageous Saturn line of automobiles, yet conspicuously the parent company's name is left out of all advertising. For ten points, what is Saturn's parent company?

General Motors

8 For a quick ten points, in medicine, what is a Galenical?

a drug derived from a plant

9 Marie Curie, Linus Pauling and John Bardeen are in an elite class of individuals who have won two Nobel Prizes. For ten points who is the only remaining member of this group missing from this list? He was the Chemistry winner in 1958 & 1980.

Frederich Sanger

10 For ten points, what term am I defining: "in jet propulsion the ratio of velocity of a rocket or a jet to the velocity of sound in the media being considered?"

Mach

11 Douglas Wilder was the 1989 winner of the Spingarn medal, for ten points what organization annually awards the Spingarn Medal?

NAACP

12 For ten points, name for me the shock radio personality who was once fired from a station for creating a sketch called "beastiality dial-a-date", but now can be seen nationally on cable with features such as "the lesbian dating game?"

Howard Stern

13 This drug was developed as a surgical anesthetic in the 50's, but is ~~is~~ now illegal except for use as a veterinary anesthetic or tranquilizer. What is the common name of phenylcyclidine?

PCP or "angel dust"

14 Mathematics and engineering took a giant step forward in the 1800's when a French mathematician discovered that any periodic function could be ^{expressed} as an infinite sum of sinusoids. Who was this Frenchman?

Fourier

15 Wall Street is used to ups and downs , but one downturn shocked the world on Oct. 19, 1987. How many points, within 25, did the Dow fall on "Black Monday?"

508

16 A new term has arisen in the world of high finance. What word, in takeover jargon, refers to the buying back of one's own stock at a price higher than market value in order to block a hostile takeover?

Greenmail

17 To date, Penthouse magazine's most famous expose revolves around the dethroning of a woman with the "Right Stuff". Tell me the 1984 Miss America winner Penthouse uncovered?

Vanessa Williams

18 Famous for his Atlanta Expo speech on the state of the "racial question" of the South, this African-American also founded the Tuskegee Institute. Name him.

Booker T Washington

19 Harold Abrams story as the first Englishman to win the Olympic Gold Medal in the 100 meters was made into what Oscar-winning movie?

"Chariots of Fire"

20 For a quick ten points who was the first Republican president?

Abe Lincoln

21 The Illiad points out that he was Achilles' best pal. Who was this Greek whose death caused Achilles to enter the Trojan War?

Patroclus

22 Everyone knows that pi rounded to the hundreths is 3.14, what however is "e" rounded to the hundredths?

2.72

23 Many consider this man to be one of the greatest football coaches that ever lived, but he never won a major championship. For 10 pts name the coach of the "over the hill gang" and most recently before, his sudden death, Took over the program at Long Beach State.

George Allen

24 The campus of this university is unglamorously called "the farm", because that is where the founder liked to keep his horses when he lived in San Francisco. Name this "Harvard of the West."

Stanford

25 At 23 yrs of age this wunderkind is finally number one. He needed to beat Lendl at the Austalian Open last week to do so, for an easy ten pts name this hard-serving German.

Boris Becker

26 For a quick ten points, who killed Ernest Hemingway?

Ernest Hemingway

27 Dick Cheney is now Sec'y of Defense so few people remember who Bush's first selection was. Let's see if you are one of the few, for 10 pts tell me the diminutive, womanizing alcoholic that Bush wanted to entrust the safety of our nation to.

John Tower

28 This author's pride got him into deep trouble, while attempting to sue a man for libel, the tides were turned against him and he was eventually jailed for homosexual indecencies. For 10 pts name the author of "The Importance of Being Earnest."

Oscar Wilde

29 This vocalist, famed for his screams, belted out hits with the groups "Free" and "The Firm" but is most famous for being the lead man of "Bad Company". For ten pts name him.

Paul Rodgers

30 If you want to be an actress it helps to be Francis Ford Copolla's daughter. In "Godfather Part III", Copolla allowed his younger daughter to nearly ruin the film. He was luckier last time when his sister made her debut in the first "Godfather", who is this sister, now perhaps better known as Adrienne Balboa?

Talia Shire

PENN STATE- BONUSES

1 Many composers don't write their own lyrics. Who is the lyricist for Grammy-winning Elton John? (25 pts)

Bernie Taupin

2 Never has TV been so real as during the UN coalitions bombing of Baghdad as reported live on CNN. For ten points apiece, name the 3 CNN journalists who reported the whole event live from their hotel in the center of Baghdad.

Bernard Shaw, John Holliman, and Peter Arnette

3 July 29, 1990 marked history in baseball. On that day, two no-hitters were hurled. For five points each name the two pitchers, and for an additional ten points each name the teams who were no-hit.

Fernando Valenzuela/ St. Louis
Dave Stewart/ Toronto

4 Gangsters have provided Hollywood with great scripts. Two best-selling novels have provided the basis for the most successful of the gangster chronicles. For ten points who is the author of The Godfather, sprouting its trilogy; and for an additional twenty who is the author of the novel Wiseguy, the basis for the movie Goodfellas?

Mario Puzo and Nicholas Pileggi

5 All or nothing, ²⁰ put these annexations or invasions by Hitler's Germany in chronological order: Poland, the Rhineland, Austria, the Sudetenland and Czechoslovakia.

Rhineland(1936), Austria(1938), Sudeten(1938), Czech(1939), Poland(1939)

6 Let's play, name the actor from his famous role. 5 pts each.

A. Popeye Doyle	Gene Hackman
B. George Bailey	Jimmy Stewart
C. Salieri	F. Murray Abraham
D. Fast Eddie Felson	Paul Newman
E. Rooster Cogburn	John Wayne

7 Name the Year. 30-20-10.

30. Jack London published Call of the Wild
20. The film Great Train Robbery was produced
10. Orville and Wilbur took off from Kitty Hawk
1903

8 Sam Rayburn was Speaker of the House for 17 years. His term however was interrupted twice by a Republican from Mass. For 25 pts, name this congressman.

Joseph W. Martin Jr

9 I will give you the origin of a US State's name and for 10 pts each, tell me the state.

- | | |
|---------------------------------|-----------------------|
| A. Sioux Indian for friend | North or South Dakota |
| B. Creek Indian for tribal town | Alabama |
| C. French perversion of the | |
| Algonquin Indian for warrior | Illinois |

10 A new cabinet post was created on March 5, 1989. For 15 pts name it and for another 15 name its Sec'y.

Dept. of Veterans' Affairs Ed Derwinski

11 Name the year. 30-20-10.

30. Frances Perkins is appointed Sec'y of Labor

20. Gold standard was dropped by the US

10. Prohibition ended

(1933)

12 When the Articles of Confederation were the law of the land, the city where they were ratified was the unofficial capital and the president of the conference was the unofficial leader of the nation. For 10 pts name the city, and for 20 pts name the man.

York, PA

John Hansen (from Maryland)

13 All life on Earth is an organism working to preserve its planetary habitat. That is the summary of what theory by biologist James Lovelock that he named after the Greek deity representing Mother Earth? (20 pts)

Gaia

14 The Magnus effect describes the lift developed when a rotating object moves through the air. It explains why some meteors have curved tails and also explains what specialty of Gregg Olson?

the curveball (25 pts)

15 The remains of a burial accompanied by the placing of flowers with the entombed body, have been interrupted to mean that this ancient group practiced religion and believed in an afterlife.

For twenty points name this human group.

Neanderthals

16 Greenland is the largest island in the world. For 5 pts apiece name the next 6 largest.

New Guinea, Borneo, Madagascar, Baffin, Sumatra, Honshu

17 Particle physicists tell us that the world is made of two types of particles, depending on their spin. Name these particles for 15 pts each, both named after pioneer physicists.

fermions and bosons

18 The ongoing Palestinian rebellion in occupied territory is known by what arabic word meaning "uprising?" (20 pts)

intifadeh

19 Yugoslavia was formed after WWI as a confederation of three distinct nationalities; now it is divided into six republics. Name the republics for five points apiece.

Serbia, Slovenia, Croatia, Macedonia, Montenegro and Bosnia-Herzegovina

20 Since 1970, five movies with one-word titles have won the Best Picture Oscar. Name them for 5 pts apiece.

Rocky, Amadeus, Patton, Platoon, Gandhi

21 It may not be on par with the works of Homer or Virgil, but this 11th century poem is considered the French national epic. For 20 pts tell me the name of this masterpiece which tells of a clash between Muslims and Christians.

The Song of Roland

22 This family of Italian origin established not a political dynasty but a scientific one, controlling the Observatoire de Paris for several generations. Identify this family of astronomers, whose patriarch discovered the major gap in Saturn's rings.

Cassini

23 Typically this philosopher garnered little fame in his own day but his concepts took hold in the 20th century. He stated that there were no reliable guidelines for human action and that one could only hope for enlightenment from God. For 30 pts name this man acknowledged as the founder of existentialism.

Soren Kierkegaard

24 For 10 pts apiece, name the baseball great who wore the retired number 4 for the following teams:

Dodgers	Duke Snider
Yankees	Lou Gehrig
Orioles	Earl Weaver

25 (30-20-10) Name this American expatriate.

30. She wrote Three Lives and the Autobiography of Alice B. Toklas

20. She wanted to create the literary equivalent of cubism and earned the nickname "Mama of Dada"

10. She coined the term "Lost Generation"

Gertrude Stein

26 For five points each, name these figures or objects from mythology.

a. Greek youth loved by Aphrodite	ADONIS
b. the Rainbow Bridge that connects Midgard and Asgard	BIFROST
c. the creator of the Norse world	ODIN
d. the sister and wife of Osiris	ISIS

27 For 25 pts give me the three roots to this complex equation:

$$x^3 + 3x^2 + x = -3$$

+i, -i, -3

28 (30-20-10) Name this playwright from his works.

30. Mrs. Warren's Profession

20. Major Barbara

10. Pygmalion

George Bernard Shaw

29 This virtuoso has overcome incredible obstacles to attain his stature. He contracted polio at age 4, yet bounced back to give recitals at age ten and attend Juilliard. For 20 pts name this famous violinist.

Itzhak Perlman

30 (30-20-10) Name this ancient civilization.

30. They may have rounded the Cape of Good Hope , many centuries before de Gama

20. They organized into city states with their main frontier outposts at Utica and Carthage

10. They created an alphabet, later adopted by the Greeks.
the Phoenicians