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Jaz PITT: Tim, Greg, Penney

Toss Up Questions

T1: James T. Kirk is the captain of the starship Enterprise. FTP, what does the "T." stand for?

A: Tiberius

T2: FTP, what major world event halted the use of the gold standard?

A: World War I

T3: In 1932, a revolution in this country ended centuries of absolute monarchical rule. FTP name this country.

A: Thailand

T4: FTP, what 12th Century missionary is credited with beginning the tradition of the Christmas Tree?

A: St. Boniface

T5: FTP, what is the name of the country that used to be called East Pakistan?

A: Bangladesh

Bonus Questions

✓ B1: Dungeons and Dragons, the fantasy role-playing game created by Gary Gygax, uses a set of 6 polyhedral dice. For 5 points each, give the specific geometric term for each die.

A: tetrahedron, hexahedron, octahedron, decahedron, dodecahedron, icosahedron

✓ B2: For five points each, name the last five dynasties of imperial China.

A: ~~Tang~~ ^{Han} Sung, Yuan, Ming, ~~Qing~~ Qing

B3: New York, Maine, and Washington State all share the Canadian border. For 5 points each, name the other 6 states that also border Canada.

A: Idaho, Montana, North Dakota, Minnesota, Vermont, New Hampshire

Alaska, more Mich(?)

B4: According to Freudian theory, a person goes through 6 developmental stages in life. For 5 points each, name them.

A: oral, anal, adolescence, phallic, latency, adulthood

Toss Up Questions

T1: A balloon is filled with 18 liters of an ideal gas at 1 atmospheric pressure and 0 degrees Celsius. A flame in the basket then heats the gas inside to 136.6 degrees Celsius while the balloon remains tethered to the ground. If the balloon is free to expand, FTP what volume will the balloon expand to fill?

A: 27 liters

✓ T2: This type of radio-wave emitting object was first observed in ¹⁹⁶⁰~~1965~~ [in the constellation Cygnus.] FTP give me the common name of this quasi-stellar object.

A: quasar

T3: Albert Einstein is commonly represented as the epitome of scientific achievement in the modern era. FTP, name the phenomenon he studied for which he received the Nobel Prize.

A: Brownian motion, photoelectric effect

T4: A computer has been used traditionally to solve problems by performing a series of operations on binary numbers held in its memory. Recent developments have made available a new method of electronic problem-solving in which a task is split up into sub-tasks, which are distributed and done simultaneously. FTP, name the term that describes this method of problem-solving.

A: parallel processing

T5: Although only somewhat similar to the modern version, FTP name the Greek philosopher known as the first ^{atomic} proponent of the atomic theory of matter.

A: Democritus ~~Democritus~~ ~~Democritus~~

T6: According to linguists, modern Spanish, Urdu, Swedish, Greek, Russian, Welsh, Italian, Icelandic, as well as English share a

common ancestor. FTP what is the name given to this language?

A: Proto-Indo-European

① T7: The Native American peoples may have crossed an Alaskan/Siberian land bridge and begun filtering south across North, then South America. FTP, in legends that agree with a journey from the North, what Aztec god instructed the Aztecs to build on the site of modern Mexico City?

A: Quetzacoatl
^

T8: The discovery of the structure of DNA is commonly credited to Watson and Crick. According to Watson, however, it may be that a fellow researcher unknowingly provided the X-ray data that held the key -- data that was memorized and hand-copied by Watson, then analyzed by the pair. FTP, name this often unsung heroine of the DNA story.

A: Rosalind Franklin

Bonus Questions

B1: For 5 points, name the only ^{American} ~~person~~ to win 2 Nobel Prizes, and for ten points each, name the categories for which he won the prize. ^{in different categories}

A: Linus Pauling, chemistry, peace

B2: Around 1986, a breakthrough in high temperature superconducting materials stimulated a flurry of research that continues today. Four 5 points each, name the 4 elements that form the base material for those high temperature superconductors.

A: yttrium, barium, copper, oxygen

① B3: The process of turning lead into gold was achieved at particle accelerators in this century. For 10 points each, give the atomic numbers of these 2 elements and the historical name of the theoretical element that would give one "The Midas Touch."

A: 82, 79, the philosopher's stone

① B4: Noah took two of every animal with him on the ark. FTP each, name his three sons that went along for the ride.

A: Ham, Shem, Japeth

B5: In his pioneering children's program, Jack ~~Beecham~~ regularly featured the adventures of a cartoon boy and his dog. For 10 points each, name the boy, the dog, and Beecham's television name.

A: Tom Terrific, Manfred the Wonder Dog, Captain Kangaroo

B6: Calculus is oft considered the bane of the student of the Humanities. FTP each, name the two men that are credited with inventing calculus but should have become painters or something.

A: Sir Isaac Newton and ^{Gotthard von} ~~Wolfgang~~ Leibniz

Ⓢ B7: The name of this Old World family is found in statistical mathematics and on computer storage devices that involve "flying" mechanical parts. For 5 points each, give the name of this French family, the names of the 3 most eminent members, and the family profession that stimulated such a thorough understanding of numbers.

A: Bernoulli, ^{Jakob I, Johann I, Daniel} ~~Davie~~, Bernard, gambling (or running a gambling house)

Toss Up Questions

T1: Orchids come in many colors. FTP what color orchid will you never see?

A: black

T2: A German psycho-analyst authored a book with the formidable title, "Patterns of Psycho-Sexual Infantilism." FTP name him.

A: Wilhelm Stekel

T3: A discovery in California set off the gold rush of 1849. FTP name the site of the discovery.

A: Sutter's Mill

T4: Of all surviving Native American tribes, FTP name the tribe which has never signed a treaty with the US Government.

A: Seminole(s)

T5: In 1938, off the coast of Madagascar, a fisherman caught a living specimen of a prehistoric creature thought by science to have been extinct. FTP name this animal.

A: coelacanth

T6: The process of gaseous diffusion is used to separate the uranium-235 isotope from the more prevalent uranium-238. FTP what gaseous uranium compound is most commonly employed in this process.

A: uranium tetrafluoride, or UF₄
hexa?

T7: The Gods of Ancient Greece punished Narcissus with a spell of obsessive self-love, for breaking the heart of, FTP, which poor nymph?

A: Echo

T8: Amelia Earhart gained the world spotlight as a pioneer of the skies. FTP what common noun refers to a female flier?

A: aviatrix

T9: FTP, what English verb is derived from the Latin for "send across?"

A: transmit

T10: Everyone knows that 1776 saw the signing of the Declaration of Independence. This year also marked the first publication of, FTP, what seminal work of classical history?

A: The History of the Decline and Fall of the Roman Empire

~~T11: In all the Americas, FTP what is the only country from whose shores one can watch the sun rise over the Pacific Ocean?~~

~~A: Panama~~

T12: For a quick ten, name the national sport of Canada.

A: lacrosse

T13: The literary canon is full of confessions. FTP who wrote the Confessions of an English Opium Eater?

A: Thomas deQuincey

T14: Samuel Johnson said of this man, "He does not talk from a desire of distinction, but because his mind is full." FTP, who was he?

A: Edmund Burke

T15: Drunks appear in literature both on the page and behind the typewriter. FTP, what writer said, "I attribute my style to a fifth a day?"

A: William Faulkner

T16: Benjamin Franklin fathered a number of illegitimate children. FTP, which one became Governor of New Jersey?

A: William Franklin

T17: For an easy 10 points, what country is home to Great Slave Lake?

A: Canada

T18: Carl Sandberg wrote a biography of him. FTP, what early photographer took one thousand exposures of the same cup and saucer in order to learn about light and shadow?

A: Edward Steichen (not Stieglitz)

T19: Molly Ringwold's father has a physical disability. FTP, what is it?

A: blindness

T20: Ernest Borgnine received an Oscar for Best Actor in 1955 for his performance in what film?

A: Marty

T21: In January, 1991, Congress voted to give President Bush the authority to use military force to oust Iraqi troops from Kuwait. FTP, how many US senators voted for and against this resolution?

A: 52 (for), 47 (against) * - Must give both figures.

T22: Keeping track of Gorbachev's personnel changes is tricky. FTP, who is his current Prime Minister?

A: Valentin S. Pavlov

T23: What US president said motion pictures were "like writing history with lightning."

A: Woodrow Wilson

T24: In the game of chess, FTP, what piece can ~~be~~ capture~~d~~ "en passant?"

A: pawn

Bonus Questions

B1: An act of Congress substantially modified the US Pledge of Allegiance. FTP each, name the president who signed this legislation, and the phrase which was added to the pledge.

A: ① Dwight D. Eisenhower, ② "under god"

B2: The 4-stroke piston engine accomplishes a different mechanical task with each stroke. For 5 points each, name the four stages of a piston.

A: ① intake, ② compression, ③ power (or expansion, or combustion), ④ exhaust

B3: Many tall buildings are found on college campuses. FTP each, what gothic structure stands highest of all on North American campuses, and on which university's campus does it stand?

A: Cathedral of Learning, University of Pittsburgh (or Pitt)

B4: 5 FTP each, name the five phases ^{in any order,} of mitotic cell division.

A: ① interphase, ② prophase, ③ metaphase, ④ anaphase, ⑤ telophase

B5: Dioxynucleic acid, DNA, contains 4 specific nitrogenous bases. For 5 points each, name them.

A: adenine, guanine, cytosine, thymine

B6: 30, 20, or 10 for naming this author by his works:

1. Resistance, Rebellion and Death
2. The Rebel
3. The Stranger

A: Albert Camus

B7: The names of several Roman gods were given to planets of our solar system. For 5 points each, what are the Greek names for Venus, Jupiter, Neptune, and Mars?

A: Aphrodite, Zeus, Poseidon, and Hermes *Ares*

B8: Tell us, in any order, FTP each, the second, third, and fourth largest countries of the world in terms of land area.

A: Canada, Peoples Republic of China, United States of America

B9: The Eighteenth Century produced many enduring literary works. For 5, 10, and 15 points, respectively, name the authors of the following: Songs of Innocence and Experience, An Argument Against the Abolishing of Christianity in England, and the Ode on the Death of a Favorite Cat, Drowned in a Tub of Gold Fishes.

A: William Blake, Jonathan Swift, Thomas Gray

B10: John Kennedy ~~Lee~~ Toole has had two novels published posthumously. FTP each, what are they?

A: A Confederacy of Dunces, The Neon Bible

B11: A Native American tribe sued the government in 1921 over a land dispute. This has become the longest running case in the history of the federal courts. FTP each, name the tribe, and the disputed land.

A: Sioux, Black Hills of South Dakota

B12: For 5, 10, and 15 points, respectively, spell the following: embarass, tatterdemalion, bosky.

A: (above)

B13: FTP each, name Pablo Picasso's wife and his tallest, widest painting.

check these

period named after a color
Lucy

Blue
A: ~~Peloma~~, Guernica

B14: All of them are directly derived from Latin. For 5 points each, name the 5 romance languages.

A: French, Spanish, Italian, Portuguese, Romanian

B15: Many present-day parliamentary democracies date far back into history. FTP each, which European country claims the oldest parliament, and what is the name of this parliament?

A: Iceland, the Althing

B16: Get your motor running FTP each, name the three men who wrote the screenplay for Easy Rider.

A: Dennis Hopper, Peter Fonda, Terry Southern

B17: For 5 points each, name the pursued lovers in the David Lynch film Wild at Heart, and the actors who played them.

A: Sailor, Lula, Nicolas Cage, Laura Dern

B18: FTP each, who wrote the following classics of the Beat generation, the first a poem, the second a novel - Sunflower Sutra, and The Dharma Bums?

A: Allen Ginsberg, Jack Kerouac

B19: FTP per set, match these three photographers with their best known subjects: Diane Arbus, Ansel Adams, and William Wegman are the photographers; dogs, freaks, and landscapes are the subjects.

A: William Wegman - dogs; Ansel Adams - landscapes; Diane Arbus - freaks

B20: What three statistics, FTP each, determine the winner of baseball's triple crown?

A: batting (or batting average, or hitting), home runs, and RBI's (or runs-batted-in)

B21: In a given lighting situation, a photographer must adjust, FTP each, what three settings to achieve the correct exposure?

A: film speed (or ASA, or DIN), aperture (or f-stop, or lens

opening), and shutter speed

B22: Throughout its history, what is now the State of Texas has belonged to several different governments. For 5 points each, what 6 flags have flown over Texas?

A: USA, CSA (Confederate States of America), Lone Star Republic, Mexico, Spain, ~~Britain (or UK)~~
France