

TOSS-UP QUESTIONS

1. For several years in the 1920's and 1930's, there were weekly Thursday night meetings of scientist, philosophers, and mathematicians at a ~~German~~ European University. At the meetings the relationships between the theories of science and objective reality were debated, resulting in the pronouncement of the verification principle. For ten points, name this association of eminent whose studies laid the foundations of logical postivism.

Answer: VIENNA CIRCLE

2. Born in Russia and a psychoanalyst by trade, this man became the bane of the scientific community in 1950 with the publication of his work "Worlds in Collision." In it, he writes that many phenomena described in the Bible can be explained by his theory that Venus originated as a comet. For ten points, name this infamous person.

Answer: Immanuel VELIKOVSKY

3. Semeru, Bandai-san, Raoul, and Manam are some which are found about the Pacific Ocean while Hekla, Faial, and Mount Pelee are found in the Atlantic. In the Americas, examples include Cotopaxi, Paricutin, Lasen Peak, and El Misit. For ten points, name this geographic feature often associated with Tambora, Krakatoa, Mount Fuji, and Mount St. Helens.

Answer: VOLCANO(ES)

4. Born in 1877, his real surname was Arango. He sided with Madero against the government of Porifirio Diaz. Though captured by Victoriano Huerta, he escaped and joined Venustiano Carranza in opposition to Huerta who had, by 1914, become president. But he and Carranza had a falling out and when the U.S. recognized Carranza's government he retaliated, causing the U.S. to send Pershing to capture him. For ten points, name this Mexican bandit.

Answer: Pancho VILLA

5. Involved in politics throughout most of his life, this man served as deputy defense secretary in the Kennedy and Johnson Administrations and was the chief U.S negotiator in the Pueblo incident. For ten points, name this Secretary of State under Carter who resigned in 1980 to protest the use of force to free U.S. hostages in Iran.

Answer: Cyrus VANCE

6. It was first performed in 1892 and is set in the Italian province of Calabria. The action of the plot consists of a play within a play in which Canio, an actor, is suddenly unable to bear the resemblance between the play he is involved in and the suspected relationship between Silvio and his wife Nedda. He makes the sub-play end by demanding to know the name of his wife's lover

and the ensuing action results in him committing a double-murder. For ten points, name this Leoncavallo opera.

Answer: I PAGLIACCI

7. Born in Ohio in 1866, this man practiced law in Chicago for 14 years until 1905. He was then appointed a district Judge in northern Illinois and presided over the trial of Standard Oil of Indiana in 1907. His fame, however, stems from events following the 1919 Black Sox scandal, when this judge was made Baseball's first commissioner. For ten points, name him.

Answer: Kenesaw Mountain LANDIS

8. This work details the more than 3 months of prison time served by the author and his friend during World War I. The two, never told of the crime of which they were accused, were interned in a detention camp because of letters the friend had written home, which French censors thought were critical of the war effort. For ten points name this work, which was not written entirely in lowercase letters, whose title refers to the cell in which the author, e.e. cummings, was kept.

Answer: THE ENORMOUS ROOM

9. Han Fastolfe, Yugo Amaryl, Bentley Bailey, Cleon II, Amadiro Kelden, and Giskard are all characters created by this writer in two of his most popular series. In these books we are also introduced to Hari Seldon, R. Daneel Olivaw, and Elijah Bailey. For ten points, name the creator of the Robot and Foundation novels.

Answer: Isaac ASIMOV

10. In 1967, researcher Jocelyn Bell discovered an anomaly in data collected by the radio telescope at Cambridge. She found that this phenomenon was periodic and made this information known to her advisor. This work led to the awarding of the 1976 Nobel Prize in Physics to Anthony Hewish and Martin Ryle, and also led to the discovery of a new type of star. For ten points, name this celestial object, formed when a star becomes a supernova.

Answer: PULSAR (also accept NEUTRON STAR)

11. In September 1792, a combined Austrian and Prussian force under the Duke of Brunswick marched into France to stop the 5 month old Revolution. French forces under Dumouriez halted their advance at this small northeastern French town and turned the ensuing retreat into a rout. For ten points, name this battle, the site of the famous cannonade.

Answer: VALMY

12. Born in 1914 in Iowa, he conducted high altitude research and experiments with V-2 rockets. Later he traveled extensively to do atmospheric research and went on to direct the basic design of the Explorer satellites as well as to develop a cosmic ray recording device. For ten points, name this man who discovered a series of radiation belts about earth.

Answer: James Alfred VAN ALLEN

11. 13. A Dutch painter, his output was small both because of his death at the age of 43 and because of his slow, painstaking style of painting. Born in 1632, he painted mostly women in tranquil scenes and was influenced heavily by the School of Utrecht. For ten points, name this painter whose utilization of varied tones of color to convey texture is seen in works such as *The Kitchenmaid*.

Answer: Jan VERMEER

12. 14. His first stories were published in science fiction magazines; many of his novels reflect this beginning. His view of modern life as overly technological and structured and not allowing enough exercise of choice is reflected in such works such as *"Galapagos"*. For ten points name this author of works such as *"Mother Night," "God Bless You, Mr. Rosewater," "Slapstick,"* and *"Cat's Cradle."*

Answer: Kurt VONNEGUT

13. 15. Educated in Belgium and France, this man worked as chair of surgery in Padua where he studied human anatomy. Dissatisfied with Galen and other physicians whose ideas were based solely on the dissection of animals, he decided that human structures could only be studied by dissection of humans. He published the work *On the Structure of the Human Body (De Fabrica)* which included detailed descriptions of the workings of human bones, muscles, the heart, and the brain. For ten points, name him.

Answer: Andreas VESALIUS

14. 16. This phrase comes from a medieval habit of punishing sellers for overcharging. For example, a bread maker would be dunked into a river if the quantity of bread he sold for a certain price did not weigh at least a certain specified weight. To avoid being dunked, bakers would often add an extra loaf to meet the weight standard. For ten points, name this phrase, derived from the fact that the requisite quantity was usually 12 loaves.

Answer: BAKER'S DOZEN

15. 17. It chronicles the journey of Addie Bundren to the city of Jefferson. Her family takes her on this trip, which soon becomes a disaster. One Bundren son burns down a stable and runs away while the Bundren family loses their mules. For ten points, name this dark Faulkner work about transporting the corpse of Mrs. Bundren.

Answer: AS I LAY DYING

16. 18. It is the major metabolically active steroid produced by the adrenal cortex and regulates much of metabolism, including maintaining adequate blood sugar levels. At high levels, it has an anti-inflammatory effect, and this product is often used to treat allergies, asthma, and autoimmune diseases. For ten points, name it.

Answer: CORTISOL (or CORTISONE or HYDROCORTISONE)

17 19. William Jennings Bryan's famous "Cross of Gold" speech helped him to win the Democratic nomination for president in 1896, but it could not propel him all the way to the presidency. For ten points, name the Republican candidate who defeated Bryan that year.

Answer: William MCKINLEY

18 20. California contains Mount Whitney, the tallest mountain in the forty-eight contiguous states. For ten points, name the state which contains the second highest peak in the forty-eight states, Mount Elbert.

Answer: COLORADO

19 21. Many people know that the World Trade Center and the Empire State Building are the two tallest buildings in New York City. For ten points, name the city's third tallest building.

Answer: CHRYSLER Building

20 22. This Italian Baroque composer was known primarily for his oboe concerti until the twentieth century musician Giacomini wrote an adagio based on thematic fragments of one of his works. For ten points name him.

Answer: Tommaso ALBINONI

23. It is the motto of the state of Virginia and during the Civil War, this phrase became infamous. For ten points, name the Latin phrase John Wilkes Booth uttered after shooting Abraham Lincoln at Ford's Theater in 1865.

Answer: SIC SEMPER TYRANNIS (Thus always to tyrants)

24. Two answers required. Prior to the National League expanding to Colorado and Florida in 1993, these two American League teams were the most recent franchises in Major League Baseball. For ten points, name both.

Answer: Toronto BLUE JAYS and Seattle MARINERS

25. Macedonia declared its independence from Yugoslavia in 1991 but was not recognized by the United States because of the objection of another Balkan nation. For ten points, name this country, whose territories incorporate part of what is traditionally Macedonia.

Answer: GREECE

BONUS QUESTIONS

STANFORD "B" BONI

(25 pt.)

1. I'm sure most people have heard enough about the O.J. Simpson murder case to know the important figures involved in it. But let's test your knowledge of the following equally spectacular murder cases of the early 20th century. a) For 5 points each, identify the 2 Chicago youths who, in a 1924 trial, were tried for the murder of teenager Bobbie Franks.

Answer: Nathan LEOPOLD and Richard LOEB

b) For 5 points identify the famous lawyer who defended Leopold and Loeb.

Answer: Clarence DARROW

c) Another famous murder trial was that of the Lindbergh baby kidnapping. For 5 points name the man accused of the kidnapping.

Answer: Richard Bruno HAUPTMANN

d) For ten points, name the chief investigator of this case, an officer of the New Jersey State Police, whose famous son has also made a name for himself.

Answer: Herbert Norman SCHWARZKOPF

(25 pt)

2. The move from murder to mathematics is but one bonus. Identify the following about curves. a) These two properties are unique to each curve. One is the magnitude of the first derivative of the unit tangent vector of a curve. The other is the magnitude of the derivative of the unit normal vector of a curve. For five points each, name them.

Answer: CURVATURE and TORSION

b) One man was important in developing many of the fundamental concepts behind both curvature and torsion. He also is associated with a famous torsion theory in the analysis of structures and engineering. For fifteen points, name him.

Answer: SAINT VENANT

(30 pt.) 20

3. Recycling isn't just a contemporary activity; for a late 1930's film, the island set of "King Kong" was recycled, in a way, by burning it to the ground to re-enact the burning of a famous Southern city. Yes, we're talking about "Gone With the Wind." Answer the following questions about the principles in that film.

a) Vivian Leigh was at Hollywood only because her famous husband was there working on a film. But as luck would have it she got the starring role of Scarlet O'Hara. For ten points, name her husband, famous for his roles as Lord Nelson, Heathcliff, and Hamlet.

Answer: Sir Lawrence OLIVIER

b) Leigh wasn't the only person married to a famous actor/actress. Clark Gable was married to another screen legend whose career was tragically cut short in 1942 in an aircraft accident. For ten points, name this famous comedienne, star of To Be or Not to Be.

Answer: Carol LOMBARD

b. For ten points, name the director who got the final credit for shooting Gone With the Wind.

Answer: Victor FLEMING

(30 pt)

4. Time for the obligatory American Lit. bonus. For 15 points each, identify the authors of the following works from one work. You'll receive ten points for answering correctly off the second clue, and 5 after the third clue, if there is one.

1) Two clues:

- a) Mules and Men
- b) Their Eyes Were Watching God

Answer: Zora Neal HURSTON

2) Three clues

- a) Horses and Men
- b) The Triumph of the Egg
- c) Winesburg, Ohio

Answer: SHERWOOD ANDERSON

(25 pt)

5. From America, we now move to Australia. For the stated amount of points, identify the following about the nation: a) For ten points each identify the capitals of Tasmania and Northern Territories

Answer: HOBART and DARWIN (respectively) b) For 5 points name the Australian area that was the first to be settled by Europeans. This settlement was founded in 1788, mostly by convicts.

Answer: BOTANY BAY

(30 pt.)

6. Everybody watches Looney Tunes, but how well do you know the names of the characters. Identify....

- a) For five points, the Extraterrestrial from the Red Planet who threatens to blow up Earth.

Answer: MARVIN the Martian

- b) For ten points, identify the large chicken who is constantly pursued by the chicken hawk.

Answer: FOGHORN LEGHORN

- c) For 15 points, identify that annoying frog that keeps singing "Hello my baby, Hello my darling, hello my ragtime gal"

Answer: MICHIGAN J. FROG

(30 pt.)

7. 30-20-10 Identify the historical figure. 30) A Chaldean king of around 600 B.C., he drove the Egyptians out of Asia minor and succeeded his father in 605 B.C. 20) He captured Jerusalem in 598 and took King Jehoiachin captive but had to retake the city in 586 after the new king made a treaty with Egypt. 10) He took many of his captives from Jerusalem to Babylon, his capital, and during his 43 year reign he built many canals and lakes, as well as a Palace and a garden.

Answer: NEBUCHADNEZZAR

(30 pt.)

8. 1994 marks the one hundredth anniversary of the publication of several notable pieces of writing. For ten points each, name the author of each of the following works published in 1894.

"The Jungle Book"

Answer: Rudyard KIPLING

"Wealth Against Commonwealth"

Answer: Henry Demarest LLOYD

"Pudd'nhead Wilson"

Answer: Mark TWAIN or Samuel CLEMENS

(30 pt.)

9. Name the author of the following quotes. 30 points after the first quote, 20 points after the second, and 10 points after the third. (i) "Say first, of God above or man below, What can we reason but from what we know?" (ii) "What dire offense from amorous causes springs, What mighty contests arise from trivial things." (iii) "For fools rush in where angels fear to tread."

Answer: ALEXANDER POPE

(30 pt.) 20

10. For ten points each, name the Shakespearean comedies in which the following passages appear.

"All the world's a stage,
And all the men and women merely players."

Answer: AS YOU LIKE IT

"If music be the food of love, play on;
Give me excess of it, that, suffeiting,
The appetite may sicken, and so die."

Answer: TWELFTH NIGHT

"O brave new world,
That has such people!"

Answer: THE TEMPEST

(30 pt.)

11. Mount Everest is the tallest mountain in the world; and K2 or Godwin-Austen is the second highest peak. For ten points each, name the third highest mountain in the world, the pair (both must be given) of countries on whose border it is located, and its height to within 700 feet.

Answers: KACHENJUNGA
INDIA-NEPAL
28,208 FEET (ie, 27,508-28,908 FEET)

(25 pt.)

12. Groups of animals often have special names; for example, a group of fish is called a "school."
For five points each, give the group name that corresponds to each animal.

ants

Answer: COLONY

larks

Answer: EXULTATION

vipers

Answer: NEST

lions

Answer: PRIDE

Rhinoceri

Answer: CRASH

13. (20) For five points for each correctly placed language, name in order, from most to least speakers, the four most common native languages in the world.

Answer: MANDARIN Chinese, HINDI, SPANISH, ENGLISH

(30 pt.)

14. The ninth symphonies of many composers have become famous. For ten points each, identify

~~the composer by the brief description of his "9th":~~ the composer by the brief description of his "9th":

Beethoven's ninth

Answer: CHORAL

Dvorak's ninth

Answer: From the NEW WORLD

Schubert's ninth

Answer: THE GREAT

1. The "Choral"

A: Beethoven

2. From the New World

A: Antonin Dvorak

3. The "Great"

A: Franz Schubert

(30 pt.)

15. Wilt Chamberlain and Michael Jordan are the only two players in the history of the National Basketball Association to win the scoring title for seven years. But four different players have led the league in scoring for three years. For ten points each, name three of them.

Answer: George MIKAN, Neil JOHNSTON, Bob MCADOO, George GERVIN

(25 pt.)

16. For five points each, give the full names of the following computer-related acronyms.

DOS

Answer: DISK OPERATING SYSTEM

COBOL

Answer: COMMON BUSINESS-ORIENTED LANGUAGE

FORTRAN

Answer: **FORMULA TRANSLATOR (TRANSLATION)**

For an additional 10 points, identify the naval programmer who invented **COBOL**

Answer: **Grace HOPPER**

(30 pt.)

17. Each year, many young Americans compete for the National Spelling Bee Championship in Washington, D.C. The following three words were among the championship-winning words from 1989 to 1993. For ten points each, spell them.

FIBRANNE

ANTIPYRETIC

KAMIKAZE

(30 pt.)

18) Identify this person for 30, 20, or 10 points.

30) This famous economist was born on a farm in Iona Station, Ontario on October 15, 1908.

20) He served as U.S. Ambassador to India from 1961 to 1963.

10) His most recent book is entitled "A Journey Through Economic Time."
~~and his most famous work is "The New Industrial State."~~

Answer: **John Kenneth GALBRAITH**

(20 pt.)

19. For five points each, name the states with the following nicknames:

Land of Opportunity

Answer: **ARKANSAS**

Sunflower State

Answer: **KANSAS**

Green Mountain State

Answer: **VERMONT**

Grand Canyon State

Answer: **ARIZONA**

(30 pt.)

20. The National Hockey League has expanded since the late 1960's to currently encompass 26 teams. For five points each, name the original six teams [names, not cities].

Answer: **(MAPLE LEAFS, CANADIENS, RANGERS, BRUINS, RED WINGS, BLACKHAWKS)**

(30 pt.)

21. (30) 30-15-5 Name this novel.

30) This classic American novel begins "In my younger and more vulnerable years my father gave me some advice that I've been turning over in my mind ever since."

15) The action of this work takes place in East Egg, NY.

5) This F. Scott Fitzgerald work includes characters such as Daisy Buchanan and Nick Carraway

Answer: THE GREAT GATSBY

(25 pt.)

22. Because of this year's baseball strike, the Toronto Blue Jays have a chance to threepeat as World Series Champions next season. For ten points, name the last team to do so and for an additional 5 points each, name the years in which they did it.

Answer: OAKLAND A's (ATHLETICS), 1972, 1973, 1974

(30 pt.)

23. Express the decimal number 16 in the following base systems, for ten points each:

- i) base 5
(answer i) 31
- ii) base 15
(answer ii) 11
- iii) base 2
(answer iii) 10000

(30 pt.)

24. For ten points each, give the nickname ascribed to each of the following Tchaikovsky symphonies.

the First
answer: WINTER DREAMS
the Second
answer: LITTLE RUSSIAN
the Sixth
answer: PATHETIQUE

(25 pt.)

25. For five points for each correctly placed item, sort the following forms of electromagnetic radiation in order from shortest to longest wavelength: microwaves, X-Rays, FM radio waves, ultraviolet light, and optical light.

Answer: X-RAYS, ULTRAVIOLET, OPTICAL, MICROWAVE, FM RADIO