

1. Science - Geology/Astronomy/Meteorology/Archeology

TOSSUP It has a radius of about 32 million kilometers, or 46 times that of the sun. . It is also an overtone pulsator, a type of Cepheid variable star. A 2nd magnitude star, it is famous because it is only 1 degree off the north celestial pole. For 10 points - name this star located just off the tip of the Little Dipper in the night sky,

Answer: Polaris, or the North Star

BONUS What Constellation are the following stars in, for 10 points each:

A. Bernard's Star

Answer: Orion

B. Vega

Answer: Lyra

C. Deneb

Answer: Cygnus or Northern Cross

2. Miscellaneous 1

TOSSUP Originally called Decoration Day, a variant is observed on the Fourth Monday in April in Alabama, the last Monday in April in Mississippi, and April 26 in Florida and Georgia. For 10 points -- name this holiday first observed on May 30, 1868, on the order of General John Alexander Logan for the purpose of decorating the graves of the American Civil War dead.

Answer: Memorial Day (accept Confederate Memorial Day until "1868").

BONUS Name these holidays from clues for 10 points each

A. Started by J. Sterling Morton, a Nebraska farm leader and United States Secretary of Agriculture, it is observed every year on his birthday April 22.

Answer: Arbor Day

B. It was first celebrated in 1886 in the United States and aimed to attain the 8 hour work day. Now it is an international protest against globalization.

Answer: May Day (or May 1st)

C. This holiday was initiated in the U.S. in 1882 by a group led by Terence Powderly, who held a large parade in New York City. In 1894 the U.S. Congress made the day a legal holiday.

Answer: Labor Day

3. Religion/Mythology/Philosophy

TOSSUP Archaeologists have found affected skulls dating back to 3000 B.C. Hippocrates, in his classic medical text "On Injuries of the Head," endorsed it for the treatment of head wounds. During medieval times, the procedure was thought to liberate demons from the heads of the possessed and to cure maladies ranging from meningitis to epilepsy. For 10 points -- name the practice of making a hole in the skull and extracting a chunk of bone to increase brain blood volume and allowing the brain to breathe

Answer: Trepanation

BONUS In Norse Mythology for 10 points each name:

A.. Odin's youngest son, God of Justice

Answer: Vali

B. The God of Mischief

Answer: Loki

C. The Goddess of Love

Answer: Freya

4. Psychology/Sociology/Linguistics

TOSSUP To those who believe, this is a sacred month wherein the Almighty is constantly testing His creation and giving humanity the opportunity to achieve infinite, endless bliss. This ninth month is also when it is believed the Holy Quran "was sent down from heaven, a guidance unto men, a declaration of direction, and a means of Salvation" For 10 points -- name this month of fasting on the Islamic calendar.

Answer: Ramadan

BONUS What do the following Arabic words mean in English for 10 points each:

A. Jihad

Answer: Holy War

B. Hadj

Answer: Pilgrimage

C. Islam

Answer: Subservience or Submission

5. History Europe

TOSSUP The first of its treaties settled the War of Devolution. The second treaty settled the War of Austrian Succession and King George's War in 1748. An 1818 Congress here settled France's War indemnity and resulted in their admittance to the Quintuple Alliance. For 10 points – give either the French or German name of this city, important in the history of diplomacy, and capital to Charlemagne?

Answer: Aix-la-Chappelle, or Aachen

BONUS Name these things French for 10 points each:

A. The Prime Minister of the later Merovingian Kings, and de facto rulers, the last to hold this title was Charles "the hammer" Martel,

answer: Mayor of the Palace

B. A judicial body succeeding the Court Plenieres, it was originated by Louis IX and in 1302 under Phillip IV was settled in Paris. This French judicial body was originally composed of 2 prelates, 2 nobles, 13 clerics, and 13 lay.

answer: Parlement

C. It is the name of two major rebellions of French nobles against the growing power of Louis XIV between 1648 and 1653 in France.

answer: The Fronde

6. Geography

TOSSUP This group consists of more than twenty islands, but the name comes from its largest ones: Rhodes, Karpathos, Kalymnos, Patmos, Astypalasia, Kasos, Telos, Syme, Leros, Nisyros, Chalke, Kastellorizo. For 10 points -- name this twelve island collection belonging to Greece.

Answer: The Dodecanese

BONUS Identify these Japanese cities for 10 points each:

A. Literally meaning Rivergate, the name Edo was in use from 1180 to 1868, when the name was changed to this.

Answer: Tokyo

B. Its original name was Heiankyo "Capital of Peace and Ease", and from 794-1868 it was the capital of Japan.

Answer: Kyoto

The city was founded in 1594 on six islands in the Ota River delta, but is more famous for some events taking place in 1945

Answer: Hiroshima

7. Literature US

TOSSUP While rooming with Ralph Waldo Emerson, he met other American transcendentalists, Margaret Fuller, Bronson Alcott, and George Ripley. In 1845 he moved to a crude cabin on the outskirts of Concord. There, he earned his keep by gardening, carpentry, and land surveying, but his time was spent studying nature, meditating, and reading Greek, Latin, French, and English literature. For 10 points -- who championed civil disobedience by refusing to pay his poll tax?

Answer: Henry David Thoreau

BONUS 30-20-10 Name this literary city

A. (30) *The Blockade* by General Burgoyne, and an anonymous answer entitled *The Blockheads* are set here during the War for American Independence

B. (20) Maxwell Anderson's *Winterset*, about Sacco and Vanzetti is set here

C. (10) Writers from this city's region include Ralph Waldo Emerson, Henry David Thoreau, Oliver Wendell Holmes, Julia Ward Howe, Harriet Beecher Stowe, Nathaniel Hawthorne, Phillis Wheatley, Henry Wadsworth Longfellow, Anne Sexton, and Robert Lowell.

Answer: Boston

8. History US

TOSSUP After the successful capture of Charleston in 1780, Clinton left him in charge of British forces in the South. He won a clean victory over Gates at Camden. For 10 points -- who on October 19, 1781 surrendered at Yorktown?

Answer: Earl Charles Cornwallis

BONUS Answer these questions about the Battle of Quebec for 10 points each:

A. What American General died at the battle of Quebec Dec. 30, 1775?

Answer: General Richard Montgomery

B. What other American General was wounded there?

Answer: Benedict Arnold

C. What General did Montgomery and Arnold lose to?

Answer: Guy Carleton

9. Art/Architecture/Photography

TOSSUP *I Know How You Must Feel Brad, Why Brad Darling, This Painting is a Masterpiece My Soon You Will Have All of New York Clamoring for Your Work, Blam and The Melody Haunts My Reverie* are some of the text in this artist's work. For 10 points -- name this pop-art figure who is famous for his comic-strip like art with text bubbles.

Answer: Roy Lichtenstein

BONUS 30-20-10 Name the individual

A. (30) His 6 hour movie *Sleep* garnered applause from the audience when the sleeping subject rolled over in bed.

B. (20) In 1968, he was shot and wounded, by Valerie Solanis, the only member of S.C.U.M. (The Society for Cutting Up Men).

C. (10) He is famous for his popular portrayals of Marilyn Monroe, Chairman Mao, and Campbell's Soup cans.

Answer: Andy Warhol or Warhola

10. Literature English Language

TOSSUP This Viennese Montessori teacher trained under Sigmund and Anna Freud, specializing in child analysis. In *Childhood and Society* he divided the human life cycle into eight psychosexual stages of development. For 10 points -- who penned the psychohistorical studies, *Young Man Luther* and *Gandhi's Truth*.

Answer: Erikson, Erik

BONUS Several American Presidents are noted authors, for example Ronald Reagan's *Where's the Rest of Me?*. Many foreign Prime Ministers have also written books. What Prime Minister wrote the following for 10 points each:

A. *Coningsby*

Answer: Benjamin Disraeli

B. *The Story of My Experiments With Truth*

Answer: Mohandas Gandhi

C. *The World Crisis*

Answer: Winston Churchill

11. Music/Dance Film/Stage

TOSSUP This tall instrument is made in three parts: the sound box, neck, and pillar. The strings are stretched between the sound box and the neck, into which are fastened the tuning pegs. The diatonic version was perfected c.1810 with the invention of double-action pedals, which can raise pitch by a semitone or a tone. For 10 points -- name instrument which angels are imagined to play.

Answer: Harp

BONUS 30-20-10 Name the individual.

A. (30) "Abilities develop only for the things which have been experienced," he says, "I believe that in the field of education we must not forget that ability does not grow where there is no experience."

B. (20) With his method, children learn to play by imitating the recorded pieces which they listen to every day, which he calls the "mother-tongue approach."

C. (10) He began developing his system of music education in Japan in the 1930's.

Answer: Dr. Shinichi Suzuki

12. History World /Ancient

TOSSUP This Genoese native went to sea at 14, was shipwrecked off Portugal, and settled there, For 10 points -- whose journal reads "Set sail from the bar of Saltes at 8 o'clock, and proceeded with a strong breeze till sunset, sixty miles or fifteen leagues south, afterwards southwest and south by west, which is the direction of the Canaries." on the August 3, 1492 entry?

Answer: Christopher Columbus

BONUS Exploration Grab Bag for 10 points each:

A. (5 each) Marco Polo named these "islands" Cipangu and Cathay, what do we call them?

Answer: Japan, China

B. (10) From 1766-69 this man was the first Frenchman to voyage around the world. Who?

Answer: Louis Antoine de Bougainville

C. (10) Bougainville was the first Frenchman to circumnavigate the globe, who however was the first Englishman to circumnavigate the Globe?

Answer: Sir Francis Drake

13. Science - Biology/Anthropology/Paleontology

TOSSUP It produces enzymes that help digest protein, fat and carbohydrates before they can be absorbed through the intestine. It also makes islands of endocrine cells that produce insulin which regulate the use and storage of the body's main energy source, glucose or sugar. For 10 points -- name this 15-centimeter long bodily organ located in the upper abdomen, and connected to the small intestine.

Answer: Pancreas

BONUS You've got to have heart or at least know your heart, to get 30 points. For 10 points answer these random questions on that organ

A. Who was this last man to have an artificial heart implant, the Jarvik-7, receiving it in Nov. 1984 and dying in August 1986?

Answer: William Schroeder

B. Which valve of the heart opens onto the aorta artery?

Answer: semi-lunar

C. The first promising treatment of heart attacks were drugs such as Activase and Eminase, generically called, TPA, which dissolve blood clots. For what does TPA stand?

Answer: Tissue Plasminogen Activator

14. Science - Physics Chemistry

TOSSUP Discovered by Nicholas Louis Vauquelin in 1797, this Group II-A element resists oxidation in air at normal temperatures and can scratch glass. Aquamarine and emerald are precious forms of its mineral. For 10 points -- name this element, number 4 on the period table.

Answer: Beryllium

BONUS Name these physical laws from their equations for 10 points each

A. $P V = n R T$

Answer: Ideal Gas Law

B. $P_1/T_1 = P_2/T_2$

Answer: Gay-Lussac's Law

C. $P_1 V_1 = P_2 V_2$

Answer: Boyle's Law

15. History Recent

TOSSUP In June 1996 the IRA blew up 670 businesses at Arndale Centre in this city. Located up the Mersey from Liverpool, it has bid for the Summer Olympic Games several times. For 10 points -- name this city, home to the free-trading Anti-Corn Law League, whose natives are called Mancunians.

Answer: Manchester

BONUS Answer these related questions for 10 points each:

A. A secret revolutionary group organized in 1858 to achieve complete Irish independence from Britain, it include groups in Ireland, Britain, and America, it was replaced by the Sinn Fein.

Answer: Fenians

B. This Irish born author wrote the "Drapier Letters", about Wood's Halfpence Controversy, a scandal concerning the patent to coin copper money in Ireland.

Answer: Jonathan Swift

C. This Irish political leader, writer, and Parliamentarian of the 1700's opposed the French Revolution as a complete and unjustified break with tradition, but sided with the colonists in the War for American Independence.

Answer: Edmund Burke

16. Literature Foreign

TOSSUP The Nobel Prize committee said that "because of his profoundly sensitive, fresh and beautiful verse, by which, with consummate skill, he has made his poetic thought, expressed in his own English words, a part of the literature of the West." For 10 points -- name this Bengali author of *Gitanjali* and *The Home and the World*.

Answer: Rabindranath Tagore

BONUS Identify these Indian authors for 10 points each:

A. This environmental activist wrote *The God of Small Things*

Answer: Arundhati Roy

B. This medical doctor wrote *Ageless Body, Timeless Mind : The Quantum Alternative to Growing Old*

Answer: Deepak Chopra

C. *On Economic Inequality* is one of this Nobel Prize winning economist's most famous works

Answer: Amartya Sen

17. Math - Computer Science Engineering

TOSSUP Promoted to major on the launch pad, he was famous for 108 minutes of just sitting there. His landing near Saratov in the Soviet Union was observed only by peasants and cows, though perhaps he bailed out at an altitude of 6 kilometers. For 10 points -- name this Soviet cosmonaut and first to orbit the earth aboard Vostok 1 on April 12, 1961

Answer: Yuri Gagarin

BONUS Given a Soviet Aircraft Abbreviation, tell what it stands for, for 10 points each:

A. MiG

Answer: Mikoyan Gurevich

B. Tu

Answer: Tupelov

C. An

Answer: Antonov

18. Economics/Business/Government/Political Science

TOSSUP Now standing at over 9 trillion dollars annually in the U.S., it is the sum of personal consumption, gross private domestic investment, government purchases, and net exports. For 10 points -- what economic measure is defined as the output of goods and services produced by labor and property located in the country.

Answer: Gross Domestic Product

BONUS According to 1998 rankings, place the following countries in order from greatest to least gross domestic product: Spain, Brazil, United Kingdom, Germany, Canada, China., 5 points for each in correct position

Answer: Germany (2136), United Kingdom (1389), China (966), Brazil (774), Canada (604), Spain (577)

(in billion \$US) (Source: JP Morgan, Global Data Watch)

19. Sports Popular Culture

TOSSUP Though produced by George Lucas and featuring Industrial Light and Magic special muppet effects, that could not save the story. The humans starring included Jeffrey Jones and Lea Thompson. For 10 points -- Name this marauding mallard of vengeance, co-developed by Jack Kirby appearing originally in a comic published by Eclipse?

Answer: Howard the Duck

BONUS Salt Lake City may not be the new Hollywood, but it has produced some interesting films. Name these for 10 points each:

A. Its about a Mormon Missionary enmeshed in the porn industry

Answer: Orgazmo

B. A woman accidentally discovers the Plaque of Kolob which leads her to discover an insidious alien plot for world domination documented by a disreputable early Mormon prophet.

Answer: Plan 10 From Outer Space (Yes Plan 10)

C. Its about punk life in Utah's capital

Answer: SLC Punk

20. Miscellaneous 2

TOSSUP Conferences aboard warships in Argentinia (Placentia) Bay off Newfoundland between FDR and Churchill resulted in the following provisions: (1) no territorial gains would be sought by the United States or United Kingdom, (2) territorial adjustments must conform to the people involved, (3) people have the right to choose their own government (4) trade barriers should be lowered, (5) there must be disarmament, (6) there must be freedom from want and fear, (7) there must be freedom of the seas, (8), there must be an association of nations. For 10 points -- give the collective name of these provisions?

Answer: The Atlantic Charter

BONUS Name these related policies for 10 points each:

A. Resulting from Spanish Civil War, American citizens could not sell arms to belligerents in Civil War, including government side because of this law. Later in the year 1937, a second act forbade travel by United States citizens on ship of belligerents.

Answer: Neutrality Acts

B. In 1939, the United States revised the Neutrality Laws, thus repealing the provisions that prohibited the sale of equipment to warmakers under any condition, thereby establishing this policy.

Answer: Cash and Carry

C. Approved March 11, 1941, this act gave President Roosevelt almost unlimited freedom in directing supplies, tanks, aircraft and ammunition to the war effort in Europe without sacrificing US neutrality at that time.

Answer: Lend-Lease

Emergency Tossup 14

He was born in 1756 in upstate New York as Otetiani, but changed his name to Sagoyewatha when he became Chief of the Senecas. For 10 points -- name this well-dressed Iroquois leader from the Revolution and War of 1812 who supported the United States Government and earned the epithet "cow-killer"?

Answer: Red Jacket

These mathematical objects can be used to describe the symmetry of structures. Expressed technically, they are a set of objects for which certain arithmetic rules apply. (For example all whole numbers and their sums form one). An important theorem of algebra says that all of them, however large and complicated they may seem, consist of the same components - in the same way as the material world is made up of atomic particles. For 10 points -- what is this term which in normal speech may apply to any collection, such as pundits with John McLaughlin.

Answer: Group

Its motto was "Quod omnes tangit ad omnibus approbatur" (Let that which touches all be approved by all). Convened in 1295 under Edward I at London, it was attended by bishops, barons and burgesses representing all of England. For 10 points -- What name was given this Parliament upon which later Parliaments styled themselves?

Answer: The Model Parliament

Emergency Bonus 14

BONUS The Trust Territories the United States were given after World War II have been divided into four parts and given self determination. Name the four parts for 5 points each and 10 for all four parts correct.:

Answer: Belau (Palau), Northern Marianas, Marshalls, Federated States of Micronesia

BONUS Who founded these militaristic Do-Good organizations for 10 points each:

A. The International Red Cross?

Answer: Jean Henri Dunant

B. The Boy Scouts

Answer: Lt. Gen. Robert SS Baden Powell

C. The Salvation Army

Answer: William Booth

BONUS Colonel House served Woodrow Wilson. Who were the Presidents that the following right hand men served for 10 points each:

A. Hamilton Jordan

Answer: Jimmy Carter

B. Duff Green

Answer: Andrew Jackson

C. Sherman Adams

Answer: Dwight Eisenhower