

1. Miscellaneous 1

TOSSUP Georgius Agricola's monumental 1556 treatise on metallic arts "De Re Metallica" was translated into English by one of the 20th century's foremost experts on mining. For 10 points -- name this engineer and humanitarian, who was also the 31st President of the United States?

Answer: Herbert Hoover

BONUS American Railroads have been nationalized several times in history:

A. During this war the railroads were nationalized and run by the United States for the first time?

Answer: World War I

B. This President, to prevent a strike, let the army run the railroads for over a year?

Answer: Harry S. Truman [from Aug. 27, 1950 through 1952]

C. This is the better known name of the 1971 Congressional creation, the National Passenger Railroad Corporation

Answer: Amtrak

2. Miscellaneous 2

TOSSUP Northeast of Uluru National Park and Ayers Rock, gold, copper, tungsten, and mica are mined in the town important as a telegraph station on the overland route from Adelaide to Darwin. For 10 points -- name this terminus of the Central Australian Railroad.

Answer: Alice Springs

BONUS Identify the following Australian cities by their harbours for 10 points each:

A. Port Phillip Bay

Answer: Melbourne

B. Botany Bay

Answer: Sydney

C. Gulf of St. Vincent

Answer: Adelaide

3. Religion/Mythology/Philosophy

TOSSUP In the early church, this anathema pronounced against heretics involved loss of goods or exclusion from the Christian community. Bishops did this to their own subjects. For 10 points-- what religious proclamation befell Emperor Henry IV, and King Henry VIII?

Answer: excommunication

BONUS Richard Gere is a publicist of the Tibetan people's persecution. Answer the following questions about Tibetan Religion for 15 points each:

A. What is the title of the religious leader of Tibet?

Answer: Dalai Lama

B. Between the death of one Dalai Lama and the enthronement of another, who is the spiritual ruler of Tibet?

Answer: Teshu Lama

4. Science - Biology/Anthropology/Paleontology

TOSSUP Pueblo Bonito in this civilization's Chaco Canyon rose five stories, and throughout the settlement were a number of kivas, meeting places that served a ceremonial purpose, while the pueblo itself was surrounded by smaller dwellings and structures. After the sixth century, its residents abandoned hunting and gathering in favor of agriculture. Chaco Canyon may have been the capital of -- for 10 points -- what mysterious civilization, dubbed by the Navajo the "ancient ones.".

Answer: Anasazi

BONUS Name the controversial man 30-20-10

A. (30) He is actually 350 bone fragments which form a nearly complete skeleton with only the sternum and a few small bones of the hands and feet missing.

B. (20) A tall, slender, muscular man, he didn't have a flattened head as some Indians were known to. His weight-bearing bones show only minimal arthritis, and he ate anadromous fish.

C. (10) He was found in July, 1996, below the surface of Lake Wallula, a pooled part of the Columbia River behind McNary Dam in Washington State.

Answer: Kenniwick Man

5. History Europe

TOSSUP If she's innocent she will drown; if she's guilty she will float and we will burn her. Prohibited by the Fourth Lateran Council – for 10 points what is this primitive means used to determine guilt or innocence by submitting the accused to dangerous or painful tests believed to be under supernatural control?

Answer: Trial by Ordeal

BONUS Fans of the Avalon Hill game Kingmaker may recognize these places in English geography, for 10 points each

A. The collective name of Hastings, Romney, Hythe, Dover, and Sandwich, and later Rye and Winchester, they were granted a charter by Edward I but the charter was abolished in 1835.

Answer: Le Cinque Ports

B. The counties of Chester, Lancaster, Durham, Kent, Shropshire, Pembrokeshire, and Hexhamshire had this designation, owing to frontier status in old England.

Answer: County Palatine

C. They were finally united under King Aethelstan who reigned from 925 to 940, although at no single time were they seven independent English Kingdoms?.

Answer: Heptarchy

6. Literature US

TOSSUP Recent theory suggests he might be an African American passing as white. A rich World War I veteran, he has had romantic interludes with Daisy, who then married Tom. For the rest of the story, he tries to get her back. For 10 points -- name this Great F. Scott Fitzgerald character.

Answer: Jay Gatsby

BONUS Identify these F. Scott Fitzgerald books for 5 points, and their protagonist for 10 points:

A. The protagonist grew up in Minnesota, went to Prep School in Connecticut, and attended Princeton, where he rose to the top of his class and the peak of arrogance at all sites, fights in the War, loves, loses, and gets drunk?

Answer: This Side of Paradise, Amory Blaine:

B. It centered around Hollywood film mogul and is the last Fitzgerald work

Answer: The Last Tycoon, Monroe Stahn

7. History World /Ancient

TOSSUP Its marble seats have disappeared and it has been damaged by weather and vandals. Built in Rome under the Flavian emperors, construction began between AD 70 and 72 while the structure was officially dedicated in AD 80 in a ceremony comprising 100 days of games. Later, in AD 82, the uppermost story was added to this amphitheater. For 10 points -- name this structure, measuring 190 by 155 meters and seating 50,000.

Answer: the Flavian amphitheatre or Colosseum

BONUS For 10 points each -- name The Three Flavian Emperors who oversaw construction of the Colosseum?

Answer: Vespasianus (69-79), Titus (79-81), Domitianus (81-96)

8. Art/Architecture/Photography

TOSSUP This German worked in the family stone-carving business before developing his architecture. Influenced by Peter Behrens, Russian Constructivism, and De Stijl, he later became director of the Bauhaus. For 10 points -- what architect of Chicago's Lake Shore Drive Apartments employed the dictum "Less is More"?

Answer: Ludwig Mies Van der Rohe

BONUS: Identify the architects of these Chicago structures for 10 points each:

A. This architect and planner often worked with John Root, he is famous for New York's Flatiron Building and Chicago's Reliance Building.

Answer: Daniel Burnham

A. Two of his draftsmen include Louis Sullivan and Daniel Burnham. He designed the prototype skyscraper completed in 1885, The Home Insurance Building.

Answer: William LeBaron Jenney

B. The tallest building in Chicago, the Sears Roebuck Tower, was designed by what largest of architectural firms?

Answer: Skidmore, Owings, and Merrill

9. Literature English Language

TOSSUP He wrote a political handbook on the eve of World War I entitled *The New Machiavelli*. His writings on politics, including the *Outline of History* are outweighed however, by his science fiction, what Verne called "scientifically implausible ideas." For 10 points -- who wrote *The Time Machine*, *The Island of Dr. Moreau*, *The Invisible Man*, and *The War of the Worlds*.

Answer: Henry George Wells

BONUS What man wrote the following works with Human in the title:

A. The Principles of Human Knowledge?

Answer: George Berkeley

B. Inquiry Concerning Human Understanding?

Answer: David Hume

C. Essay on Human Understanding?

Answer: John Locke

10. History Recent

TOSSUP This country does not have a written constitution but rather 11 basic laws. Conscription is enforced on all but Yeshiva students, but that soon will change. For 10 points name this country, the largest recipient of American foreign aid, which recently withdrew from Lebanon.

Answer: Israel

BONUS Answer these related questions:

A. This Siberian region bordering China with 176,000 people occupies an area of 36,000 sq km in the basin of the middle Amur River. Founded like Israel, as a home for Jews, this 1934 settlement in the Soviet Union, did not produce a similar mass Jewish migration. Today Russian and Ukrainian settlers heavily outnumber the Jews

Answer: Yevreyskaya (accept EVREISKAIA or BIROBIDZHAN or JEWISH) autonomous oblast (province)

B. This tory from 1887 to 1891 was Chief Secretary for Ireland in his uncle Lord Salisbury's Government. In 1917 as Foreign Minister he made the fateful decision giving a Jewish national homeland in Judea and Samaria.

Answer: Arthur James Balfour, First Earl of Balfour

C. Ironically of Jewish descent himself, in 1483 he became the Grand Inquisitor for Castille and Leon, and later the rest of Spain and in 1492 persuaded Isabella I and Ferdinand VI to expel the Jews and Moslems.

Answer: Tomas de Torquemada

11. Science - Physics Chemistry

Originally dubbed "eonite" after the indestructible material in the comic strip Little Orphan Annie, it was made into a greasy dark green film. Developed by Ralph Wiley at Dow, this material's clingy covering made an ideal addition to the kitchen. For 10 points -- name this device, the answer for which hopefully, like the wrap itself, is now clear.

Answer: Saran (wrap)

Identify the devices by their commonly known acronym for 15 points each:

A. Charles Townes and James Gordon constructed this device in which a generator, called a Klystron excited a beam of ammonia molecules by emitting radiation at microwave frequencies. When the ammonia molecules relaxed, they emitted microwaves at a specific identical frequency.

Answer: MASER

B. In 1957 Townes teamed with Arthur Schawlow of Bell Labs to devise a version, which would amplify light rather than microwaves. By what acronym, given by Gordon Gould, do we now know this device?

Answer: LASER

12. Music/Dance Film/Stage

TOSSUP George Lucas's use of R2D2 and C3PO borrowed from his *The Hidden Fortress*. Quentin Tarantino's *Pulp Fiction* adopted his pioneering telling of stories from multiple perspectives as in *Rashoman*. For 10 points, name this Japanese Director of *Ran* and *Throne of Blood*

Answer: Akira Kurosawa

BONUS In addition to remaking Shakespeare and Dostoevsky classics, Kurosawa has had several films remade into westerns, given the Kurosawa film, give the remake for the stated number of points:

A. (10) Yojimbo

Answer: A Fistful of Dollars

B. (5) The Seven Samuari

Answer: The Magnificent Seven

C. (5,5,5) Three sequels were made of The Magnificent Seven, for 5 points each, name them

Answer: Return of the Seven, Guns of the Magnificent Seven, The Magnificent Seven Ride!

13. Math - Computer Science Engineering

TOSSUP Days before the mission, backup pilot Charlie Duke exposed the crew to German measles. At five and a half minutes after liftoff, the crew felt a vibration and the center engine of the second stage shut down two minutes early. While it was supposed to land in the Fra Mauro area, an explosion on board forced it to circle the moon without landing. With a crew including Fred W. Haise, Jr., John L. Swigert, Jr., and James A. Lovell, Jr., -- for 10 points -- name this ill-fated mission turned into a movie starring Tom Hanks, Gary Sinise, and Kevin Bacon.

Answer: Apollo 13

BONUS Answer these questions about the moon landing for 5 points per answer:

A. (5,5,5) On what month, day, and year did the Eagle land on the Sea of Tranquility?

Answer: July 20, 1969

B. (5,5,5) Who were the three astronauts?

Answer: Edwin E. "Buzz" Aldrin, Neil A Armstrong Jr. , Michael Collins

14. Economics/Business/Government/Political Science

TOSSUP Founded in 1958, since 1979, each nation's members have been elected by voters for five-year terms. Comprised of 626 members, it convenes monthly in Strasbourg France, while many committees meet in Brussels. It is most important for its budget powers. For 10 points name this consultative-legislative branch of the European Union.

Answer: European Parliament

BONUS What are the legislative branches of the following Governments called:

A. Japan

Answer: Diet

B. Germany

Answer: Bundestag or Bundesrat

C. Iceland

Answer: Althing

15. Science - Geology/Astronomy/Meteorology/Archeology

TOSSUP Now replaced by the Vickers or Knoop scales, it was devised in 1812. It scratches one substance with another, known substance, and determines whether abrasion takes place. For 10 points -- name this scale of hardness.

Answer: Mohs Scale

BONUS The Mohs scale of hardness lists 10 common minerals in their relative order of hardness: Place these in order from softest to hardest: Gypsum, Corundum, Fluorite, Topaz, Orthoclase, Quartz, 5 points for each in correct position.

Answer gypsum (2), fluorite (4), orthoclase (6), quartz (7), topaz (8), corundum (9) (Mohs number in parentheses)

16. Psychology/Sociology/Linguistics

TOSSUP Serving three million children, it is the number one youth organization in terms of philanthropy. It distinguishes itself from other youth organizations in that it has actual buildings with professional staff where kids can go after school and on weekends. Founded in 1860 in Hartford, Connecticut -- for 10 points -- name this youth organization endorsed by Colin Powell.

Answer: Boys & Girls Club,

BONUS In ancient times, there were no after-school programs like the Boys and Girls Club, but there were schools. What philosopher founded the following schools:

A. The Academy

Answer: Plato

B. The Lyceum

Answer: Aristotle

C. The Garden

Answer: Epicurus

17. Geography

TOSSUP If it became independant of France, it might take the name the Republic of Kanaky, as the Kanaks are the largest population group, forming a plurality of the approximately 145,000 people. France has troops on this island, which neighbors the Vanuatu group. For 10 points -- what is this island nation whose name means New Scotland?

Answer: New Caledonia

BONUS What are the better known names of the following Asian Rivers for 10 points each:

A. Chang Jiang or Jin Sha

Answer: Yangtze

B. Huang He

Answer: Yellow

C. Yarlung

Answer: Brahmaputra

18. Literature Foreign

TOSSUP

"WAKE! For the Sun, who scatter'd into flight

The Stars before him from the Field of Night, "

So begins the Fitzgerald translation of a collection of verses attributed to a Persian mathematician, philosopher and astronomer who lived from ca. 1048 - 1122. For 10 points -- name these poems penned by Umar Khayyam

Answer: Rubaiyat of Umar Khayyam.

BONUS Scheherazade told the stories collected as The Thousand and One Arabian Nights. For 10 points each, answer these questions:

A. Who uses his wishes to win the hand of the Sultan's daughter?

Answer: Aladdin

B. Who opens the door of the theives cave with the password "Open Seseme"

Answer: Ali Baba

C. Who leads a voyage to what they thought an island but turned out to be a whale?

Answer: Sinbad the Sailor

19. Sports Popular Culture

TOSSUP Comprising sugar, corn syrup, gelatin and potassium sorbate, it is aerated in a vat and pumped into a machine. Manufactured by the Just Born company, appropriately based in Bethlehem Pennsylvania, the product was acquired in 1953 from Rodda. For 10 points -- name these five-to-a-row attached bird-like Easter candies.

Answer: Peeps

BONUS 30-20-10 Name the Date

A. (30) Aldous Huxley's death was kept off the front pages

B. (20) "Dr. Who" premiered that night in England

C. (10) John F. Kennedy assassinated by Lee Harvey Oswald and a mystery man in the bushes?

Answer: November 22, 1963

20. History US

TOSSUP They were fought in the early 1800s because several North African states required the United States to pay protection money. However, when one of those states increased the sum, Thomas Jefferson sent Stephen Decatur and the Navy to the Mediterranean, where they forced abandonment of tribute. Other states demanded tribute until 1816 when Decatur again prevailed. For 10 points -- name this series of conflicts.

Answer: The Barbary Wars

BONUS Name these parties to the Barbary Wars for the stated number of points:

A. (5,5) What two countries were paid \$800,000, given a frigate, and an annual tribute of \$25,000 in 1795?

Answer: Algiers and Tunis

B. (10) What country declared war June 10, 1801 against the United States and accepted peace June 4, 1805?

Answer: Tripoli

C. (10) American's conflict with this North African nation over the Gulf of Sidra in 1986 may have been the Third Barbary War.

Answer: Libya

Emergency Tossup 13

They believed that the whole of existence was a struggle between two gods: the god of light, goodness, and spirit, usually associated with Jesus and the God of the New Testament; and the god of darkness, evil, and matter, identified both with Satan and the God of the Old Testament. Satan imprisoned the soul in the human body. Failure to achieve righteousness during one's lifetime would result in the soul's being born again as another human being or as an animal. For 10 points, what group, named for a town in southern France, held such heretical beliefs until being suppressed by a crusade launched by Pope Innocent III.

Answer: Albigenses

It was founded in London, England, on June 6, 1844, by George Williams, a sales assistant in a draper's shop to substitute Bible study and prayer for life on the streets. By 1851 there were 24 of these in Great Britain, with a combined membership of 2,700. Now serving thirty million members worldwide with a variety of athletic services and dormitories -- for 10 points -- name this organization favored by the Village People.

Answer: Young Men's Christian Association

He served with distinction in the Mexican War and later the United States Civil War. It was then he made his fame, securing Kentucky, serving under Grant at Shiloh and Vicksburg, and heading the Army of the Tennessee. From 1869 to 1883 he was in command of the entire Army. For 10 points -- who is this older brother of a famous Ohio politician?

Answer: William Tecumsah Sherman

Emergency Bonus 13

BONUS Answer these questions about Mexican Geography for 10 points each:

A. What Bay is formed by the Mainland of Mexico and the Yucatan Peninsula?

Answer: Bay of Campeche

B. What Gulf is formed by the Mainland of Mexico and Baja California?

Answer: Gulf of California

C. What is the highest point in Mexico?

Answer: Citlaltepetl

BONUS Who wrote the following once-fashionable best-selling management books, for 10 points each:

A. *Theory Z*

Answer: William G. Ouchi

B. *Up the Organization*

Answer: Robert Townsend

C. *The One Minute Manager*

Answer: Kenneth Blanchard and Spencer Johnson (either acceptable)

BONUS. Saratoga was a turning point in the war of American independence. Answer these questions about the battle of Saratoga, for 10 points each:

A. Under what General were Daniel Morgan, Enoch Poor, and Ebenezer Learned fighting at the Battle of Saratoga?

Answer: General Horatio Gates

B. Who surrendered to General Gates in October of 1777?

Answer: General Burgoyne

C. What is an alternate name of the Battle of Saratoga?

Answer: accept either Freeman's Farm or Bemis Heights