

Technophobia 2000!

Tossups by Jordan Boyd-Graber and Maribeth Swiatek

1. Inducted into the baseball hall of fame in 1981, he was a rare good-hitting pitcher, with 24 career home runs. At his best in crucial games, he is second only to Whitey Ford in World Series wins, with 7, and strikeouts, with 3,117. For 10 points--name this right-handed Cardinal, who, with 23 victories, including 13 shutouts, and a 1.12 ERA, was named 1968's National League MVP.

answer: Robert (Bob) **Gibson**

2. Although he claimed that his life was saved on multiple occasions by the lack of Spanish marksmanship, this second lieutenant in the Republican militia was in fact hit in the throat at Teruel, a wound which endowed his speech with a strange, compelling quietness. After fleeing Spain in 1937, he recounted his disillusionment and dread of communism in *Homage to Catalonia*. For 10 points--identify this author who had previously spent time *Down and Out in Paris and London*, best known for *Animal Farm* and *1984*.

answer: George **Orwell** or Eric Arthur **Blair**

3. He was not allowed in the sacred grove of Asclepius or on the island of Delos. Often pictured as a young winged man with a butterfly in one hand and an extinguished or inverted torch in the other, this son of Nyx lived in a cave along the river Lethe with his twin brother Hypnos. When the Fates cut the thread of a person's life--for 10 points--what personification of death would claim the spirit as his own?

answer: **Thanatos**

4. Francisco Pizarro founded the city on Jan. 6, 1535, which, being Epiphany, prompted the name Ciudad de los Reyes ("City of Kings"). This name never stuck, giving way to one that was Quechua for "talker," and the city soon became the capital of the new viceroyalty, chosen over the old Inca capital of Cuzco to the southeast because its coastal location facilitated communication with Spain. Popularly known as "El Pulpo,"--for ten points--identify this capital of Peru.

answer: **Lima**

5. He studied under French composer Darius Milhaud and Austrian Arnold Schoenberg, of whom he said, "We didn't get on well at all." His quartet, which featured Paul Desmond, experimented with unusual time signatures like 5 over 4, the inspiration for the name of one of his best known pieces. For 10 points--name this contemporary pianist who incorporated classical devices into jazz music, the composer of *Take Five* and *Blue Rondo a la Turk*.

answer: David Warren **Brubeck**

6. In the background are two gentlemen in top hats walking toward some tiny boats and the town of Holmenkollen. Drawn in pastel on cardboard and listed as a "Study for a Series entitled *Love*," the swirling lines of the blood-red sky echo the contours of the figure in the foreground, which appears simultaneously corpse-like and reminiscent of a fetus. Later incorporated into the *Frieze of Life* series--for 10 points--identify this 1893 expressionist painting of cosmic anxiety by Edvard Munch.

answer: The **Scream** or The **Cry**

7. In 1848, he died in Franklin County, Kansas, in disgrace among his people despite his wealth and power. A half-French member of the Fox clan, he rose to prominence through his physical prowess and gift of persuasion, with which he convinced his followers to accept gifts from the U.S. government in exchange for their tribal lands. For 10 points--identify this man named chief of the Sauk and Fox by U.S. officials because of his disdain for the warlike policies of Black Hawk.

answer: **Keokuk**

8. He likes ice cream, but warns, "No sprinkles. For every sprinkle I find I shall kill you." You can e-mail him at "loismustdie, all one word, at yahoo.com." His mind control device is almost completed, but he's not allowed to have toys at the table, and the only one who understands his plight is Brian, the family dog. For 10 points--who is this lovable misanthropic genius baby on Fox's *The Family Guy*?

answer: **Stewie** Griffin

9. Prince Sigismund of Prussia, Leopold Duke of Albany, and Alexis Romanov of Russia not only reaped the benefits of aristocracy, but also bore the cross of excessive inbreeding. Their sons were probably normal, but their mothers carried the gene responsible for the absence of Factor VIII. For 10 points--identify the X-linked disorder affecting each of these men which prevents blood clotting.

answer: **hemophilia A**

10. A member of Catherine the Great's navy from 1766 to 1772, his *Letters to a German Princess* discuss the basic principles of mechanics, optics, acoustics, and astronomy. His partial solution to the three-body problem helped the British develop lunar tables with which to find longitudes, and in 1774 he performed the complex calculations for an updated table in his head, since he was completely blind. For 10 points--identify this mathematician honored on the Swiss 10-franc note and with the natural logarithmic base e .

answer: Leonhard **Euler**

11. The protagonist of this novel dies when a piece of marrow detaches from the bone and stops his heart. He fell down the stairs after a tribunal called by Brinker Hadley and Elwin Lepellier, who had hoped to convict Gene Forrester of the crime which occurred a year earlier by the river on the grounds of Devon school. For 10 points--name this 1959 novel in which Gene pushes Finny out of a tree, written by John Knowles.

answer: A **Separate Peace**

12. In 1914, he recorded his impressions of revolutionary fighting in the best-selling *Insurgent Mexico*, and his coverage of World War I for Metropolitan Magazine was published in 1916's *The War in Eastern Europe*. Four years later he died of typhus and was buried along the wall of the Kremlin, one of only four Americans to be so honored. For 10 points--identify this founder of the American Communist Labor Party, a friend of Lenin who recorded events of the Russian Revolution in his work, *Ten Days That Shook the World*.

answer: John **Reed**

13. This star was the first whose diameter was accurately measured with the newly-developed Michelson interferometer. A variable star, it is the star system where the majority of events of Pierre Boulle's Planet of the Apes take place, and is easily visible from earth due to its apparent magnitude of 0.4 and its deep red color. For 10 points--identify this supergiant whose name comes from the Arabic for "the giant's shoulder," located in the constellation Orion.

answer: **Betelgeuse**

14. John Hamling theorized that young boys' preoccupation with setting fires was linked to this Freudian phase of development, although Thebes never burned to the ground. More traditionally, this phase preceding latency is marked by young girls' desire to bear their father's child, a manifestation of the Electra complex. For ten points, identify the Freudian developmental stage which gives rise to the fiery Oedipal complex for boys and penis envy for girls.

answer: **phallic** (prompt on: Oedipal)

15. He once said of his fellow legislators, "All those men have their price." He became the de facto leader of the Whigs because of his excellent attendance, since his unique residence was only a five-minute walk from Parliament. The Tories impeached him as secretary of war and threw him into the Tower of London, but he got his revenge with the ascension of George I, who made him the secretary of the treasury. For 10 points--name this resident of 10 Downing Street who became Britain's first Prime Minister in 1721.

answer: **Robert Walpole**

16. It is Fox Mulder's apartment number, the height of the pyramid of Cheops divided by the length of its base, and the atomic number of molybdenum. For 10 points--what is this integer, not only the answer to life, the universe, and everything according to Douglas Adams but also the product of seven and six?

answer: **forty-two (42)**

17. Expelled twice from the Communist party for heterodox opinions, in 1969 he was fired from his position on the film faculty at the Academy of Music and Dramatic Arts and his works were proscribed from legal publication in his home country, from which he fled to France. His novels with one-word titles are *Immortality*, *Identity*, and *Slowness*, but he is best known for two with longer titles. For 10 points--name this author of *The Book of Laughter and Forgetting* and *The Unbearable Lightness of Being*.

answer: Milan **Kundera**

18. He climbed power poles for the REA in Texas, but decided one day that it was cold up there and that he should work his way through college, eventually earning a doctoral degree in economics. He was most notable as a freshman congressman for sleeping in the House of Representatives gymnasium, but after he was ejected by then-speaker Tip O'Neill, he moved to his office couch so that he could save money for his children's education. For 10 points--name this ranking Republican from Texas who was one of the authors of the Contract with America and a leading proponent of the flat tax.

answer: Dick **Army**

19. The second prescribed that he whose witness fails to appear may summon him with loud calls outside his house every third day, while the ninth states that, should he bear false witness, he shall be hurled from the Tarpeian Rock. The third, fourth and seventh deal with debt, paterfamilias and land rights, while the last two were added by the Decimviri because the plebeians were unhappy with their first efforts. Posted in the Forum in 450 BC--for 10 points--identify this early Roman legal code.

Answer: the Law of the **Twelve Tables** or **Lex XII Tabularum**

20. He was portrayed by Jason Robards in a 1984 made-for-TV movie that also featured Glenda Jackson as his wife, activist Yelena Bonner. With Igor Tamm, he devised a theoretical basis for controlled thermonuclear fusion but objected to Nikita Khrushchev's test of a 100-megaton hydrogen bomb in the atmosphere, fearing nuclear fallout. For 10 points--identify this Soviet scientist and human rights activist, the winner of the 1975 Nobel Peace Prize.

Answer: Andrei Dimitryevich **Sakharov**

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Bonuses by Jordan Boyd-Graber, Jason Meltzer, Richard Mason and Maribeth Swiatek

1. Given a European river, identify the specific body of water into which it empties, for 10 points each. You'll get 5 points if you need additional information.

A. 10: the Rhône

5: It extends from the Gulf of Iskenderun in the east to the Strait of Gibraltar in the west.

answer: Mediterranean Sea

B. 10: the Loire

5: This wide inlet of the North Atlantic Ocean indents the coast of western Europe. Forming a roughly triangular body, it is bounded on the east by the west coast of France and on the south by the north coast of Spain.

answer: Bay of Biscay (prompt on: Atlantic Ocean)

C. 10: the Dneiper

5: This inland sea off the southern shores of Ukraine and Russia forms a northern extension of the Black Sea, to which it is linked on the south by the Kerch Strait.

answer: Sea of Azov (prompt on: Black Sea)

2. Given a war and a date, give the treaty that ended that war, for 10 points each:

A. Franco-Prussian War; 1871.

answer: Treaty of Frankfurt

B. Russo-Turkish War; 1829.

answer: Treaty of Adrianople

C. Opium War; 1842.

answer: Treaty of Nanking

3. Given a plot description, identify these Dostoevsky novels, for 10 points each:

A. A destitute, deranged student kills an old German pawnbroker and finds redemption after his incarceration by falling in love with a prostitute.

answer: Crime and Punishment or Prestupleniye I nakazaniye

B. From the corner of a kitchen, Makar Devushkin writes letters to Varvara Dobrosyolova, who eventually agrees to marry the wealthy but worthless man she's been sleeping with.

answer: **Poor Folk** or **Bednyye lyudi**

C. Mr. Govorov, a close friend of Stephan Trofimovich Verkhovensky, outlines the attempts of a secret society led by Pyotr, Stephan's son, to overthrow the government.

answer: The **Possessed** or The **Devils** or **Besy**

4. 30-20-10-5. Name the man.

A. After his mother died, his father went to visit him at Jurhum. Upon hearing from his wife of the poverty and misery in which they lived, his father ordered him to "change the threshold of his gate," i.e. divorce her and marry another.

B. Rumored to be the father of 12 Arab princes himself, he carried stones up to a hill while his father used them to build the Kaaba.

C. The illegitimate son of Abraham, he was expelled into the desert with his mother, Sarah's maidservant Hagar.

D. The narrator of Moby Dick instructs the reader to call him this.

answer: **Ishmael** or **Ismael**

5. It is associated with the tendency of electrical charges to partially shield the interior of a body from an applied magnetic field. For 10 points each--

A. Identify this property, dominant in the behavior of substances with a negative magnetic susceptibility.

answer: **diamagnetism**

B. Diamagnetism is somewhat analogous to this physical law by which an induced current in an electrical circuit flows in such a direction as to oppose a change in flux through the circuit.

answer: **Lenz's Law**

C. The classical treatment of atomic diamagnetism assumes that, in a magnetic field, the precession of electrons with a certain angular frequency will be superposed on the motion of the electrons around the nucleus. Identify this frequency equal to the electron charge times the magnetic field intensity divided by twice the electron mass.

answer: **Larmor** frequency

6. Identify these Chinese dynasties, for 10 points each:

A. Also called the Yin dynasty in its later stages, this dynasty is believed to have been founded by a rebel leader who overthrew the last Hsia ruler. Important developments were the development of a writing system, as revealed in archaic Chinese inscriptions found on bone and tortoise shells, and the use of bronze metallurgy.

Answer: **Shang**

B. China was reunified in A.D. 589 by this short lived dynasty, whose rulers completed the Grand Canal and major reconstruction of the Great Wall. Their reign disintegrated through a combination of popular revolts, disloyalty, and assassination.

Answer: **Sui**

C. Cultural achievements of this dynasty included movable type and extremely tall pagodas, but that didn't stop the Mongols from destroying their capital in 1276 and destroying their fleet near Canton in 1279, ending the dynasty.

Answer: **Song** or **Sung**

7. 30-20-10. Identify the songwriter.

A. His father Emil was a conductor and his uncle Lionel wrote the famous 20th Century Fox fanfare.

B. He wrote the scores for the motion pictures *Ragtime*, *The Natural*, and *Pleasantville*.

C. He is best known for satirical compositions such as "Short People" and "I Love L.A."

answer: Randy **Newman**

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8. Answer the following about Olympic history, for 10 points each:

A. What Roman emperor abolished the Olympic games in 393 AD, probably because of their pagan associations?

answer: **Theodosius I**

B. What French educator was primarily responsible for the revival of the Olympics in 1896?

answer: Pierre, baron de **Coubertin**

C. For 5 points for two and 10 points for all three--which three cities have hosted the Summer Olympics twice?

answer: **Paris**, **London**, and **Los Angeles**

9. The son of a tanner, he got his nickname from his brother Giovanni, a pawnbroker to whom he was apprenticed. For 10 points each--

A. Identify this goldsmith and painter born Alessandro Filipepi.

Answer: Sandro **Botticelli**

B. Probably glad to get out of the pawn shop, Botticelli was later apprenticed to this Florentine master, a former monk and painter of altarpieces whose most famous work is actually entitled *Coronation of the Virgin*.

Answer: Fra Filippo **Lippi**

C. We know these wonderful and interesting quizbowl facts about Botticelli only because they appear in what artist's *Lives of the Most Eminent Italian Architects, Painters and Sculptors*?

Answer: Giorgio **Vasari**

10. For 10 points each--given a British prime minister, name the monarch who was on the British throne during his tenure:

A. William Ewart Gladstone

answer: **Victoria**

B. David Lloyd George

answer: **George V**

C. Arthur James Balfour

answer: **Edward VII**

11. Identify the following astronomers from descriptions of their planetary models for 15 points, or for 5 if you need more information:

A. 15: The Earth is stationary, the Sun revolves around the Earth and the rest of the planets orbit the Sun. All motion is circular.

5: He is most famous for keeping detailed observations of the planet Mars at his observatory, Uraniborg, and for accurately cataloguing the positions of 777 stars without a telescope.

answer: Tycho **Brahe**

B. 15: The libration of the motion of a planet is caused by a magnetic force acting between the planet and the sun.

5: He used Brahe's observations to derive an elliptical model of planetary motion.

answer: Johannes **Kepler**

12. Identify these Roald Dahl protagonists from a description of their fathers for 10 points each:

A. His father, along with his mother, was eaten by a rhinoceros which escaped from the London Zoo.

answer: **James** Henry Trotter (he of the Giant Peach)

B. His father had a job screwing the caps on to tubes of toothpaste.

answer: **Charlie** Bucket (of the Chocolate Factory)

C. His father was a former poacher who ran a petrol station.

answer: **Danny**, the Champion of the World

13. Identify these TV law firms, for 10 points each:

A. This Boston law firm employs Fox's Ally McBeal.

answer: **Cage, Fish** and Associates (accept **Cage and Fish** or **Fish and Cage**)

B. This is the title firm of ABC's *The Practice*.

answer: **Donnell** and Associates (accept: **Donnell, Young, Dole & Frutt**)

C. This evil Los Angeles law firm consorts with demonic forces on the WB's *Angel*.

answer: **Wolfram and Hart**

14. Given two presidents, name the university from which both graduated, for the stated number of points:

A. For 5 points----Ulysses S. Grant and Dwight Eisenhower.

answer: U.S. Military Academy at **West Point**

B. For 5 points----John F. Kennedy and John Adams.

answer: **Harvard** College (or Harvard University)

C. For 10 points----James Madison and Woodrow Wilson.

answer: **College of New Jersey** (accept: **Princeton** University)

D. For 10 points----Thomas Jefferson and James Monroe

answer: College of **William and Mary**

15. For 10 points each--give the taxonomic class to which each of these organisms belongs:

A. sunflower

answer: **Dicotyledonae (dicots)**

B. starfish

answer: **Asteroidia**

C. salamander

answer: **Amphibia (amphibians)**

16. Answer the following, for 10 points each:

A. Which American's string quartet was performed in 1938 by the NBC Orchestra as *Adagio for Strings*?

answer: Samuel **Barber**

B. Part of which German's orchestral *Suite in D Major* was arranged by August Wilhelmj as *Air on the G String*?

answer: **Johann Sebastian Bach**

C. Which Argentinian wrote the unusual Concerto for Digeridoo and Strings in 1966?

answer: Alberto **Ginastera**

17. For 5 points for one, 10 points for two, 20 points for three and 30 points for all four--identify the founders of the following companies:

A. Berkshire Hathaway

answer: Warren **Buffett**

B. Amazon.com

answer: Jeff **Bezos**

C. IBM, from the Computing-Tabulating-Recording Company

answer: Thomas J. **Watson**, Sr.

D. Intel, with G. Gordon Moore

answer: Andrew S. **Grove**

18. Tom Lehrer once remarked that he had found the raciest, spiciest, most lurid obituary that he had ever seen. For the stated number of points--identify these persons mentioned in that obituary, given quotes from the resulting Lehrer song and other clues.

A. 5 points: This man, "Whose buddies all knew him as Gustav / And each time he saw her he'd holler / Ach, that is the fraulein I moost hav, " wrote the masterpiece *Das Lied von der Erde*.

answer: Gustav **Mahler**

B. 5 points: "And soon she was swinging with Walter / Gus died, and her teardrops were copious / She cried all the way to the altar," with this man who founded the Bauhaus in Weimar, Germany in 1919.

answer: Walter **Gropius**

C. 10 points: "But he would work late at the Bauhaus / And only come home now and then / She said, What am I running, a chow house / It's time to change partners again!" to this man, who wrote *The Song of Bernadette*.

answer: Franz **Werfel**

D. 10 points: "Who knew how to receive and to give / The body that reached her embalma / Was one that had known how to live" Each of these men were married to the same woman at one point or another. Give the first name of Mrs. Mahler-Gropius-Werfel.

answer: **Alma**

19. For 10 points each--answer the following about a four kilogram rock.

A. If the rock is swung around in a circle at a speed of two meters per second on a tether one meter long, what tension in Newtons is on the tether?

answer: **16** Newtons [Force = mass * velocity squared divided by radius]

B. If the tether is cut and the rock flies off tangentially, what is its initial kinetic energy in Joules?

answer: **8** Joules [kinetic energy equals one half * mass * velocity squared]

C. What is the rock's initial momentum in kilogram-meters per second in the previous situation?

answer: **8** kilogram-meters per second [momentum equals mass * velocity]

20. For 10 points each--given a film, identify the actor who portrayed the title character:

A. Dr. Strangelove

answer: Peter **Sellers**

B. Annie Hall

answer: Diane **Keaton**

C. Tootsie

answer: Dustin **Hoffman**