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## TOSS-UPS

T1. Instead of eight vertices and six squares for faces. it has sixteen vertices and eight cubes for faces. For 10 points, what is this topological four-dimensional object?

ANSWER: a hypercube, or tesseract (accept either)
T/2. The old man had a pale blue eye like a vulture. He had to be killed. But the obsessed narrator and murderer hears a pounding that grows louder and louder until he screams his confession to make it stop. For 10 points, what is this 1843 tale by Edgar Allan Poe? ANSWER: "The Tell-Tale Heart"

P3. On December 16, 1944, as the armies of Patton, Bradley, and Montgomery were poised to assault the Rhine River, Adolf Hitler sent 500,000 troops through a weakly defended gap in the Ardennes region of Belgium and Luxembourg. For 10 points, what was this "last gasp" battle of World War II called?

ANSWER: the Battle of the Bulge
T4. "War is stupid/ And people are stupid/ And love means nothing/ In some strange quarters." For 10 points, who recorded "War Song," with this refrain?

ANSWER: Culture Club
T5. Marmagao, India's second largest city, is located in this union territory, annexed by India in 1961 after 451 years of Portuguese rule. For 10 points, what territory is it?

ANSWER: Goa, Daman, and Diu
T6. A hybrid of the clarinet and oboe, it comes in eight varieties, including the B-flat soprano, the E-flat alto, the B-flat tenor, and the B-flat baritone. For 10 points, what musical instrument is it?

ANSWER: the saxophone
T7. It was a reproduction of a painting by Jamie Wyeth showing the North Portico of the White House in a snowy dawn. One hundred and twenty-five thousand of them were mailed the first week in December, 1984. For 10 points, what was it?

ANSWER: the 1984 White House Christmas card
T8. They met on Sunday, wed on Monday, parted at dawn on Tuesday, and died on Thursday night -- all in the same week. For 10 points, name this tragic Shakespearean couple.

## ANSWER: Romeo and Juliet

\$9. Robert of Clermont is considered the founder of this royal family which ruled in Parma and the Two Sicilies, France from the 16 th to the 19th centuries, and Spain from the 18 th to the $20 t h$ centuries. For 10 points, what family is it? ANSWER: the Bourbons

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T10. Its chemical formula is $\mathrm{CO}\left(\mathrm{NH}_{2}\right)_{2}$. It's synthesized from ammonia and carbon dioxide, and used in fertilizers. For 10 points, name this component of mammalian urine. ANSWER: urea

T11. Duke University refused Nixon's library. For 10 points, what university, after first resisting the idea, has agreed to house Ronald Reagan's presidential papers? ANSWER: Stanford University
T12. He was one of the writers of the movie The Cotton Club and has just published The Sicilian, a sequel to his most famous novel, The Godfather. For 10 points, name this writer.

ANSWER: Mario Puzo
TH3. John Wycliffe in the 14 th century... Miles Coverdale, Martin Luther, and William Tyndale in the 16 th century... James Moffatt and Ronald Knox in the 20 th century... For 10 points, what work did these men all translate?

ANSWER: the Bible
T14. Grant Wood's American Gothic may be the most familiar American painting. Just how familiar? For 10 points, what is the farmer holding in his right hand?

ANSWER: a pitchfork
T15. According to the 22 nd amendment to the U.S. Constitution, the president is limited to two terms. For 10 points, what is the maximum number of years the vice-president can serve?

ANSWER: No limit is placed on the vice-president
T16. For 10 points, what 18 th and 19 th century philosopher developed the ideas of Absolute Idealism and the dialectic?

ANSWER: G.W.F. Hegel
P17. Although their boundaries aren't entirely clear, they cover about a sixth of Great Britain, and include the Spey Valley, the Great Glen which runs from Inverness south to Fort William, and the northern districts of Sutherland and Caithness. For 10 points, what is this scenic region of Scotland?

ANSWER: the Highlands
TH8. "Ante Bellum" refers to the period before the Civil War. For 10 points, what event is referred to by the adjective "antediluvian"? ANSWER: Noah's Flood

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T19. The formula reads $\boldsymbol{\Delta} S=\boldsymbol{\Delta} Q / T$ [read: Delta $S$ equals Delta $Q$ divided by $T$, where the change in heat transfer, $\boldsymbol{\Delta} Q$, divided by the absolute temperature at which the process takes place, is the measure of the inevitable increased disorder that occurs whenever heat and work interact. For 10 points, what concept does this formula express?

ANSWER: entropy
T20. Its inventor actually christened it the North River Steamboat. It got its more familiar name when it had to be re-registered following reconstruction. For 10 points, by what name do we commonly call Robert Fulton's steamboat?

ANSWER: the Clermont
T21. 'Uni-' is a prefix meaning 'one'; 'Bi-' is a prefix meaning 'two.' For 10 points, what prefix means 'one and a half'? ANSWER: sesqui-

T22. They're a group of islands that make up all of the West Indies except Bahama, including Cuba, Puerto Rico, and Jamiaca. FTP, what are these Greater and Lesser islands collectively called?

ANSWER: the Antilles

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## BONUSES

Bl. BONUS: 30 POINTS
We tend to think of priests as men in black dresses who look like Guido Sarducci. For 10 points each, identify these other sorts of priests:

1. In India, what caste has an almost complete monopoly of priestly functions?

ANSWER: the Brahmins
2. What was the name of the priestly class of ancient Zoroastrianism?

ANSWER: the Magi
3. Who was the third son of Jacob who was the ancestor of the priest of ancient Egypt?

ANSWER: Levi (the priests were the Levites)

B2. BONUS: 30 POINTS
For 10 points each, name the three rivers that form part of the border between the United States and Canada.

ANSWER: the St. Lawrence River
the Niagra River
the St. John's River

B3. BONUS: 30 POINTS
For 5 points each, which network currently features these women newscasters:

1. Connie Chung
2. Mary Alice Williams
3. Lesley Stah1
4. Charlayne Hunter-Gault
5. Kathleen Sullivan
6. Jane Pauley

ANSWER: NBC .
ANSWER: CNN
ANSWER: $\overline{C B S}$
ANSWER: $\overline{\text { PBS }}$
ANSWER: $\overline{\mathrm{ABC}}$.
ANSWER: $\overline{\text { NBC }}$

B4. BONUS: 30 POINTS
Birth control has been a boon -- and a life-threatening danger -- for millions of women.

1. In the early 1970's it was discovered that daughters of women who had been given DES had an alarming incidence of vaginal cancer. For 15 points, what do the initials DES stand for?

ANSWER: Diethylstilbestrol
2. In the early 1980 's, after being sued by thousands of women, the A.R. Robins company finally admitted that this intra-uterine device was so dangerous they offered to pay for its removal. For 15 points, what name did the Robins company give it?

ANSWER: the Dalkon Shield

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B5. BONUS: 20 POINTS
Four pairs of U.S. presidents have shared the same last name: Adams, Harrison, Johnson, and Roosevelt. For 20 points, all or nothing, arrange these pairs of presidents in order from the pair that served the shortest total time in office to the pair that served the longest. ANSWER: Harrison ( 4 years, 1 month) Adams (8 years) Johnson (9 years, 1 month) y Rooseve1t (20 years, 1 month)

B6. BONUS: 25 POINTS
For 5 points each, identify the author of:

1. The Fixer
2. The Chosen
3. The Centaur
4. The Moviegoer
5. The Reivers

ANSWER: Bernard Malamud
ANSWER: Chaim Potok
ANSWER: John Updike $\lambda$
ANSWER: Walker Percy
ANSWER: William Faulkner

B7. BONUS: 25 POINTS
In December, 1984 USA TODAY (that model of in-depth research) conducted a poll of college students to discover the nine TV shows they watched most frequently. For 5 points each, name any five of them.

ANSWER: (in order): Late Night With David Letterman

- Dynasty
- Dallas

Cheers
Hill Street Blues

- All My Children

General Hospita1 Monday Night Football Leave It To Beaver

B8. BONUS: 20 BONUS
Gustav Holst wrote the orchestral suite 'The Planets,' and gave each of the planets a description that he tried to express musically. 'The Winged Messenger' is, of course, Mercury. For 5 points each, which of the planetary gods and goddesses did Holst describe as:

1. "The Bringer of Peace"
2. "The Bringer of Jollity"
3. "The Bringer of Old Age"
4. "The Magician"

ANSWER: Venus
ANSWER: Jupiter 4
ANSWER: Saturn X
ANSWER: Uranus

B9. BONUS: 25 POINTS
It is an international chain of ninety-one hospitals that grossed $\$ 2.6$ billion last year with profits of $\$ 200$ million. It has its headquarters at the Louisville Hospital where William Schroeder received the second artificial heart transplant. It has offered funds for one hundred such transplants. For 25 points, name this medical corporation.

ANSWER: Humana Corporation

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B10. BONUS: 30-20-10
Identify this country after one clue for 30 points, after two clues for 20 points, and after three clues for 10 points. You may answer after each clue.

1. It is the only country in the world whose National Orchestra is larger than its armed forces.
2. It's about three-quarters of a square mile in area (and getting bigger), with a population of less than 30,000 .
3. It is bordered by France on the north, east, and west.

ANSWER: Monaco
HOST'S NOTE: Monaco is currently reclaiming land from the sea, and increasing its area.

B11. BONUS: 20 POINTS
Villains had more fun than heroes in 1984 movies. For 5 points each, identify these 1984 villains:

1. This member of Kiss turned robots into nasties in Runaway. ANSWER: Gene Simmons
2. She was a fortune-teller with diabolical aspirations in

Supergirl.
ANSWER: Faye Dunaway
3. He was Shaddam IV's nephew in David Lynch's Dune.
~ANSWER: Sting (accept also: Gordon Sumner)
4. He played the mad Italian scientist Dr. Emilio Lizardo in The Adventures of Buckaroo Banzai.

ANSWER: John Lithgow
B12. BONUS: 20 POINTS
The "knee bone" is the patella; the "shin bone" is the tibia. For 5 points each, give the proper name for:

1. the collarbone
2. the breastbone
3. the ankle bone
4. the funny bone

ANSWER: clavicle
ANSWER: sternum
ANSWER: the talus,
(or: astragalus)
$\chi$ ANSWER: the ulnar nerve
(accept: it's not a bone, or: it's a nerve; do not accept: "humerus")

B13. BONUS: 25 POINTS
The Council of Ministers is the executive branch of the Soviet government. The Soviet Premier is the president of the Council of Ministers. Since the 1917 Revolution there have been seven. Premiers of the Soviet Union. Lenin and Stalin were the first two. For 5 points each, name the other five.

ANSWER: Georgi Malenkov (1953-1955)
Nikita Khrushchev (1958-1964)
Nikolai Tikhonov (1980- )

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B14. BONUS: 35 POINTS
There are seven fairies listed by name in the cast of characters of Shakespeare's A Midsummer Night's Dream. For 5 points each, name them.

$$
\begin{array}{cl}
\text { ANSWER: } & \frac{\text { Oberon }}{\text { Puck }}(\text { accept } \\
\begin{array}{ll}
\text { Moth } & \text { Titania } \\
\text { Cobweb } & \text { Mustardin Goodfellow }) \\
\text { Cobed } \\
\text { Peasblossom }
\end{array}
\end{array}
$$

B15. BONUS: 20 POINTS
For 10 points each, identify these kinds of life insurance:

1. the policyholder buys protection for the length of the contract, from one to twenty years or more

ANSWER: term life insurance
2. constant premiums allow the insured person to accumulate cash value

ANSWER: whole, straight, or ordinary life insurance

B16. BONUS: 20 POINTS
For 5 points each, with what season of the year is each of these signs of the zodiac associated:

1. Cancer
2. Capricorn
3. Aries
4. Libra

ANSWER: summer
ANSWER: winter
ANSWER: $\overline{\text { spring }}$
ANSWER: autumn

B17. BONUS: 30-20-10
Identify the year after one clue for 30 points, after two clues for 20 points, and after three clues for 10 points. You may answer after each clue.

1. The British parliament passes the Second Reform Bill; Karl Marx publishes the first volume of Das Kapital
2. In Japan the last Tokugawa shogun abdicates; the Austro-Hungarian dual monarchy is established
3. Emperor Maximillian is executed in Mexico; the Dominion of Canada is established; the United States purchases Alaska ANSWER: 1867

B18. In the United States there are only two spiders whose bites are poisonous to man. For 10 points, name one of them; for 25 points name them both.

ANSWER: black widow and brown recluse

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B19. BONUS: 25 POINTS
Scientific abbreviations can be as easy as A,B,C. For 5 points each:

1. Give two meanings of the scientific abbreviation 'A':

ANSWER: acceleration, acre, ampere, ammeter, angle, are, area, alto-, angstrom, mass number, blood type
2. Now, two meanings of the scientific abbreviation 'B': ANSWER: barn, bacillus, baryon number, Baume, borof, blood type
3. Ditto for ' C ':

ANSWER: candle, capacitance, capacity, carbon, Celsius, Centigrade, cent- or centi-, constant, the speed of light, coulomb, charge conjugation
4. Now, two for 'D':

ANSWER: deci-, deuterium, dextro-, diopter, day, distance
5. Finally, 'E':


NOTE: alto- $=10^{-18} ;$ barn $=10^{-24} \mathrm{~cm}^{2}$

B20. BONUS: 25 POINTS
Despite the bloody conflict between the Indian government and the Sikh religion, the President of India is a Sikh. For 25 points, name him.

ANSWER: Zail Singh
(Both first and last names needed; all Sikhs have the last name 'Singh')

