

1. FAQTP, name this Chinese dynasty, the last to be ruled by an ethnically Chinese family which is also well-known for its vases.

A: MING

2. FAQTP, how many autosomal chromosomes does the normal human being have in his or her cell nuclei?

A: FORTY-FOUR

3. Born in 1802 and died in 1742, he was the composer of the *Six Contrary Dances*, the *1712 Overture*, *Oedipus Tex*, and *Preludes and Fugues for the Short-Tempered Clavier*. FTP, name this fictional last son of Johann Sebastian Bach.

A: P.D.Q BACH

4. Six times nine is 54 of course, but only if you're in base 10. FTP in which base does six times nine equal forty-two?

A: 13

5. Leonard Nimoy decided not to appear in the new *Star Trek* film, which means he missed his chance to join Patrick Stewart and Whoopi Goldberg in a film, right? Wrong. The three of them all appear in what other recent film, a partially animated movie directed by Christopher Lloyd?

A: *The* PAGEMASTER

6. "Mammal", "Spider", "Dead", "Fingertips", "Twisting", and "Letterbox" are all, FTP, songs by what former musical duo, who have gotten a full band for their latest album, *John Henry*.

A: THEY MIGHT BE GIANTS

7. FAQTP, how many dynasties have there been in Japan since its founding?

A: ONE

8. In Canada, the administration of Prime Minister MacDonald was brought down in 1873 by allegations of illegalities in the awarding of contracts to build, FTP, what northern transcontinental railroad?

A: CANADIAN PACIFIC

9. For centuries, the Catholic Church maintained a list of books that its followers were not allowed to read or even own. Last updated in 1948, this list lost its importance in 1966, when the Vatican II reforms made its recommendations no longer mandatory. FTP, give the name of this list

A: THE INDEX

10. One of these two California observatories is located on Mt. Palomar, the other on Mt. Wilson. FTP, give the joint name of these two sites run by Cal-Tech and the Carnegie Institute.

A: HALE Observatories

11. As of January 1995, one on-line service has access not only to Los Angeles and Dallas daily papers but also to the Gannett Suburban Newspapers, a group of 10 daily papers from the New York area. FTP name this rival to America On Line.

A: PRODIGY

12. The state of Maine went to war with Canada in 1838 over the boundary between itself and New Brunswick. Fortunately the war had no casualties before it was settled by the Webster-Ashburton Treaty, which determined possession of, FTP, what valley, which lent it's name to the low key war?

A: AROOSTOOK

13. Ouch! Not in there! FTP, give the word that describes the dangerous type of pregnancy where the fertilized egg implants itself in the fallopian tube.

A: ECTOPIC

14. Edward de Vere, earl of Oxford, Roger Manners, earl of Rutland, William Stanley, earl of Derby, and Henry Wriothesley, earl of Southampton. All of these men had one thing in common besides being earls. Their names have come up as possible candidates as the real authors of, FTP, what Englishman's works

A: William SHAKESPEARE

15. Legend has it that, as a lad, Henry of Navarre was approached by an old Frenchman who told him he would one day be king of France--unlikely given Henry's slim claim to the throne. But it turned out to be true in the end, which may be due to the fact that the old man was what famed 16th century prophet?

A: Michel NOSTRADAMUS

16. No one ever accused Pop music of being particularly original. So it's probably no surprise that Game, Book, Sea, Glory, Colour, Method, Power and "Sowing the Seeds" all become song titles when followed by what heavily used two words?

A: OF LOVE

17. The last name's the same: The supposed original author of *The Princess Bride* and Mary Richard's best friend Rhoda (on the early 80's TV shows). FTP give the shared name

A: MORGENSTERN

18. This chemical principle states that, for qualitative purposes, chemical equilibria can be treated as mechanical equilibria. FTP, name the principle or it's French proposer.

A: LE CHATELIER'S Principle

19. It has the same dimensions as pressure, but it isn't exactly pressure. In fact, it's just a property invented to determine the Gibbs energy of a non ideal fluid as the pressure approaches zero. FTP name this property, the bane of chemical engineers everywhere.

A: FUGACITY

20. Many believe that Voltaire based his character of Dr. Pangloss on this 17th and 18th century German philosopher and mathematician. FTP, name this man, who was an independent discoverer of calculus?

A: Gottfried Wilhelm von LEIBNITZ

21. Many movies have been forced to cut scenes to win a desired rating. But this movie had to resubmit a publicity poster, which initially featured a model clad in only a boa. FTP, name this 1994 Robert Altman film by either one of it's titles.

A: PRET-A-PORTER (PRET -ah-pour-tay) or READY TO WEAR

22. He was an Army General who wrote to his wife of how he was besieged by advice to storm his own capital and take control of the Government. However, this Union Army general couldn't handle the real Rebels, and Lincoln fired him. FTP, name this Civil War general.

A: George MCCLELLAN

23. If you're like me, you may have once thought that neapolitan ice cream was named after Napoleon, not the city of Naples. However, neither of these names will help you much when I ask you to spell "neapolitan," which I'll do right now.

A: N-E-A-P-O-L-I-T-A-N

24. This country is bordered by four "seas" though two of them are more properly termed lakes. Some of its cities include Rehovot, Ashkelon, Tiberias, Eilat and Jaffo. FTP, name this nation, which achieved independence in 1948.

A: ISRAEL

25) Though she only learned to read after the age of seven and talk after the age of ten, she graduated from Radcliffe cum laude in 1904. She once spoke as a vaudeville act and was also one of the founders of the American Civil Liberties Union. FTP, identify this legendary woman, subject of the Miracle Worker.

A: HELEN KELLER

26) Their members include Doug Hopkins, Bill Leen, Phillip Rhodes, Jesse Valenzuela, and Robin Wilson. FTP, name the music group whose oft-aired songs include "Hey Jealousy" and "Found out About You" and who hail from Tempe, Arizona.

A: GIN BLOSSOMS

27) This word is used to describe members of the group of people who spoke Indo-European, especially those that spread into Northern India. It is ironic therefore that Nazi propagandists used its meaning to mean a non-Jewish Caucasian of Nordic origin. FTP, name this word.

A: ARYAN

1. (20) *Little Women* is probably the most well-known of all of Louisa May Alcott's novels. However, she has written two sequels which continue the story of the March family. For ten points each, name them.

A: LITTLE MEN and JO'S BOYS

2. (20) Anyone who has read Richard Feynman's *Surely You're Joking Mr. Feynman*, and *What Do You Care What Other People Think?* know of most of Feynman's little adventures in life. However, neither of these books mentions the last adventure he undertook. FTP, name the part of the former USSR that Feynman and his colleague Ralph Leighton tried to go to.

A: Tanna TUVA

For another ten points, why did they want to go there?

A: Because it's CAPITAL (Kyzyl) has NO TRUE VOWELS in it.

3. (20) Given the four phases of mitosis, but them in order so that you begin with one cell and end up with two. The phases are metaphase, telophase, anaphase, and prophase. Five points for each correct answer.

A: PROPHASE, METAPHASE, ANAPHASE, TELOPHASE

4. (20) He has invented the game of *Sprouts and Life*, as well as a method for calculating, in order, all the prime numbers. In a few days, he'll begin teaching a course based on his book *On Numbers and Games*. For 20 points, name this Princeton mathematician

A: John Horton CONWAY

5. (30) In many movie titles, people are doing things to other people. Some of them are perfectly normal, others are not. FTP each, given the first half of the movie title, complete it with the appropriate name.

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|----------------|--------------------|
| a) Eating | <u>Raoul</u> |
| b) Looking for | <u>Mr. Goodbar</u> |
| c) Boxing | <u>Helena</u> |

6. (30) FTP each, identify the property illustrated by the following equations.

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|---|----------------------|
| a) $a = 3D b$ and $b = 3Da$ | A: <u>SYMMETRY</u> |
| b) $a = 3Da$ | A: <u>REFLEXIVE</u> |
| c) $a = 3Db$ and $b = 3Dc$ imply that $a = 3Dc$ | A: <u>TRANSITIVE</u> |

7. (20) If you've been to California recently, you may have noticed a certain dampness. Time to build an ark? Well ,maybe if the rain keeps up. For now, answer the following questions about the Biblical story of Noah's Ark.

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|---|--------------------|
| (5) On what mountain did the ark finally land? | A: <u>ARARAT</u> |
| (5) In what present day country is this mountain located? | A: <u>TURKEY</u> |
| (10) On what day of the month did the landing take place? | A: the <u>17TH</u> |

8. (20) Mick Jones can be rather hard to follow, especially since his bands can't seem to hang onto their names. However, Jones first achieved fame with a different group. For twenty points, name this group, which released albums such as *London Calling* and *Combat Rock*?

A: THE CLASH

9. (20) It's almost impossible to get anywhere from Princeton without running into one or the other of those East Coast highways, Route 1 and I-95. Answer these questions about the two roads FTP each. First, which cities in Maine and Florida does I-95 run between?

A: HOULTON (Maine) and MIAMI (Fl.)

Secondly, Route One runs past I-95 out onto the Florida Keys. Which of the two roads extends further North?

A: ROUTE 1

10. (20) New York, Los Angeles, and Chicago are the three most populous US cities. For five points each, plus five for placing them in descending order, name the next three most populous US cities.

A: HOUSTON, PHILADELPHIA, SAN DIEGO

11. (30) The longest home winning streak in NCAA Division I men's basketball was at the University of Kentucky, a streak which went for 12 years. First, for 10 points, how many games did this streak include, within 5?

A: 129 (accept 124-134)

Second, which two schools have the nation's current longest and second longest streak of home wins, although they're nowhere near the all time record?

A: INDIANA University, University of MASSACHUSETTS or UMASS

12. (25) When the Pope went to the Philippines, many people turned out to see him. (10) How large, to the nearest million, was the crowd at the Pope's last Mass in Manila, the largest crowd to ever attend one of his masses?

A: 4 million

(15) This crowd was twice as large as the previous record for a mass held in what Polish city, where John Paul II had previously been Archbishop?

A: CRACOW

13. (20) Before Kate Mulgrew got the part of Captain Janeway on *Star Trek: Voyager*, another actress held that part for two days. FTP name the actress that first held the part.

A: Genevieve BUJOLD

Changing the captain is an old tradition in the *Star Trek* world however. FTP name the actor first hired for the role of captain in the original series

A: Jeffrey HUNTER

14. (30) 30-20-10 Name the man.

30) He published "Experimental Research in Electricity" in 1839

20) That paper involved his account of the discovery of electromagnetic induction

10) The SI unit of capacitance is named for him

A: FARADAY

15. (30) 30-20-10 name this author by her works.

30: *Les memoires d'une jeune fille rangee*

20: *Les Mandarins*

10: *The Second Sex*

A: SIMONE de BEAUVOIR

16. (30) Lots of people know the Greek alphabet from the beginning. But in this case you'll need to know it backwards as well. For five points each, give the last six in reverse order.

A: OMEGA, PSI, CHI, PHI, UPSILON, TAU

17. (20) The famous English diarist, Samuel Pepys, kept an extensive journal between the years 1660 and 1669. Decide whether each of the following events could have been recorded in his diary for 5 points each

a) Oliver Cromwell dies

A: NO

b) "Paradise Los" is published

A: YES

c) Henry Purcell's "Dido and Aeneas" is performed

A: NO

d) The Great Plague hits London

A: YES

18. (30) Odysseus spent years wandering the Mediterranean, running into all sorts of unusual people. Arrange the following characters of *The Odyssey* in chronological order based on the order in which he encountered them: Scylla and Charybdis, Calypso, Polyphemus, Circe.

A: CALYPSO, POLYPHEMUS, CIRCE, SCYLLA AND CHARYBDIS

19. (30) Much of the time, authors are not happy people. In fact, many of them haven't written a happy word in their life. For 10 points each, identify the "Angry Young Men" who wrote the following works.

a) *Look Back in Anger*

A: John OSBORNE

b) *The Loneliness of the Long Distance Runner*

A: Alan SILLITOE

c) *Lucky Jim*

A: Kingsley AMIS

20. (30) Bible readers know that Joseph was one of twelve brothers. Others include Naphtali, Gad, Issachar, Ashar, and Zebulun. For five points each, name Joseph's six other brothers, founders of the Twelve tribes of Israel.

A: JUDAH, REUBEN, LEVI, SIMEON, DAN, Benjamin

21. (25) There are seven books of the Old Testament beginning with J, the most of any letter. But the letter E is close, as 5 Old Testament books begin with that letter. For five points each, name them

A: EXODUS, EZRA, ESTHER, ECCLESIASTICUS, EZEKIEL

22. (30) Some people, like Harry S. Truman, have middle initials that don't mean anything at all. Others have really strange middle names that, for some reason, they never seem to use much. Given the middle name of a famous person, give me their surnames for 15 points each.

a) Schwenck

A: William S. GILBERT

b) Sydenstricker

A: Pearl S. BUCK

23. (30) If you need help with your job, you can always seek supernatural inspiration. FTP each, identify which of the Greek muses each of the following would pray to to improve their forte.

a) James Galway

A: EUTERPE

b) Carl Sagan

A: URANIA

c) Jake Johanssen

A: THALIA

24. (20) In the late 1880's the Ghost Dance became popular among many Plains Indians who wanted a new world where the dead lived again and the white man did not exist. FTP each, give me the name and tribe of the Prophet of this movement, which culminated in the Wounded Knee massacre.

A: WOVOKA, PAIUTE

25. (25) Given the Andrew Lloyd Webber song, identify the musical it came from for the stated number of points.

(5) "Another Suitcase in Another Hall" A: EVITA

(10) "Only You" A: STARLIGHT EXPRESS

(10) "Old Deuteronomy" A: Cats

26) For the stated number of points, name the authors of these patriotic songs:

(5) "The Star Spangled Banner" A: FRANCIS SCOTT KEY

(10) "America the Beautiful" A: KATHERINE LEE BATES

(15) "America" A: SAMUEL FRANCIS SMITH