

TOSSUPS

1. She has set several milestones, including an American record for longevity in space. FTP, who was this first American woman to work on the Mir space station?

(Shannon LUCID)

2. It includes The Country Doctor and Cousin Pons. A forerunner of naturalism, it includes over 2000 characters in a panorama of life in France. FTP, what was the collective name given to the entire corpus of his work by Balzac?

(The HUMAN COMEDY or La COMEDIE HUMANE)

3. A new one is made for each pope. It bears his name, encircling a figure of St. Peter. FTP, what is the name of this object, destroyed on the Pope's death, and used during life to attest papal documents?

(RING OF THE FISHERMAN or FISHERMAN'S RING--prompt for more information on "Ring")

4. Herodotus claimed they came from Lydia in Asia Minor. They were both hated and feared by the Romans, whom they ruled until 509 BC. FTP, what was this non-Italic race of Northern Italy, in the area of modern Tuscany?

(ETRUSCANS)

5. It is not so long since the details of the chemistry of photosynthesis were worked out. The 1961 Nobel prize in chemistry was given to the U.S. scientist who led the investigation. FTP, who was this scientist with a rhyming name, who sounds like he could be a theologian or a defunct comic strip kid.

(Melvin CALVIN)

6. This philosopher argued that our expectation that the future will be like the past--for instance, that the sun will rise tomorrow--has no basis in reason and is purely a matter of belief. Accordingly, he attacked rational theology in The Natural History of Religion and Dialogues Concerning Natural Religion. FTP, who is this Scottish philosopher and historian, best known for An Enquiry Concerning Human Understanding?

(David HUME)

7. This capital was founded in 1721 by a Norwegian missionary. Nearby, you may find the remains of Vesterbygd, a 10th century settlement, as well as large reindeer herds. FTP, what is this capital and largest town of Kalalit Nunaat, formerly known as Godthaab?

(NUUK--prompt for more information on early buzz of 'Godthaab' )

8. The umbrella tree, the cucumber tree and the tulip tree belong to this genus. It includes both deciduous and evergreen trees and shrubs, generally bearing showy flowers. FTP, what is this genus of primitive angiosperms, closely identified with the antebellum South?

BONI

1. Four verse dramas were written in the late 1930's by a pair of collaborators. FTP each, identify the two authors of *The Dog Beneath the Skin*, *The Ascent of F6*, *On the Frontier*, and *Journey to a War*.

(Christopher ISHERWOOD and Wystan Hugh AUDEN)

2. The Medici family was like a Renaissance Bill Gates: its tentacles were everywhere.  
A. For ten points each, name any two of the three popes from the Medici family.

LEO X, LEO XI, CLEMENT VII)

B. For 10 more points, name either of the two queens of France from the Medici family.  
(CATHERINE de Medici, MARIE de Medici)

3. 30-20-10, name the word.

A. It is the title of an essay by Poe which presents the universe as a mystic and material unity; in it, Poe posits the possibility of non-Euclidean geometry.

B. It is the name of cities in California, Montana and Missouri, as well as the name of a journal of engineering design excellence.

C. It is an exclamation associated with the purity of the gold in Hiero's crown.

(EUREKA)

4. Not all evolutionary theories have been accepted. Identify the following for ten points each:

A. In 1801, this Frenchman based his proposal of the mechanism for species divergence upon the erroneous assumption that acquired characteristics could be inherited

(Jean LAMARCK)

B. This Soviet agronomist refused to believe in genes on ideological grounds, and forced other scientists to support his Lamarckian views, setting Russian science back decades.

(Trofim D. LYSENKO)

5. 30-20-10, identify the city.

A. It contains the Hofkirche and Furstenberg Castle.

B. It is the capital of the Tyrol province of Austria.

C. It was the site of the Winter Olympics in 1964 and 1976.

(INNSBRUCK)

6. Identify the Young for a stated number of points.

A. (5) Led the Mormon church on the great migration to Utah (BRIGHAM)

B. (5) Won 511 baseball games, including 3 no-hitters. (CY or DENTON)

C. (10) Tenor sax player in Fletcher Henderson's and Count Basie's bands (LESTER)

D. American astronomer who proved the sun's corona is gaseous (CHARLES)

7. (Moderator--give visual bonus #7 handout) FTP each, identify the sign of the zodiac represented by these symbols:

A. (LEO) B. (SCORPIO) C. (VIRGO)

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8. 30-20-10, identify the musician.

- A. Bartok's Sonata for Solo Violin was written for him.
- B. Born in New York City, he became a British citizen in 1985.
- C. He began playing the violin at age 4 and made his professional debut at age 7.  
(Yehudi MENUHIN)

9. FTP@, identify these acts of Parliament essential to Canada's existence and independence.

- A. The 1867 Act which unified the Canadian provinces and created the Dominion of Canada.  
(the BRITISH NORTH AMERICA Act)
- B. This Act superseded the British North America Act in 1982, making Canada a fully sovereign state.  
(CANADA Act or CONSTITUTIONAL ACT OF 1982)

10. This architect, born in 1859 in Ohio, exerted considerable influence on the development of the skyscraper with his 1913 design of the Woolworth Building. Among other notable buildings he designed are the US Treasury Annex, the US Chamber of Commerce, and the Supreme Court Building. For 25 points, name this now largely-forgotten architect.

(Cass GILBERT)

11. Identify the following as drupes, multiple, aggregates or accessory fruits, for 5 points each.

- A. Blackberry (AGGREGATE)
- B. Apple (ACCESSORY)
- C. Strawberry (ACCESSORY)
- D. Pineapple (MULTIPLE)
- E. Peach (DRUPE)

12. For 10 points each, given a major key, you give the relative minor.

- A. C Major (A MINOR)
- B. E Major (C SHARP MINOR)
- C. F Major (D MINOR)

13. For 15 points each, identify these characters from the Mahabharata:

- A. The eldest son of the Pandavas, who ultimately wins the war for the succession and takes the throne (YUDHISHTIRA)
- B. Yudhishtira's younger brother, who gains the hand of Draupedi and brings her home as the wife of all five brothers.  
(ARJUNA)

14. Answer the following regarding the Magna Carta.

- A. (5) In what year was it signed? (1215)
- B. (5) Where was it signed? (RUNNYMEDE)
- C. (10) Who was the leader of the rebellious barons? (Stephen LANGTON)
- D. (10) What pope suspended Langton for forcing the king to sign the Magna Carta, and thereby incited a civil war?  
(INNOCENT III)

15. Some states have deserved reputations as crop producers. Within 5 percent, FTP@, what percentage of the total US production of these crops comes from the named state?

- A. Iowa-corn (18.99%--accept 13.99 to 23.99)
- B. North Carolina-tobacco (36.40%--accept 31.40 to 41.40)

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C. Potatoes-Idaho (29.66%--accept 24.66 to 34.66)

16. FTP each, identify these stock characters of the Commedia Del Arte.  
A. A shrewd, vivacious and coquettish maidservant (COLUMBINE)  
B. Father of Columbine, he is an emaciated old man in slippers (PANTALOON)  
C. Sweetheart of Columbine, he wears a mask and particoloured tights, and carries a wooden sword. (HARLEQUIN)

17. FTP each, what is the phrase "anointed one" in the following languages:  
A. Hebrew (MASHIAH or MESSIAH)  
B. Greek (CHRISTOS or CHRIST)

18. Consider two points, A and B. The distance between A and B equals  $2x$ , with  $x$  being greater than zero. Consider then a point P, moving such that  $PA \cdot PB = y^2$ , where  $y$  is constant and  $y^2$  is greater than  $x^2$ . For 15 points, what figure is traced out by the motion of P?  
(CASSINI OVAL)  
For 15 more points, what is the name of the figure 8 which is traced out if  $x=y$ ?  
(LEMNISCATE OF BERNOULLI)

19. 30-20-10, identify the president.  
A. The Department of Commerce and Labor was established under his tenure.  
B. He wrote The Naval War of 1812.  
C. He ordered the successful antitrust suit against the Northern Securities Company.  
(\_T\_heodore/\_T\_eddy ROOSEVELT)

20. For 5 points each, identify whether these islands are British dependencies, Dutch possessions, French departments or US possessions.  
A. Turks and Caicos Islands (BRITISH)  
B. Curacao [CURE-ah-sow] (DUTCH)  
C. Guadeloupe (FRENCH)  
D. Cayman Islands (BRITISH)  
E. Aruba (DUTCH)

21. For a stated number of points, identify the Richard Wright work from which these characters come.  
A. (5) Bigger Thomas (NATIVE SON)  
B. (10) Big Boy and Reverend Taylor (UNCLE TOM'S CHILDREN)  
C. (15) Jake and Lil (LAWD TODAY)

22. For 5 points each, which is larger:  
A. A liter or a quart? (LITER)  
B. A mile or a nautical mile (NAUTICAL MILE)  
C. An Imperial gallon or a US gallon (IMPERIAL GALLON)  
D. An acre or a hectare (HECTARE)  
E. A metric ton or a long ton (LONG TON)

23. John C. Calhoun found the theoretical basis for his doctrine of nullification in two 1798 resolutions named after the states which adopted them.  
A. F5P@, what are those two states?  
(KENTUCKY and VIRGINIA)

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B. FTP, who wrote the Kentucky Resolution? (Thomas JEFFERSON)

C. FTP, who wrote the Virginia Resolution? (James MADISON)

24. Passion plays developed in the 13th to 16th centuries, and are still common. The most famous began in a village in Bavaria and is performed every ten years, in gratitude for escape from a plague epidemic. FTP, identify the Bavarian village, and for 20 points give the year it began--10 points if you are within 10 years.

(OBERAMMERGAU, 1633 (20); 1623-43 (10))

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(MAGNOLIA)

9. His poetry, influenced by zen buddhism and American Indian cultures, celebrates the peace in nature and decries its destruction. This beat poet lived in Japan from 1956 to 1968. FTP, who is this Pulitzer Prize-winning author of Myths and Texts, and Turtle Island?

(Gary SNYDER)

10. The result was 108,000 casualties. On September 7, 1812, Napoleon's grand army met General Kutuzov's forces at a small village. FTP, what was the name of this battle just west of Moscow, immortalized in War and Peace?

(Battle of BORODINO)

11. These organs, if inflamed, can cause a variety of diseases, including Goodpasture's syndrome, Bright's disease and lupus. FTP, what are these organs, which, if inflamed, are said to be nephritic?

(KIDNEYS)

12. With 363 wins, he is the winningest lefthanded pitcher in the major leagues, and fifth on the all-time list. In 1942 he joined the Boston Braves, and returned to the Braves after World War II. He soon developed into one of the best pitchers in baseball. FTP, who was this pitching great who also played for the Milwaukee Braves?

(Warren SPAHN)

13. Like Beethoven, this composer went deaf. Unlike Beethoven, this composer died in a madhouse. During life, he had produced a patriotic opera, The Brandenburger in Bohemia, and helped create a national style of Czech music. FTP, who is this composer of The Bartered Bride and The Moldau?

(Bedrich SMETANA)

14. Passed in 1914, it prohibited price discrimination and rebates as well as interlocking directorates, and also legalized certain strikes and boycotts. FTP, identify this amendment intended to strengthen and clarify the Sherman Antitrust Act?

(CLAYTON Act)

15. Although it is based on a 13th century Chinese play, it opens in Russia after World War II, and deals with a dispute between two communes over a valley. The author likens the situation to a Solomonic dispute over a child, who is placed in a circle and its competing parents required to pull the child out. FTP, what is this 1944 Bertolt Brecht play which takes place in the region between the Black Sea and the Caspian Sea?

(The CAUCASIAN CHALK CIRCLE)

16. The granizeros (grah-nee-SAIR-ohs) of Amecameca (ah-may-cah-MAY-cah) say that there is little to worry about; the volcano is merely irritated. Scientists are not so sure since the volcano awoke from dormancy in December 1994. FTP, what is the name of this volcano, a disaster in the making, 50 miles from the 20 million people of Mexico City?

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(POPOCATEPETL but accept POPO, the common name in Mexico)

17. "We have found a common cause, and it's your money." This was the reason given for the 20th anniversary reunion of, FTP, what band, led by Johnny Rotten?

(SEX PISTOLS--on an early buzz, prompt for more information on Johnny Rotten or John Lydon)

18. His poetry is traditional in form, but deals with racial themes. In addition to a novel, *One Way to Heaven*, he published several verse collections, including *The Ballad of the Brown Girl* and *The Black Christ*. FTP, identify this leading member of the Harlem Renaissance.

(Countee CULLEN)

He was influenced by Masaccio, Fra Angelico and Donatello, and was in turn the teacher of Botticelli. Among his best known works are the *Madonna with Saints*, and the *Virgin and Child with Saints and Angels*. FTP, who was this Florentine monk, whose departure from the monastery inspired a Robert Browning poem.

(Fra Lippo LIPPI or Fra Filippo LIPPI)

19. In the Old Testament, he was the eldest son of Isaac and Rebekah. His name means, "covered with hair" and his brother impersonated him by wearing an animal skin. FTP, name this Biblical character who sold his birthright for a mess of pottage.

(ESAU)

20.  $E \text{ sub } k \text{ equals } h \text{ v minus } w$ , where  $h$  is Planck's constant,  $v$  is the frequency and  $w$  is the surface work function for photoemission. FTP, this is a statement of what law formulated by Einstein?

(Einstein's PHOTOELECTRIC law)

21. Commissioned by Secretary of Defense Robert McNamara in 1967, they filled 47 volumes. Among other findings were that secret wars were being fought in Laos. FTP, what was the name of this study, made public by Daniel Ellsberg?

(the PENTAGON PAPERS)

22. The common theme is the ritual of the hunt. Among the stories included are *The Fire and the Hearth*, *Pantaloon in Black* and *Delta Autumn*. FTP, what is this Faulkner collection of short stories, which contains, *The Bear*?

(GO DOWN, MOSES)

23. Also known as carbonyl chloride, its formula is  $\text{COCl}_2$  (READ: see-oh-see-ell two]. A colorless reactive gas, it is made by a catalytic combination of carbon monoxide and chlorine, and is sometimes used to make resins and dyes. FTP, what is this highly toxic gas, used as a poison gas in World War I?

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(PHOSGENE)

24. According to some, he was the 12th imam, who disappeared in 873. Others believe that he is Muhammed Ahmed, who is said to be sleeping in a cave until he will rise and overthrow the Antichrist. FTP, what is this title of the expected messiah of the Moslems?

(MAHDI)