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1. In 1909, while working at the University of Chicago, he succeeded in measuring the charge of an electron by performing the oil-drop experiment that now bears his name. FAQTP, name this scientist who then calculated the mass of the electron by using his value for the charge, and the charge-to-mass ratio.

Answer: Robert _Millikan_

2. Appropriately enough, "sesquipedalian" (ses-qui-pu-day-lee-un) is a long word, which is exactly what it means. FTP, can you spell this long word?

Answer: _S-E-S-Q-U-I-P-E-D-A-L-I-A-N_

3. This city, located in the former East Germany, was the site of the 1813 Battle of the Nations in which Napoleon was defeated by the allied armies of Austria, Russia, Prussia, and Sweden. FTP, name this city whose population is approaching three-quarters of a million.

Answer: _Leipzig_

4. Saba, Saint Eustatius, Bonaire, southern Saint Maarten, Curacao, and Aruba all make up, FTP, what autonomous Dutch territory?

Answer: _Netherlands Antilles_

5. He lived from 1856 to 1940 and was appointed professor of physics at Cambridge University when he was not quite 28 years old. In 1897, he measured the ratio of the electrical charge to the mass of the electron using a cathode-ray tube. FTP, name this British scientist who was awarded the Nobel Prize in physics in 1906 for his characterization of the electron.

Answer: J. J. _Thomson_

6. It's not hard to name the author of _The Divine Comedy_. But, FTP, can you name the author of the 1834 play _The Undivine Comedy_?

Answer: Count Zygmunt _Krasinski_

7. It may have been buried on a mount where Solomon's Temple once stood, carried off to Babylon or buried in a cave near the River Hordan. FTP, identify this gold-laden box said to house the ten commandments.

Answer: The _ark_ or _aron_ of the covenant.

8. Scholars believed that its origin lies in earlier depictions of Roman emperors as

sun gods. FTP, identify this artistic symbol associated with Christ, Mary and other Christian figures.

Answer: Halo

9. FTP, this quantity can be described as the "square root of the average of the squares of a number of speeds."

Answer: Root-mean-square or RMS speed

10. Murdered in 661 C.E., this islamic leader was the cousin and son-in-law of Muhammad. FTP, identify this, the last of the rightly guided Caliphs who shares his name with an American boxer.

Answer: Ali

11. Dogs can be trained to smell many things--from drugs to land mines. Recently, Dr. Armano Cognetta and a co-worker trained a schnauzer to sniff for this fastest growing and often deadly type of cancer, which is mostly due to growing legions or moles.

Answer: Melanoma or skin cancer

12. According to folklore, a traveller encounters the corpse of a debtor. He pays off the debt and gives the corpse proper burial, and then goes on his way. Later, the traveller is met by the spirit of the deceased, who rewards him for his generosity. FTP, give the term for this kind of spirit, also known as the name of the band famous for "Rosemary", "Casey Jones", and "Truckin".

Answer: Grateful Dead

13. Madeleine Albright presently has the official rank and status of "Ambassador Extraordinary and Plenipotentiary". Past holders of her office include James Wadsworth, Arthur Goldberg, Jeane Kirkpatrick, and George Bush. FTP, name this post whose holder can often be found voting in the General Assembly in New York.

Answer: U.S. Representative or Ambassador to the UN

14. The son of a poor Irish weaver, he began teaching at the age of 12, and spent many years teaching both grammar school and college in Manchester, England. FTP, name this schoolteacher whose love of chemistry led to the development of an atomic theory that postulated elements are composed of atoms, which cannot be created nor destroyed in chemical reactions, and that compounds form when elements combine.

Answer: John Dalton

15. A national festival with attendance of over 90,000, a 24-hour telephone hotline, an explosion of salsas, teriyaki sauces, and even ice cream, and a San Francisco restaurant called "The Stinking Rose," are all, FTP, signs of the latest craze for what bulb guaranteed to drive away vampires?

Answer: _garlic_

16. A rectangular matrix with all nonzero rows above each row of all zeros, the leading entry in each row in a column to the right of any leading entry in a row above it and all entries in a column below a leading entry are zero.

Answer: _echelon matrix (or row echelon matrix)_

17. In July 1994, this American restaurant opened their 9,000th store worldwide, and their 28th in China. The event was noted with festivities, as dozens of Chinese youngsters dressed in white suits, white wigs, moustaches, goatees, and glasses performed the "Colonel Sanders Chicken Dance" in honor of, FTP, this restaurant's supposed founder.

Answer: _K_entucky _F_ried _C_hicken

18. 1791 was an important year for the Jewish diaspora. Nearly 300 years after Jewish expulsion from Spain, what European country, FTP, became the first to recognize Jews as full citizens?

Answer: _France_

19. This Confederate general served as minister to Turkey from 1880-1881. Because he joined the Republican party, he was seen as being traitorous to the Southern cause and consequently his popularity plummeted after the war as many Southerners blamed him for the defeat at Gettysburg. However, during the war his men adored him and nicknamed him 'Old Pete'. He was wounded at the Wilderness in 1864 but returned to surrender with Lee at Appomattox. FTP, name him.

Answer: James _Longstreet_

20. This character was first created by George W. Trendle and Fran Striker in 1933 for radio. He made the move to TV in 1949 where he was played by Clayton Moore. This character's real name was John Reid. He also made the William Tell Overture famous. FTP, name the person whose most famous saying was "Hi, Ho, Silver, away!"

Answer: The _Lone Ranger_

21. This Roman Emperor became ill seven months into his reign and this might explain his deranged mind. He was born Gaius Caesar but was given nickname 'Little Boot' by soldiers of his father, Germanicus. His father, mother, and two elder brothers were believed to have been killed on orders from the preceeding emperor so its easy to see why he was so fond of his sisters and kept them close by at all times. FTP, name the emperor whose most famous mad deed probably never happened, appointing his horse to be consul.

Answer: _Caligula_

22. The name's the same: the slave of the Biblical Sarai, who was impregnated by Abram and bore a child, Ishmael, and, FTP, the Viking of comic strip fame.

Answer: _Hagar_

23. This chemical substance was originally produced by means of electrolysis, but is now made by way of fractional distillation. It is made up of deuterium, a hydrogen isotope with mass double of ordinary hydrogen, and oxygen and has an atomic weight of 20. Its main use is as a moderator in nuclear power plants. FTP, name it.

Answer: _heavy water_

24. This Roman writer was born in southern Gaul circa 56 and died circa 120. In the year 97, he served as consul under the emperor Nerva. His early works include Germania and Agricola, a biography of his father-in-law. He is most noted for his later works which include the Histories which deal with Rome from 69-96 and the Annals of Imperial Rome which covers the period from 14-68. FTP, name him.

Answer: _Tacitus_

25. The great Athenian hero Theseus and his friend Pirithous attempted to carry off this woman to be the latter's wife. However, her husband found out and had them sit on Chairs of Forgetfulness where they remained until rescued by Hercules. This wasn't the first attempted abduction for this daughter of Zeus and Demeter. The first one succeeded, though, when she was taken by Hades, lord of the underworld. FTP, name this woman whose departure to the land of the dead is said to be the cause of the change in seasons.

Answer: _Persephone_ (per-sef-uh-nec)

26. This island nation was first sighted by Europeans under Pedro Fernandez de Quiros in 1606. Starting around 1868, French and British colonists started to arrive where the original inhabitants were Melanesian. It was granted independence by both France and Britain in 1980 with its capital at Vila on the island of Efate. FTP, name this

Pacific island nation formerly known as the New Hebrides.

Answer: _Vanuatu_

27. This weather period is brought on when a cool, shallow, polar air mass stagnates and becomes a deep, warm, high-pressure centre where vertical air movements are inhibited causing smoke and dust to concentrate near the ground. The nights are cool with the possibility of frost. The days are hazy with light winds and are warmer each succeeding day. FTP, name this period whose most common time in the U.S. is late October or early November.

Answer: _Indian summer_

28. He is 7 feet 3 inches tall, and has one of the top field goal percentages in the NBA as well as a 3pt. field goal percentage above 40%. FTP, name this thirtysomething rookie center for the Portland Trailblazers, who was a former star of the Soviet basketball team.

Answer: Ardvindis _Sabonis_

St. Olaf 1996 Elvis

BONI

(30)1. The Great Lakes were formed during the last stages of the Pleistocene Ice Age. They assumed their present form only after a series of five stages named after ancestral lakes present during that period. For five points for each lake placed in the correct order, and five extra points for all correct, rank the five stages in order from earliest to most recent: Lake Algonquin stage, Lake Duluth stage, Lake Maumee stage, Nipissing stage, and Lake Whittlesey stage.

1. Maumee
2. Whittlesey
3. Duluth
4. Algonquin
5. Nipissing

For an additional 5 points, name the lake that was the ancestor of the Great Salt Lake of Utah.

Lake Bonneville

(30) 2. FTP each provide the words that match the following descriptions of their origin.

A. Despite its complimentary nature in English, this word comes from French and originally was allied to prestidigitation and meant juggling tricks or illusions.

Answer: Prestige

B. This word derives from a Greek word which best translated means "house manager." I doubt Milton or J.M. would like the definition.

Answer: Economist

C. This word which is closely related to amnesia is literally a request to have someone forget a transgression.

Answer: Amnesty

(30) 3. Identify the year, 30-20-10.

A. Typhoid Mary was discovered by G.A. Soper.

B. The term Muckrakers was coined by Teddy Roosevelt in a public address.

C. The Hepburn Act was adopted for stricter railroad regulation.

Answer: 1906

(30) 4. FTP each, give the name of each of the following Jewish holidays.

A. It ends the Ten Days of Penitence and is the holiest of holy days.

Answer: Yom Kippur

B. This minor festival celebrates the events related in the book of Esther.

Answer: Purim

C. The festival is known as the "Feast of weeks" and follows seven weeks after the 2nd day of Passover.

Answer: _Shavuot_

(30) 5. In 1972 the UNESCO founded the World Heritage Convention to recognize sites with 'universal value.' FTP each provide the country that is home to the following WHC sites.

A. Pueblo de Taos

Answer: _United States_ or equivalent

B. Los Glacians and Iguaza National Park

Answer: _Argentina_

C. Willandra Lakes Region and Fraser Island

Answer: _Australia_

(30) 6. Given a work, name the feminist who wrote it, FTP apiece.

A. _The Feminine Mystique_

Answer: Betty _Friedan_

B. _The Beauty Myth_

Answer: Naomi _Wolf_

C. _(Gyn)Ecology_

Answer: Mary _Daly_

(30) 7. For five points apiece, give me the first names of the six characters on the T.V. series Friends.

Answer: _Ross, Rachel, Phoebe, Monica, Chandler, Joey_

(30) 8. I bet you can rattle off the winners of the Nobel Prize in Literature, and the Pulitzer Prize in fiction, but do you know the winners of the U.K.'s Booker Prize? I'll give you the year and the author, and you tell me the title, FTP each.

A. 1990-A.S.Byatt

Answer: _Possession_

B. 1989-Kazuo Ishiguro

Answer: _The Remains of the Day_

C. 1978-Iris Murdoch

Answer: _The Sea, The Sea_

(25) 9. This is the only Big Ten school to ever win back to back national championships in football. In fact they accomplished the feat twice during the first half of the century. For 25 points, name them.

Answer: Minnesota

(20) 10. Most people are familiar with the captains of Star Trek, but do you know their first officers? Given a description and their captain, name the first officer. (5 pts each)

A. Captain Kirk's first officer in the original series, this Vulcan's most famous line is "Fascinating". He is also known for having green blood and having his heart where his liver should be.

Answer: Spock

B. Captain Picard's first officer in the Next Generation, this first officer's most famous line is "Red Alert!". He also grew a beard after the first season and never lets Picard go on an away mission.

Answer: William T. Riker

C. Captain Sisko's first officer on Deep Space Nine, this Bajoran is a major in the Bajoran militia. She fought the Cardassians as a terrorist during the Cardassian occupation of Bajor and still harbors a grudge against them.

Answer: Major Kira

D. Captain Janeway's first officer, this American Indian is the newest addition to the cast of first officers. Before joining Voyager, he served as a member of the Maquis, a terrorist group upset at Cardassian atrocities in the demilitarized zone.

Answer: Chakotay

(30) 11. There are seven NCAA Division I-A football programs that have a winning percentage above .700. Notre Dame has the highest with .756. For 5 pts each, name the other six.

Answer: Michigan, Oklahoma, Alabama, Ohio State, Texas, USC or Southern Cal

(30) 12. Name the character from Virgil's Aeneid. (10 pts each)

A. The father of Aeneas, he was lucky enough to sleep with Venus, the goddess of love.

Answer: Anchises (an-ky-sees)

B. The queen of Carthage, she fell in love with Aeneas and married him. When he left to go to Italy, she was despondent and killed herself.

Answer: Dido (die-do)

C. Aeneas' rival in Italy, this man also wanted to marry Lavinia so he started a war with the Trojans and their allies until he was killed in single combat by Aeneas.
Answer: _Turnus_

(25) 13. For 25 pts, name the most visited national park in the United States.

Answer: _Great Smoky Mountains_ National Park

(30) 14. Given a king of England and the year he gave up the throne, whether through death or any other means, name his successor. (10 pts each)

A. John 1216

Answer: _Henry III_

B. Richard II 1398

Answer: _Henry IV_

C. James I 1625

Answer: _Charles I_

(30) 15. Given the Senate committee, name the Republican chair FTP each.

A. Banking, Housing, and Urban Affairs

Answer: Alfonse _D'Amato_

B. Appropriations

Answer: Mark _Hatfield_

C. Agriculture, Nutrition, and Forestry

Answer: Richard _Lugar_

(30) 16. With sweeps month soon approaching, we need to start worrying about our favorite shows going the way of Punky Brewster. Fans of the next three shows need not worry, however. For 10 pts each, name in order, the top three prime time TV shows from September 1994 to April 1995.

Answer: _Seinfeld_, _E.R._, _Home Improvement_

(30) 17. Since we're at the University of Wisconsin-Madison, perhaps a question about illicit drugs is appropriate. FTP apiece, given the technical name of a drug, provide its common name.

A. MDMA

Answer: Ecstasy or E

B. Mescaline

Answer: peyote or cactus buttons

C. Phencyclidine

Answer: PCP or angel dust

(25) 18. Oxford, Cambridge, both or neither. Give the following college names tell if they belong to Oxford, Cambridge, both or neither. 5 pts each with a five pt. bonus for all correct.

A. Corpus Christi

Answer: both

B. St. Peter's

Answer: Oxford

C. St. Paul's

Answer: Neither

D. Pembroke

Answer: both

(20) 19. Born in 1573 in London, this architect is responsible for introducing the Palladian style to England. Two of his more famous works are the Queen's Greenwich home (1616) and the Banqueting House in Westminster Abbey. For 25 pts., name this architect who shares his first name with a character from The Princess Bride.

Answer: Inigo Jones

(30) 20. 30-20-10 identify the country from the clue.

30) After being "Administered" by South Africa until 1985, this country gained complete independence in 1990.

20) This former German protectorate has only ten percent of its citizens adhering to the animist religions belief that once dominated.

10) The Ovambo African that largely inhabit the area live predominately inland from the desert located west of its capital Windhoek.

Answer: Namibia

(30) 21. A plane can intersect a cone in only six distinct ways--resulting in conic sections. For 5pts each, and a 5pt bonus for all correct, name the five conic sections other than a point.

Answer: line, hyperbola, parabola, circle, and ellipse

(30) 22. 30-20-10 Identify the author, who hails from Long Beach, give a work or

his/her list of works.

- 30) _Why are We in Vietnam?_ and _Existential Errands_
- 20) _The Faith of Graffiti_ and _Portrait of Picasso as a Young Man_
- 10) _Harlot's Ghost_ and _Oswald's Tale_

Answer: Norman _Mailer_

(25) 23. The brothers were both born near the beginning of the 14th century and died, most likely as a result of the Plague of 1348 in Siena. Pietro is known for such works as the Birth of the Virgin and Deposition. Ambrogio's greatest legacy is undoubtedly his Allegory of Good and Bad Government in the town hall of Siena. For 25 pts, provide the last name of these brothers who dominated Sienese art for a quarter century.

Answer: Lorenzetti

(25) 24. This particle was first produced by Emilia Segre and Owen Chamberlain in the 1950's by hitting copper with high-energy protons. Its existence was postulated as early as the 1930's, but technology had to advance. FTP, name this particle that has the same mass as a proton but with a negative electric charge.

Answer: _antiproton_