

1. Its code name while under development was "Oxcart", chosen from a list of deliberately misleading names. At high velocities and altitudes its epoxy skin tends to turn bluish, rather than the color which earned it the nickname "Blackbird." FTP, name this American aircraft.

A: Lockheed SR-71

2. The properties behind this object's functioning had been understood since at least 1643, when Torricelli invented the mercury barometer. However, the first one was not constructed until 1892 by Sir James Dewar. FTP, give the modern name of this invention once known as "Dewar's flask".

A: the THERMOS bottle

3. He was a Russian painter who lived most of his life in France. Two prominent works include *I and the Village* and *Rabbi of Vitebsk*. FTP, name this artist, who often explored Jewish life and folklore in fantastic and symbolic ways.

A: Marc CHAGALL

4. This is a channel of blood vessels encircling regions at the base of the brain, and includes the anterior and posterior communicating arteries. FTP, name this ring-like structure that sounds like it was named for a Todd Bridges character.

A: the CIRCLE OF WILLIS

5. The name's the same: The Klingon moon that was destroyed in *Star Trek VI: The Undiscovered Country*, or a band featuring Cherokee, Buckethead, and most prominently Bernie Worrell of Parliament and Funkadelic fame.

A: PRAXIS

6. Nathaniel Hawthorne changed the spelling of his last name in order to distance himself from an ancestor who had played a significant role in what he considered a shameful chapter of American history. That ancestor, a Judge Hathorne, later appeared as a character in, FTP, what 20th-century play?

A: *THE CRUCIBLE* by Arthur Miller

7. He was a noted Hebrew scholar, and in 1809 he published a lexicon of the Hebrew language, but he is better known for his classic 1823 Yuletide poem, "A Visit From St. Nicholas." FTP, name him.

A: Clement Clark MOORE

8. To form the set that bears his name, begin with the closed interval between 0 and 1, and remove the middle third. Continue by removing the middle third of each of the remaining segments, and so on a infinite number of time. FTP, name this mathematician famous for his work in the transfinite realm.

A: Georg CANTOR

9. This Chilean is considered by many to be the foremost Latin American poet of the 20th century. Some of his works include *Odas Elementales*, *Crepusculario*, and *Residencia en la Tierra*. FTP, name this literary genius whose real name was Neftali Reyes Basualto.

A: Pablo NERUDA

10. Two answers needed! The Sill Route and the Canyon Route are two proposals for a "fixed link" between these two nations. FTP, name these countries that are on different continents but are only 14 kilometers apart at their closest point.

A: SPAIN and MOROCCO

11. This literary device is a fantastical allegory that reveals coming events or hidden realities. FTP, give the name of this device, more commonly used as a term for the end of the world.

A: APOCALYPSE

12. Segments of this TV program included "Tom Slick", about an oafish race-car driver; "Super Chicken", about a crimefighting scientist; and also one starring the title character of the show, a klutzy do-gooder with a predilection for colliding with trees. FTP, name this show, the basis for a 1985 Weird Al Yankovic tune.

A: GEORGE OF THE JUNGLE

13. The figure of speech with the technical name "paronomasia" has a more familiar name as well. Books have been written collecting instances of its use. FTP, name this figure of speech, some of whose most famous practitioners are Bennet Cerf, Groucho Marx, and Lewis Carroll.

A: PUNning

14. FQTP, name the first black, male or female, to be pictured on a United States postage stamp.

A: Booker T. WASHINGTON

15. These odd little animals lived entirely on orchids and could become invisible at will. FTP, name these fictional creatures, a mainstay of the *Popeye* comic strip, who share their name with a World War II motor vehicle.

A: JEEP(s)

16. *Something Happened*, *Good as Gold*, *We Bombed in New Haven*, *God Knows*, and *Picture This* are among his lesser known works. FTP, name this American author who wrote *Closing Time*, the sequel to *Catch-22*

A: Joseph HELLER

17. *My Fair Lady* wins Best Picture, *Ranger 7* photographs the Moon's surface, Malta achieves independence, the Head Start program is initiated, and LBJ is elected president, all FTP, in what year?

A: 1964

18. Liz Stride, Kate Eddowes, Annie Chapman, Mary Ann Nicholls, and, finally Mary Kelly were all prostitutes. However, they were also, FAQTP, victims of what infamous British homicidal maniac?

A: JACK THE RIPPER

19. It states that the direction of induced electromotive force is such that it will produce a current that creates a magnetic flux to oppose the change in magnetic flux through a loop. FTP, name this physical law.

A: LENZ's law

20. FQTP, who was the first person to run as a Populist candidate for President in the United States?

A: James B. WEAVER

21. The Greek *Philippics* were named for their target, King Philip of Macedonia. But, FTP, whom were Cicero's *Philippics* aimed at?

A: Mark ANTONY (accept Mark Anthony, or Marcus Antonius)

22. FQTP--Breton, Pictish, Manx, Cornish, Welsh, Gaelic, and Irish are all members of what related group of tongues?

A: CELTIC

23. To find prime numbers, write consecutive positive integers starting with two, then cross out all multiples of two, then multiples of three, and eventually all multiples of numbers that have not yet been crossed out, until those left are primes. FTP, name of this method, which is a filtering process?

A: the SIEVE OF Eratosthenes

24. Members of the cat family are known for several features, among which are retractable claws. But, FTP, which great cat boasts the exception of non-retractable claws?

A: the CHEETAH

25. Born in England in 1866, she wrote over 30 books in her career. Some of her less famous characters include Jeremy Fisher, Squirrel Nutkin, and Jemima Puddle-Duck, but her best known character was a lagomorph. FTP, name her.

A: Beatrix POTTER

26. A ferrule is not, as one might guess, a just law, but it is something you have probably seen and held in your hand countless times, particularly at school. FTP, where would you find a ferrule?

A: on a PENCIL (it's the metal piece below the eraser)

1. (30) FTP each, answer these questions about the Statue of Liberty:

a) What is the statue's full name?

A: LIBERTY ENLIGHTENING THE WORLD

b) What president presided over its inauguration ceremonies in 1886?

A: Grover CLEVELAND

c) What Emma Lazarus poem is the source of the "huddled masses" inscription?

A: "THE NEW COLOSSUS"

2. (30) Name the author, 30-20-10.

30--With Raleigh and Essex, he took part in two hit-and-run expeditions against Spanish possessions.

20--Ben Jonson said that he would "perish for lack of being understood".

10--"Death, be not proud" is the opening phrase from his "Holy Sonnet 10".

A: John DONNE

3. (30) You've been waiting for it all along--the 80s music bonus. Name the bands for 10 points each given an album title; 5 points if I also have to give a single from that album.

a) 10--*Kilroy Was Here*

5--"Mr. Roboto"

A: STYX

b) 10--*Knee Deep in the Hoopla*

5--"We Built This City"

A: STARSHIP (NOT Jefferson Starship)

c) 10--*Too-Rye-Ay*

5--"Come On Eileen"

A: DEXY'S MIDNIGHT RUNNERS

4. (25) Much of our knowledge of the astronomical practices of the pre-colonial Maya civilization comes from books of records and calculations known as codices. For 5 points each and 5 for all correct, name the four surviving Maya codices (hint: they were named after the European cities in which they were studied)

A: the PARIS, DRESDEN, MADRID, and GROLIER Codices

5. (30) Name the composer from the works, 30-20-10.

30--*Belshazzar*

20--*Judas Maccabaeus*

10--*The Messiah*

A: George Frederick HANDEL

6. (30) For the stated number of points, answer these questions on *2001: A Space Odyssey*.

(5) Name the vessel that David Bowman is a crew member on.

A: DISCOVERY

(10) Name the Discovery crew member who dies by being propelled into the inky blackness of space.

A: Frank POOLE

(15) Give the official designation of the monolith discovered on the moon.

A: Tycho Magnetic Anomaly -1

7. (20) When constructing a Fourier series for a function with a jump discontinuity, the maxima and minima of the nth partial sums of the Fourier series near the jump overshoot the function by an amount greater than the jump itself. For 20 points, what is the name of this occurrence?

A: GIBBS' PHENOMENON

8. (30) Plant cells contain structures called "proplastids" from which any of a class of organelles known as "plastids" can develop. For 5 pts. each, name the six varieties of plastid.

A: amyloplasts, chloroplasts, chromoplasts, elaioplasts, proteinoplasts, etioplasts

9. (20) Given a unit, tell me what it measures, for 5 pts. each. For example, if I said "Newtons," you'd say "force."

a: slug

A: MASS

b: Tesla

A: MAGNETIC FIELD

c: Weber

A: MAGNETIC FLUX

d: Henry

A: INDUCTANCE

10. (30) For 10 pts. each, given the Elvis movie, name his leading lady

a: *Change of Habit*

A: Mary Tyler MOORE

b: *Fun In Acapulco*

A: Ursula ANDRESS

c: *Viva Las Vegas*

A: ANN-MARGARET

11. (25) Lobes, lobes, everywhere! No, this isn't a Ferengi question--for five points each plus five for all correct, name the four lobes of the human brain.

A: TEMPORAL, OCCIPITAL, FRONTAL, PARIETAL

12. (30) I'll give you an ill-advised political quote and date, and you give me the speaker, 10 points each:

a. 1967: "A fellow like me would never be mayor of this great city without a Democratic party."

A: Richard DALEY

b. 1980: "It's wonderful to see all these beautiful white faces...I mean black and white faces."

A: NANCY REAGAN

c. 1965: "Killing, rioting, and looting are contrary to the best traditions of this country."

A: Lyndon JOHNSON

13. (30) If there's one thing I notice about Greek mythology, it's that it's chock-full of people turning into things. For 10 pts. each, I'll give you a mythological character and you give their final form

a: Daphne

A: LAUREL tree (Prompt if just "tree" is given)

b: Tithonus

A: GRASSHOPPER

c: Niobe

A: ROCK

14. (25) The strip of land now known as the Oklahoma Panhandle was settled as early as 1866. In 1877, the squatters sent a delegate to Congress to petition for recognition. However, the bills died in committee. For 25 pts, name this territory, incorporated by Congress in 1889 into the Oklahoma territory.

A: the CIMARRON Territory

15. (30) Music theory party! Given that you're using a major scale, when I give you the a note in the scale, tell me the quality of the seventh chord built on that note. For example, if I said "1st degree" you'd say "Major 7th"

a: 2nd degree

A: MINOR Seventh

b: 5th degree

A: DOMINANT Seventh OR MAJOR-MINOR Seventh

c: 7th degree

A: minor seventh flat five or HALF-DIMINISHED Seventh

16. (25) In 1901, the US and Britain agreed that any canal built from the Atlantic to the Pacific would be built jointly. For fifteen points, name the treaty containing those terms.

A: HAY-PAUNCEFOTE Treaty

At first, Roosevelt favoured a route across, FTP, what other country, which would necessitate a longer canal, but eliminate the need for locks.

A: NICARAGUA

17. (25) Rank the following five planets from lowest surface gravity to highest, for five points each: Saturn, Earth, Mercury, Neptune, Jupiter.

A: Mercury, Earth, Saturn, Neptune, Jupiter

18. (30) 30-20-10. Name the philosopher.

30: His family were close friends to Johann Brahms, and at least one of Brahms' major works was premiered at his home.

20: During his early life, he decided to move to an isolated village in Norway for two years to avoid distractions.

10: He is the author of the *Tractatus Logico-Philosophicus*.

A: Ludwig WITTGENSTEIN

19. (20) Given the editorial abbreviation, give the Latin word or words it stands for. For example, if I said "e.g." you would say "exempli gratia." Five point each.

a: i.e.

A: ID EST

b: n.b.

A: NOTA BENE

c: v.

A: VIDE

c: ibid.

A: IBIDEM

20. (30) 30-20-10. Name the poet from the works.

30: Astrometaphysical

20: Never Again Would Birds' Song Be The Same

10: New Hampshire

A: Robert FROST

21. (30) 30-20-10. Name the actor from the roles.

30: Rasmussen in the *Star Trek: The Next Generation* episode *A Matter of Time*

20: The protagonist of the CBS sitcom *Doctor, Doctor*.

10: *Max Headroom*

A: Matt FREWER

22. (30) Given a level of Government, name the type of tax it derives the most revenue from, for ten points each.

a: Federal

A: INCOME

b: State

A: SALES

c: Municipal

A: PROPERTY

23. (30) Name the football player, 30-20-10:

30) Born in 1903, he attended the University of Illinois, where he was a three-time All-American and ran for over 3600 yards.

20) In the NFL, he helped the Chicago Bears win 3 division titles and an NFL championship in three years.

10) He was nicknamed "the Galloping Ghost."

A: Red GRANGE.

24. (30) I'll give you the original name of the Pope, and you give me the name, but NOT the number, he took upon ascending to the papacy. For example, if I said "Karol Wojtyla", you would say "John Paul"

a: Eugenio Maria Giuseppe Giovanni Pacelli

A: PIUS (XII)

b: Angelo Roncalli

A: John (XXIII)

c: Albino Luciani

A: JOHN PAUL (I)

25. (30) For the stated number of points, name the nation from the description of its flag.

(5) diagonal gold stripe connecting both pairs of opposite corners, forming 4 triangles, of which the left and right are black and the top and bottom green

A: JAMAICA

(10) 11 horizontal red and white stripes, with a blue square in the upper left-hand corner and one white star in the square

A: LIBERIA

(15) 5 horizontal stripes, a thick blue one in the middle bordered by thinner white ones on either side and red ones on the top & bottom

A: THAILAND

26. (20) FTP each, name the individual from the information about a body part removed before his burial.

a. One of his fingers is kept in the Museum of Natural History in Florence, pointing toward the sky

A: GALILEO Galilei

b. His brain was cut up in 1955 and sent to numerous destinations in the U.S.

A: Albert EINSTEIN