

1993 Stanford Individual Tournament  
Periwinkle Packet

by David Dixon (5/93)

TOSSUPS

1. In Roman mythology, it's the god of vengeance; in popular music, it's a song by Shriekback; and in astrophysics, it's the name of a hypothetical star that may account for the apparent cycle of mass extinctions on Earth, including the extinction of the dinosaurs. For ten points, name it.

ANSWER: Nemesis

2. An early advertisement for it read, "Wanted: Young, skinny, wiry fellows not over eighteen. Must be expert riders, willing to risk death daily. Orphans preferred." For ten points, name this delivery service which began in 1860 and lasted only eighteen months.

ANSWER: The Pony Express

3. The rock group Pearl Jam paid tribute to this man in May, 1993, by renaming themselves after him in an unadvertised concert in San Francisco. For ten points, name this doctor, slain by an anti-abortion activist earlier this year.

ANSWER: David J. Gunn

4. This book is divided into three main sections, each of which begins with the sentence, "What's it going to be then, eh?" Most of the rest of the novel is written in Nadsat, a hybrid of English, Russian, and gypsy slang. For ten points, name this "horrorshow" work by Anthony Burgess.

ANSWER: A Clockwork Orange

5. Contrary to popular belief, his mistress did not run off with a mathematician; he just didn't consider mathematics to be a true science like physics, chemistry, or medicine, and thus not worthy of a special prize. For ten points, name the inventor and philanthropist whose prizes are awarded in Sweden and Norway each year.

ANSWER: Alfred Nobel

6. In 1973, four employees of a Swedish bank were taken hostage by a gunman. After several hours in captivity, it became clear that the hostages were more afraid of the police than of their captor. For ten points, name the as-yet-unexplained psychological phenomenon where hostages develop sympathy for their captors, named after the city in which this incident took place.

ANSWER: Stockholm Syndrome

7. You think your job is repetitious and obsessed with efficiency? Thank this husband and wife team, who made an extensive film study of motion in the workplace, then redesigned the motions to make them more efficient. They ran their household in much the same way, leading two of their children to write a book about their upbringing called *Cheaper By The Dozen*. For ten points, name this couple.

ANSWER: Frank and Lillian Gilbreth

8. Born in 1919, she worked as a civil engineer, attorney, and social worker, gradually devoting most of her time to militant atheism. Her 1963 suit against the city of Baltimore resulted in the US Supreme Court decision to outlaw Bible reading and prayer recitation in public schools. For ten points, name this founder of the American Atheist Center.

ANSWER: Madalyn Murray O'Hair

9. When she was 27, she began sending illustrated animal stories to a sick child she knew, and these letters about Tom Kitten, Miss Moppet, and the Flopsey Bunnies were so well-received, she began to publish them. For ten points, name this creator of Squirrel Nutkin and Peter Rabbit.

ANSWER: Beatrix Potter

10. One of the pioneers of minimalism, this New York composer has created works such as "Come Out," "Music for 18 Musicians," and "Drumming." He won a Grammy in 1987 for his fusion of a string quartet, train sounds, and spoken-word recordings of Holocaust survivors. For ten points, identify this composer of "Different Trains."

ANSWER: Steve Reich

11. On April 29th, 1993, in ninety degree heat, thirty-five thousand people marched in a funeral procession to honor and bury this man, a man the president of the California State Senate called "perhaps the greatest Californian of the 20th century." For ten points, name this man who chose to live penniless and without property, devoting everything he had to the United Farm Workers union he organized in the 60's.

ANSWER: Cesar Chavez

12. Meaning "The Lord of the World," this manifestation of the Hindu god Vishnu as Krishna had a shrine which was annually placed in a large cart and drawn by hand to a "summer house" about a mile away. Until British times, throwing oneself under the wheels of the heavy cart was an act of piety, believed to guarantee the reward of heaven. For ten points, name this entity, which in English has come to mean

"an unstoppable force?"

ANSWER: Juggernaut (or Jagannath)

13. His name is used to describe particles with half-integer spin, the statistics and energy of such particles, and many other physical concepts. A particle accelerator in Batavia, Illinois, is also named for him. For ten points, name this scientist who performed the first controlled self-sustaining nuclear reaction at the University of Chicago in 1942.

ANSWER: Enrico Fermi

14. For a quick ten points, name the Cleveland Indians slugger who in 1993 became the first batter to hit two home runs in the same inning from opposite sides of the plate.

ANSWER: Carlos Baerga

15. A Communist, he served in the Chilean Senate for four years, and one of his most important works, *Canto general*, is a Marxist epic of his homeland. Some of his other works include *Residencia en la tierra* and the autobiographical *Memorial de Isla Negra*. For ten points, name this Chilean Poet and Nobel Prize Winner, born Neftali Ricardo Reyes Basualto in 1904.

ANSWER: Pablo Neruda

16. Take two regular decks of cards, remove all the twos through eights, and shuffle the rest together. You now have a deck suitable for, for ten points, what card game?

ANSWER: pinochle

17. The song, "End of the Road," by Boyz II Men broke the long-standing record of most consecutive weeks at number one on the Billboard Music Chart in 1992. The record was broken again in 1993. For ten points, name the song which broke Boyz II Men's record.

ANSWER: "I Will Always Love You" by Whitney Houston

18. Mathematics often uses symbols to represent variables or concepts. The Latin and Greek alphabets do fine most of the time, but the mathematician Georg (GAY-yorg) Cantor decided to use a Hebrew letter to classify transfinite sets of numbers. For ten points, identify this letter, the first in the Hebrew alphabet.

ANSWER: aleph

19. Although his regime collapsed within a week, this Norwegian continued to serve in the occupation government, attempting to convert the church, schools and youth to National Socialism. For ten points, name this man, executed for treason in 1945, whose name is synonymous with "traitor."

ANSWER: Vidkun Quisling

20. Morris Brown, Spelman, Morehouse, Clark, Emory, and Georgia Tech are just a few universities and colleges in, for ten points, what city?

ANSWER: Atlanta, Georgia

21. Samuel Beckett insisted that all the principal characters wear one in his play, "Waiting For Godot." Sabina, in Milan Kundera's *The Unbearable Lightness of Being*, appears at one point wearing one and almost nothing else. It shows up constantly in the paintings of Rene Magritte. It's even inspired a recent book by Fred Mills Robinson. For ten points, what is this type of headgear?

ANSWER: bowler hat (prompt if "hat" is given)

22. Well, she sneaks around the world, from Pierre to Carolina. She's a sticky-fingered filcher from Berlin down to Belize. Tell me, for ten points, the name of this cosmopolitan con-artist featured in a Broderbund Software game and a PBS geography game show for kids.

ANSWER: Carmen Sandiego (accept "Where in the world is Carmen Sandiego?")

23. If you felt a little deja vu at 1993's Oscar broadcast during the presentation for Best Feature-Length Documentary, you weren't alone; the winning film and the previous year's winning film had similar titles. For ten points, what three-syllable word was common to both films?

deception ("The Panama Deception" in 1993, "Deadly Deception" in 1992)

24. This man, born in 1644 to an Admiral in the Royal Navy, became a Quaker when he was 21. After being imprisoned for his religious zeal four times, he eventually mellowed and began to preach religious tolerance and Whig party policy. Frustrated in England by a Tory resurgence, he applied for a grant of land in America. For ten points, name this founder of an American colony noted for its tolerance and independence.

ANSWER: William Penn

25. This early 19th-century French painter became noted for his portraits of unusual subjects, including decapitated heads and the criminally insane. His best-known painting, "The Raft of the Medusa," caused a major stir in France in 1819 due to its political implications. For ten points, name him.

ANSWER: Theodore Gericault (ZHARE-ee-cole)

26. [NOTE: Audibly stress the capitalized words in this clue]  
IF you want TEN points you WILL need to TELL me the NAME of the

MEter you HEAR in this CLUE.

ANSWER: dactylic (do not accept anapest, which is "da da DUM")

27. You've got two mastoid ones in your skull and a xyphoid (ZYE-foid) one at the end of your sternum. For ten points, what's the anatomical name for these and other appendages to bones or organs?

ANSWER: processes

28. For a quick ten points, name the bay which borders France and Spain.

ANSWER: Bay of Biscay

29. The University of California at Berkeley celebrates its quasiquicentennial (KWAHS-kwih-sen-TEN-nee-all) in 1994. Knowing this, for ten points, in what year was the school founded?

ANSWER: 1869

30. Normally, if you were to throw stones at a house, you could be arrested for vandalism. For ten points, in what sport is throwing "stones" at a "house" the object of the game?

ANSWER: curling

31. Beethoven composed some of his best work, such as his Ninth Symphony, after he had gone completely deaf. Another composer, born three years before Beethoven died, also managed to write great music despite deafness, including My Country and From My Life. For ten points, name this Czech composer of The Bartered Bride.

ANSWER: Bedrich Smetana

1993 Stanford Individual Tournament  
Periwinkle Packet

by David Dixon (5/93)

BONUSES

1. 30 points

Identify the authors of these recent bestsellers for ten points each:

The Bridges of Madison County      A: Robert James Waller

Genius: The Life and Science  
of Richard Feynman      A: James Gleick

2.    20 points

Milli, micro, nano, pico, femto, atto. Until recently, the list stopped here, but now there are two additional prefixes, representing ten to the minus twenty-one and ten to the minus twenty-four, respectively. For ten points each, name these two new prefixes, which were derived from the Latin for "seven" and "eight."

ANSWER: zepto and yocto

3.    25 points

The U.S. Interstate system is extensive and far-reaching, but it doesn't go everywhere. There are four state capitals in the contiguous 48 states which cannot be entered via an interstate. For five points each, and an additional five points for getting all four, name 'em.

ANSWER:    Carson City, NV; Jefferson City, MO; Pierre, SD;  
                  Dover, DE.

4.    25 points

The 1880 census was a long, tiresome affair, because it was done completely by hand. The 1890 census went much faster because of an electric tabulating machine invented by this man. Based on the Jacquard loom, the machine used punchcards to store information. For 25 points, name this inventor, whose Tabulating Machine Company eventually grew into the modern-day IBM Corporation.

ANSWER: Herman Hollerith

5.    30 points

Some writers, such as David Mamet, and actors, such as Clint Eastwood, have successfully made the transition to directing motion pictures. Others have not been so lucky. For ten points each, given the actor or writer, tell me the only movie he directed:

Stephen King	A: Maximum Overdrive
Charles Laughton	A: Night of the Hunter
Sylvester Stallone	A: Staying Alive

6.    25 points

The Islamic code of laws, also known as Sharla, is the law of the

land in four countries, thus classifying them as Muslim theocracies. For five points each, and a bonus of five if you get them all, name these four countries.

ANSWER: Saudi Arabia, Iran, Afghanistan, Sudan

7. 30 points

30-20-10, name the French author from her works:

- 30. The Sea Wall, The English Lover
- 20. The Ravishing of Lol V. Stein
- 10. Hiroshima Mon Amour

ANSWER: Marguerite Duras (doo-RAHSS, also accept doo-RAH)

8. 25 points

Pencil and paper ready for a chemistry question? I'll give you a chemical equation, you balance it for 25 points. For each chemical formula you need, you'll get five fewer points. Here it is:

[NOTE: read slowly]

Phosphoric acid plus sodium sulfide yields hydrogen sulfide plus sodium phosphate.

[Formulas if they need them:

Phosphoric acid =  $\text{H}_3\text{PO}_4$

Sodium sulfide =  $\text{Na}_2\text{S}$

Hydrogen sulfide =  $\text{H}_2\text{S}$

Sodium phosphate =  $\text{Na}_3\text{PO}_4$ ]

ANSWER:  $2 \text{H}_3\text{PO}_4 + 3 \text{Na}_2\text{S} \rightarrow 3 \text{H}_2\text{S} + 2 \text{Na}_3\text{PO}_4$

9. 20 points

For ten points each, answer the following about the independence of India:

In what year did it become independent?

ANSWER: 1947

Which state was not integrated into either India or Pakistan?

ANSWER: Kashmir

10. 30 points

For 30 points, complete the following stanza. If you need the

name of the poem, you'll only get 20 points.

"It matters not how strait the gate,  
How charged with punishments the scroll..."

(20 point hint) The poem is "Invictus" by W. H. Henley.

ANSWER: "I am the master of my fate,  
I am the captain of my soul."

11. 30 points

Time for the inevitable question about President Clinton's Cabinet. Given a former occupation, tell me the name of the Cabinet member for ten points. If you require the Cabinet position currently held, you'll only get five points.

- a. 10. Mayor of San Antonio  
5. Secretary of Housing and Urban Development

ANSWER: Henry Cisneros

- b. 10. President of the University of Wisconsin  
5. Secretary of Health and Human Services

ANSWER: Donna Shalala

- c. 10. Harvard Professor of Economics  
5. Secretary of Labor

ANSWER: Robert Reich

12. 20 points

For 5 points each, name the sport or game given some of the slang used in it:

- a. L.B.W., silly mid-on, bails, innings      A: cricket
- b. ace, volley, fault, deuce      A: tennis
- c. muggins, skunk, nobs, go      A: cribbage
- d. without beta, crater, take a winger      A: rock climbing

13. 30 points

For 10 points each, name these museums, galleries, or other artistic centers given a brief description:

- a. Formerly a Muslim stronghold, M. C. Escher was inspired to experiment with tessellations after viewing the intricate mosaics here.

The Alhambra

- b. This Florence museum was damaged by a bomb blast in May, 1993.

Uffizi Gallery

- c. Located in Turkey, this cathedral was once the central building of the Eastern Orthodox Church. Its name means, "Holy Wisdom."

Cathedral of Hagia Sophia

17. 30 points

Latin phrases figure prominently in English writing, if only by their abbreviations. For ten points each, tell me the full Latin phrase given its abbreviation:

ibid	A: ibidem
cf.	A: confer
e.g.	A: exempli gratis

18. 25 points

25-10, name the American political figure.

25. He was defeated by Adlai Stevenson on the third ballot in 1952 as a candidate for the Democratic presidential nomination. He beat John F. Kennedy to win the vice-presidential nomination in 1956.
10. He rose to national prominence in the early 1950's as chairman of the Senate Crime Investigation Committee, which held widely-viewed televised hearings on organized crime and its political ties.

ANSWER: Estes Kefauver

19. 30 points

Given their real names, identify the better-known stage names of these contemporary entertainers for ten points each:

Laurence Tero	ANSWER: Mr. T
Caryn Johnson	ANSWER: Whoopi Goldberg
Stanley Burrell	ANSWER: M. C. Hammer

20. 25 points

For five points apiece, what's the most populous city in:

Pakistan	ANSWER: Karachi
New Zealand	ANSWER: Auckland
Canada	ANSWER: Toronto
Nigeria	ANSWER: Lagos
Brazil	ANSWER: Sao Paulo

21. 20 points

We all know that the infinite sum, one plus one-half plus one-fourth plus one-eighth, etc. equals two. For twenty points, what is the sum, one plus one-third plus one-ninth plus one-twenty-seventh, etc.?

ANSWER:  $3/2$  or  $1 \frac{1}{2}$

22. 20 points

Time to test your knowledge of systems of units. I'll give you a basic unit from the M.K.S. system and you must, for five points each, give me the C.G.S. unit for the same physical property.

newton	ANSWER: dyne
tesla	ANSWER: gauss
joule	ANSWER: erg
second	ANSWER: second

23. 30 points

30-20-10, name the musician.

30. He helped to develop a deck of cards called "Oblique Strategies," which can be used to circumvent creative blocks.

20. Some of his albums include Nerve Net, Here Come The Warm Jets and Before and After Science.

10. He is best known for his series of "ambient" albums and for his collaborations with Robert Fripp, U2, and Talking Heads.

ANSWER: Brian Eno

24. 20 points

The outcome of a game of Scrabble can often hinge on knowing obscure three-letter words. But what do these words mean? Given a definition, tell me the three-letter word defined for five points each:

- a. a basic unit of conductance, a reciprocal ohm

ANSWER: mho

- b. a scrap, especially of food

ANSWER: ort

- c. a narcotic shrub grown in parts of Africa and the Middle East

ANSWER: qat (KAT)

- d. full of the sense of approaching death; also means "enchanted"

ANSWER: fey

25. 25 points

Arrange these paintings chronologically for five points each: Nude Descending a Staircase by Duchamp, Nighthawks by Hopper, Olympia by Manet, The Vampire by Munch, and One by Pollock.

ANSWER: Olympia, Vampire, Nude, Nighthawks, One

26. 30 points

As we should all know by now, Albert Einstein won his 1921 Nobel Prize in Physics for explaining the photoelectric effect. For ten points each, tell me what these people won the Nobel Prize in Physics for:

- a. Charles Townes

ANSWER: co-invention of the laser (and maser)

- b. Donald Glaeser

ANSWER: invention of the bubble chamber

- c. William Roentgen

ANSWER: discovery of x-rays

27. 20 points

For ten points each, given the ingredients, tell me the final product:

a. butter, egg yolk, lemon juice

hollandaise sauce

b. butter, flour, chicken stock, milk, parmesan cheese

mornay sauce