

1. Literature US

TOSSUP Also known as the Science Fiction Achievement Award, it is given annually by the World Science Fiction Society. at Worldcon, voted on popularly by the membership. Named for the first name of the The Father of Magazine Science Fiction -- for 10 points -- name this prize first awarded in 1953 to Alfred Bester for "The Demolished Man".

Answer: The Hugo Award, in honor of Hugo Gernsback.

BONUS Science Fiction sometimes has a message. Who wrote the following works of anti-totalitarian literature, for 10 points each.

A. Brave New World

Answer: Aldous Huxley

B. Anthem

Answer: Ayn Rand

C. Fahrenheit 451

Answer: Ray Bradbury

2. History US

TOSSUP This 1861 West Point Graduate rose to Major General of Volunteers in the United States Civil War. However in 1876 on a mission to roundup Native Americans in Montana, - for 10 points -- who was killed at Little Big Horn?

Answer: George Armstrong Custer

BONUS Of what tribes are the following American Indians:

A. Sitting Bull and Crazy Horse

Answer: Hunkpapa and Oglala Sioux (respectively)

B. Metacomet and King Philip

Answer: Wampanoag

C. Red Jacket

Answer: Seneca (prompt on Iroquois)

3. Science - Physics

TOSSUP If the Universe is infinite, uniform, and unchanging then the entire sky at night would be bright -- about as bright as the Sun. The further you looked out into space, the more stars there would be, and thus in any direction in which you looked your line-of-sight would eventually impinge upon a star. For 10 points -- whose paradox is resolved by the big bang theory, which puts forth that the Universe is non-uniform, dynamic, and (probably) finite.

Answer: Olbers' paradox (H. Olbers; 1826)

BONUS A proton has a +1 charge. Identify the charge or charges of the following particles for 10 points each:

A. kaon Answer: +1 or 0

B. pion Answer: +1 or 0

C. muon Answer: -1

4. Religion/Mythology/Philosophy

TOSSUP Right View of Knowledge, Right Ambition, Right Conduct, Right Means of Livelihood, Right Speech, Right Effort, Right Thoughts, and Right Meditation, all are intended to eliminate selfish desire and to enlightenment. For 10 points, what are these behaviors collectively called in Buddhist thought.

Answer: Noble Eightfold Path or Way

BONUS: Answer the following about Hinduism

A. A God made visibly present, especially in human form, the term is now used for graphical self-representation in on-line chat rooms

Answer: avatar

B. "The Song of God", it contains a discussion between Krishna and Arjuna

Answer: Bhagavad Gita

C. The soul is emancipated by what three Margas.

Answer: duty, knowledge, devotion

5. History World /Ancient

TOSSUP A Persian army of 25,000 men landed unopposed, and the Athenians appealed to Sparta to join forces. However, the Spartans were delayed by a religious festival so the 10,000 Athenians, assisted by 1,000 soldiers from Plataea, faced the Persians alone. While the Persian cavalry was away, Miltiades seized the opportunity to attack. The Greeks won a decisive victory, losing only 192 men to the Persians' 6,400. For 10 points -- name this decisive battle which has given its name to a 26 mile race.

Answer: Marathon

BONUS After their defeat at Marathon the Persians went home, and Greeks wrote history. Identify these ancient historians for 10 points each:

A. What Greek historian from Halicarnassus was called the Father of History?

Answer: Herodotus

B. What Athenian historian from 455-400 BC wrote *History of the Pelopennisian War*?

Answer: Thucydides

C. Born in Halicarnassus in the 1st Century BC, this Greek historian wrote *Roman Antiquities*.

Answer: Dionysius of Halicarnassus

6. Sports Popular Culture

TOSSUP Hey - player takes half of the pot, Nun - nothing happens - next player spins, Shin - player must put one token into the pot, Gimel - player takes all tokens in the pot. So are the rules of -- for 10 points -- the game involving this Hanukkah toy which, as the song says, may be made out of clay.

Answer: Dreidel

BONUS Identify these games from a brief historical description, for 10 points each:

A. The Soviets claim it was "invented by a Russian", but most authorities attribute it to an Indian or a Persian. Its key expression derives from "The King is Dead" or Al Shah Mat.

Answer: Chess

B. Invented in Egypt in 2000 BC, it was known as "alquerque". A two player game, each player moves a dozen pieces across a matrix. What is this game played on porches everywhere?

Answer: Checkers

C. During the Great Depression, out-of-work architect Alfred Mosher Butts invented this board game, which was originally named Lexico, but renamed "Criss-Cross Words." before it adopted its present name.

Answer: Scrabble

7. Literature Foreign

TOSSUP Living only 38 years, this Russian noble is often considered the country's greatest poet and the founder of its literature. While still in school he also began his first major work, the romantic poem *Ruslan and Ludmila*. However, he soon turned political, joining a secret society and getting himself banished from St. Petersburg around the time of the Decembrist revolt. For 10 points -- who was was mortally wounded in 1837 protecting his wife's honor in a duel.

Answer: Alexander Pushkin

BONUS Name these Alexander Pushkin works for 10 points each

A. This poem, similar to Sterne's *Tristram Shandy* and Lord Byron's *Don Juan*, it tells the story of a "superfluous man"-- that is, a man with no core or purpose to his life--and Tatyana, who stands for authenticity in a sea of literary or social clichés, which she somehow manages to transcend even when she accepts them.

Answer: Eugene Onegin (Yevgeny Onegin)

B. This "little tragedy," written in 1830, with the legend that one composer poisoned another.

Answer: Mozart and Salieri (Motsart i Salyeri)

C. This narrative poem reflects on Peter the Great and the importance of St. Petersburg,

Answer: The Bronze Horseman (Medny vsadnik)

8. Art/Architecture/Photography

TOSSUP Artists like Braque and Picasso exhibited with them, but did not join this group. Formed in 1911, members include Franz Marc, Auguste Macke, Paul Klee, and Wassily Kandinsky, who gave the name to the group. For 10 points -- identify this group of German expressionists?

Answer: Der Blaue Reiter (The Blue Rider) School

BONUS Who painted the following works of art or had hits with the following songs (5 each):

A. The Yellow Christ

Answer: Paul Gauguin

B. A Whiter Shade of Pale

Answer: Procal Harem

C. The Blue Boy

Answer: Thomas Gainsborough

D. Pink Cadillac

Answer: Bruce Springsteen or Aretha Franklin

E. Pinkie

Answer: Thomas Lawrence

F. Purple Haze

Answer: Jimi Hendrix

9. Science - Biology/Anthropology/Paleontology

TOSSUP Like lampreys, and unlike other fish, it has no bones, rather its skeleton is made entirely of cartilage. For 10 points -- what is this primitive fish, which has struck fear into the hearts of residents of Amity and other beachcombers?

Answer: The Shark

BONUS Identify these biological process for 10 points each:

A. What is it called when a cell wall is removed and the membrane breaks?

Answer: lysis

B. What is the process of nuclear division in eucaryotes called?

Answer: mitosis

C. What is the process by which a cell is built up from simple nutrients, from the Greek for building up?

Answer: anabolism

10. Music/Dance Film/Stage

TOSSUP Based on an E.M. Forster story, it features Maggie Smith as the cousin chaperone of the heroine in Florence. The heroine is engaged to Cecil, but in love with George, in post-Victorian antebellum England. Name this film starring Helena Bonham Carter, Daniel Day Lewis, and Julian Sands.

Answer: A Room with a View

BONUS 1987 was a banner year for Hollywood, given the star of a film, tell me the name of the number 1 through 5 top grossers of 1987 (5 points each + 5 for all correct):

- | | |
|-------------------|---|
| A. Eddie Murphy | Answer: <u>Beverly Hills Cop II</u> |
| B. Charlie Sheen | Answer: <u>Platoon</u> |
| C. Glenn Close | Answer: <u>Fatal Attraction</u> |
| D. Kevin Costner | Answer: <u>The Untouchables</u> |
| E. Michael J. Fox | Answer: <u>The Secret of My Success</u> |

11. Literature English Language

TOSSUP Born in Middleburg, in the semi-desert Karroo region of South Africa, in 1932 to white parents, with his wife, actress Sheila Meiring, he formed an experimental theater company in Johannesburg, South Africa. Later he formed the Serpent Players, a company composed of blacks from nearby townships, which was denied permission to perform publicly for whites, premiered his *The Blood Knot* in 1961. For 10 points -- whose more recent plays are: *The Island*, *A Lesson from Aloes*, *The Road to Mecca*, *My Children! My Africa*, and *Valley Song*.

Answer: Athol Fugard

BONUS Identify these South African Authors, 10 points on one clue, 5 points on two clues

A. 15) *Too Late the Phalarope*

5) *Cry the Beloved Country*

Answer: Alan Paton

B. 15) *The Soft Voice of the Serpent* and *A World of Strangers*,

5) *The Lying Days* and *Livingstone's Companion*?

Answer: Nadine Gordimer

12. History Recent

TOSSUP The repression, and the suppression of its repression in the American media, of the 27th province of Indonesia, is a cause celebre in some factions, particularly those aligned with Noam Chomsky. But the media gods are now smiling on this small Catholic corner of the world, as two of its leaders, Bishop Carlos Belo and Jose Ramos Horta, were bestowed with the 1996 Nobel Peace Prize. For 10 points -- What is this former Indonesian province whose capital is Dili?

Answer: East Timor

BONUS Answer these questions about Japanese history for 10 points each:

A. It was a slogan used by the Japanese Government during WWII to express the idea of a politically and economically integrated Asia, free from Western Domination, but under Japanese influence. What was it called?

Answer: Greater East Asia Co-Prosperity Sphere

B. What was the Japanese puppet state in Manchuria called?

Answer: Manchuku

C. The de facto rulers of Japan before the 1868 revolution, what position officially ranked below the Tenno or Mikado?

Answer: Shogun

13. History Europe

TOSSUP The great-granddaughter of Henry VII through her mother, she was named by Edward VI on his deathbed as his successor. Her Protestantism put her in conflict with the the contesting heir Mary I. For 10 points -- name this flash in the pan ruler who reigned for nine days, but was ultimately found guilty of treason and later executed following further conspiracies by her father.

Answer: Lady Jane Grey (Lady Jane Dudley)

BONUS After the Glorious Revolution of 1688, several laws were passed making the nation of England more republican, for 10 points each:

A. What 1701 Act provided for Hannoverian Succession?

Answer: Act of Settlement

B. What 1694 Act ordered elections every three years?

Answer: Triennial Act

C. What 1689 Act granted religious toleration to all Protestants?

Answer: Act of Toleration

14. Science - Geology/Astronomy/Meteorology/Archeology

TOSSUP In 1763 he established the arc of twelve miles radius centered at New Castle, Delaware that forms the border between the two states, and was used by Mason and Dixon for their line. For 10 points -- name this astronomer for whom a major Philadelphia Square is named?

Answer: David Rittenhouse

BONUS Answer these questions about early manned space flight for the stated number of points:

A. (15) Which Apollo mission was the first manned flight around the moon?

Answer: Apollo 8

B (5,5,5) Who were the three crew members aboard Apollo 8?

Answer: Frank Borman, Jim Lovell, William Anders

15. Economics/Business/Government/Political Science

TOSSUP He was born in 1953, got his Ph.D. from MIT in 1977, and has taught economics at Yale and Stanford as well as MIT, most recently switching to Princeton. In 1991 he was awarded the John Bates Clark Medal for his work on the "new trade theory" which is about the consequences of increasing returns and imperfect competition for international trade and finance. Since then he has turned toward more popular writing about trade and macroeconomics. For 10 points -- who penned "Peddling Prosperity" and "The Age of Diminished Expectations", as well as the more recent "Return of Depression Economics"

Answer: Paul Krugman

BONUS Answer the following related questions, for 10 points each.

A. For what invention did Christopher Sholes, Samuel Soule, Carlos Glidden in 1868 receive the first patent?

Answer: Typewriter

B. This is the keyboard layout for most common typewriters, taking its name from the six letters in the upper left.

Answer: QWERTY

C. This is the most common competing keyboard layout, which may or may not be more efficient, named for its inventor, not a Czech composer

Answer: Dvorak

16. Math - Computer Science Engineering

TOSSUP Forced by his father to pursue theology, his love of mathematics led him to university. With his brother Johann, he promoted Leibniz's calculus in Europe. His main work in probability is *Ars Conjectandi*, which was published after his death by his nephew Nikolaus. For 10 points --name this famous Swiss scientist.

Answer: Jakob (Jacques) Bernoulli

BONUS You have two standard six-sided dice with each side numbered 1 to 6. Knowing that there is a 6 out of 36 chance of throwing a 7, how many ways can one throw each of the other possible results from 2 to 12, for the number of points associated with the correct odds on each. Give your answer in fractions (15 seconds).

Answer: 2 = $\frac{1}{36}$, 3 = $\frac{2}{36}$ (accept $\frac{1}{18}$), 4 = $\frac{3}{36}$ (accept $\frac{1}{12}$), 5 = $\frac{4}{36}$ (accept $\frac{2}{18}$ or $\frac{1}{9}$), 6 = $\frac{5}{36}$, 8 = $\frac{5}{36}$, 9 = $\frac{4}{36}$ (accept $\frac{2}{18}$ or $\frac{1}{9}$), 10 = $\frac{3}{36}$ (accept $\frac{1}{12}$), 11 = $\frac{2}{36}$ (accept $\frac{1}{18}$), 12 = $\frac{1}{36}$

17. Psychology/Sociology/Linguistics

TOSSUP Its practitioners believe that the subconscious mind is the source or root of many of our behaviors, emotions, attitudes and motivations. They can help you with cease smoking, reduce stress, allay fears, take tests, play better, eliminate bad habits, cure insomnia, improve your memory, motivate your career, manage pain, and end nail biting. For 10 points -- name the tool -- contrary to popular films administered while you are awake - for accessing the subconscious mind and creating dramatic improvements in our lives.

Answer: hypnotherapy (accept hypnotherapists, hypnotism)

BONUS Answer the following about education theory, for 10 points each:

A. This idea says that children in their early years learn to read and write by grasping whole words and phrases in context

Answer: Whole-language

B. In contrast to whole-language, it suggests that learning to read is best done by sounding out letters and syllables

Answer: Phonics

C. Dismissed as "fuzzy math" or "MTV math", it trains kids to reason through numerical problems rather than memorizing multiplication tables. Unlike the new math, it does not rely on set theory and other abstract notions

Answer: Whole-math instruction

18. Geography

TOSSUP Parthenope is the original name of a city founded by the Greeks, which is the one-time home to Sophia Loren, Cicero, Stendhal, and Goethe among others. It recently almost elected Alessandra Mussolini as mayor, though Antonio Bassolino, a National Alliance member won. For 10 points - What is this southern Italian city with a bad reputation for many things, but not dessert.

Answer: Naples

BONUS Identify the following cities as being in the Provence, Burgundy, Champagne, Loire Valley or Armagnac wine regions of France:

A. Reims

Answer: Champagne

B. Tours

Answer: Loire Valley

C. Toulon

Answer: Provence

19. Miscellaneous 1

TOSSUP Founded in 1910 by Luther Gulick, M.D., and his wife, Charlotte, as the first nonsectarian organization for girls in the United States, it is based in Kansas City, Mo. Serving approximately 667,000 youth from birth to age 21, boys were invited to join in 1975 and now make up 45 percent of the organization. Divided into levels called Starflight, Adventure, and Discovery -- for 10 points -- name this youth group named for a controlled outdoor conflagration.

Answer: Camp Fire Boys and Girls

BONUS For five points, name the location, and for another five name the year of the following flames, given a description:

A. In the witch hunt following this fire, the atheistic Thomas Hobbes, author of "The Leviathan", was blamed.

Answer: London, 1666

B. The O'Leary family's cow was blamed for starting this conflagration

Answer: Chicago, 1871

C. This great earthquake and fire beginning on April 18 was San Andreas' fault,

Answer: San Francisco, 1906

20. Miscellaneous 2

TOSSUP Living from 1844 to 1900, in 1869 he was made professor of philology in Basel, but because of health he gave up that post in 1879. His best known work condemns Christian morality as the code of the slavish masses and preaches the superiority of the morality of the masters which arises from the will to power. He is thus the formulator of the Superman Theory. For 10 points -- who penned "*Beyond Good and Evil*", "*The Birth of Tragedy*", and "*Thus Spake Zarathustra*"?

Answer: Friedrich Wilhelm Nietzsche

BONUS Identify the philosophical terms, for 15 points each:

A. This Philosophic term refers to determining right and wrong by applying general ethical principles and applying those principles in a false or misleading way.

Answer: Casuistry

B. This epistemological doctrine considers the individual self and its state the only possible or legitimate starting point for philosophic construction.

Answer: Solipicism

C. This philosophy, advocated by Gorgias, holds that nothing, or nothing of a specified and very general class, exists, is knowable, or is valuable.

Answer: Nihilism

Emergency Tossup 5

TOSSUP They all have three pairs of legs, an exoskeleton, and three parts to their bodies: a head, a thorax, and an abdomen. Estimates of their number run to 10^{18} . For 10 points -- what is this most successful kind of arthropod?

Answer: Insects

TOSSUP An Austrian General celebrated for his campaigns in the Thirty Years War, in 1632 he was defeated by Gustavus Adolphus at Lutzen. He prepared to abandon the Empire, but Ferdinand II suspected this and removed him from command. His officers believed he was about to defect, so they murdered him. For 10 points -- name this general, the subject of a trilogy by Schiller?

Answer: Albrecht Eusebius von Wallenstein

TOSSUP In 1774 he drew up the Fairfax resolves, later adopted by the Continental Congress in Philadelphia. In 1775 he served on the Virginia Committee of Safety, which took over the state after Governor Dunmore fled. And he framed the Virginia Declaration of Rights, influencing the Declaration of Independence and the Bill of Rights, as well as Revolutionary France. For 10 points -- what friend of George Washington didn't sign the Constitution, but strongly supported the Bill of Rights, and gave his name to a Fairfax Virginia University.

Answer: George Mason

Emergency Bonus 5

BONUS American Literature Grab Bag, for 10 points each:

A. Two men have written works entitled "The Marble Faun", name them.

Answer: Nathaniel Hawthorne, William Faulkner

B. What college did both Nathaniel Hawthorne and Henry Wadsworth Longfellow attend?

Answer: Bowdoin

C. What novel is the sequel to Faulkner's "Sanctuary"?

Answer: Requiem for a Nun

BONUS Name the African lake given its bordering countries, for instance, if I said Zambia and Zimbabwe, you would answer Lake Kariba. For 10 points each.

A. Tanzania, Malawi, Mozambique

Answer: Lake Nyasa

B. Uganda, Kenya, Tanzania

Answer: Lake Victoria

C. Burundi, Zaire, Tanzania, Zambia

Answer: Lake Tanganyika

BONUS What enzyme hydrolyzes the following substances (10 points each):

A. cellulose Answer: cellulase

B. malt sugar Answer: maltase

C. milk sugar Answer: lactase