

1. (OK/SK) Its discovery was based on 2003 photographs but not announced till 2005. Among those involved is a professor at Caltech whose website contains theories as to its unique color and uniformity in appearance, his "mourning" for its loss of status, and the suggested nomenclature that was proposed for it. It also contains an artist's rendering of this and its orbiting companion which was once called "Gabrielle" but is now officially Dysnomia, and an explanation why it and a smaller object discovered in 1930 have been kept from attaining the same status as eight larger companions in the vicinity. For 10 points name this largest dwarf planet, once called "Xena" but now named for the Greek goddess of Discord.

Answer: Eris (accept **2003 UB₃₁₃** or Xena early on)

2. (OK/SK) One party which had been invited to take part in this refused to agree to certain conditions and instead created a competing program named for their Foreign Minister, Vyacheslav Molotov. Its opponents included Henry Morgenthau and Jean Monnet, who called for an extraction of funds for implementation similar to the one in the Treaty of Versailles. Though it was actually more the brainchild of William Clayton and George Kennan, its common name derived from the man who first officially announced it as part of a commencement address at Harvard in 1947. For 10 points name this aid program developed by the U.S. to repair the infrastructures and economies damaged by World War II without extracting reparations, named for the American general-turned-Secretary of State who implemented it.

Answer: Marshall Plan

3. (NGC/CS) He dreamed of helping his sister Grete study violin at the conservatory, but his family grows disgusted by him, and his father throws a piece of fruit at him and wounds him. After he scares away the lodgers, the family disowns him. FTP, who is this character who wakes up one morning as an insect in Franz Kafka's *Metamorphosis*?

Answer: Gregor Samsa (accept either first or name)

4. (JK) **WARNING: PENCIL AND PAPER READY.** You want to find the equation in SLOPE-INTERCEPT FORM of a line that goes through the point (6,6) and is perpendicular to a line with a slope of negative 3. To do this, you note that the slope of this line must be the negative reciprocal of 3 and you plug in that slope and the given point into the equation $y = mx + b$, where m is the slope and b is the unknown y intercept. For ten points, find this equation. You have ten seconds.

Answer: $y = \underline{1/3x + 4}$

5. (NGC/CS) According to tradition, he slapped Arius for denying the deity of Christ at council of Nicea. A patron saint of sailors, children and virgins, this bishop of Myra in Asia Minor was reputed to have secretly left three bags of gold for a poor man whose daughters had no dowries. Somewhat ironically the patron saint of pawnbrokers, for ten points, name this saint who has since become identified with Christmas.

Answer: Saint Nicholas

6. (NGC/CS) In 1793, with money loaned by Alexander Hamilton, he started a daily newspaper titled *The American Minerva*. Just prior to his 1785 pro-Constitution pamphlet "Sketches on American Policy," he wrote *A Grammatical Institute of the English Language*, a text whose first part became known as "Blue-backed Speller" because of its blue cover. When he finished his most famous work in 1828, it had 70,000 words, nearly 12,000 more than similar texts. For ten points, name the creator of the first American dictionary.

Answer: Noah Webster

7. (UNC/CS) Because they are highly reactive, some members of this group are used for disinfectants, sterilization, and bleaching. They form diatomic molecules when in their natural form, and are likely to form an ion with a charge of -1 on account of their seven valence electrons, requiring only one to fill their outer valence shells. For ten points, name this group of elements which contains the most electronegative element in the periodic table, as well as chlorine, bromine, and iodine.

Answer: halogens (accept **Group 7** or **VII** or **VIIA**)

8. (NGC/CS) In 1964, he had his own show in San Diego but got his big break as sidekick on ABC's *The Joey Bishop Show*. After co-hosting both *A.M. Los Angeles* and later the *Morning Show* with Cyndy Garvey, he was teamed with the then Kathie Lee Johnson. For ten points, name this host of *America's Got Talent*, currently paired on a morning show with Kelly Ripa.

Answer: Regis Philbin

9. (NGC/CS) Juvenal wrote, "Weigh [him] – how many pounds will you find in that great general?" He completed the conquest of Spain begun by his father, and defeated the Roman army at Trebia, Lake Trasimene, and Cannae. However, Scipio was able to neutralize this general's elephants and thereby defeated him at Zama in 202 BC. For ten points, name this Carthaginian general noted for marching his army over the Pyrenees and Alps into Italy.

Answer: Hannibal

10. (Val/CS) The world's two largest collections of his works that are publicly accessible belong to the King of Spain and the US Library of Congress. Of more than 1,100 originals, only about 650 remain today. Due to the parallel of the Maunder Minimum and his lifetime, it has been suggested that climate, along with the craftsmanship of this pupil of Niccolò Amati, contributed to the distinct sound of his instruments. In 2005, his "Lady Tennant" was auctioned at Christie's in New York and sold for over 2 million dollars. FTP, identify this man best known for his namesake violins.

Answer: Antonio **Stradivari** or Stradivarius

11. (NGC/CS) This golfer's first professional tournament, the Samsung World Championship, ended in disqualification for an illegal drop, and since turning pro she has yet to win a tournament. Nonetheless, she holds records as the youngest player ever to win a USGA event for adults and the youngest woman to qualify for a PGA event. For ten points, identify this 16-year old Hawaiian golfer.

Answer: Michelle Wie

12. (NGC/CS) He served as Governor of Massachusetts from 1794 to 1797, returning to favor from a stretch where many former allies thought him an irresponsible agitator. Though an elected tax collector, he was outspoken against enforcement of the Sugar and Molasses Act. In 1765, he was elected to the General Court of Massachusetts where he proposed the formation of a united colonial congress at New York, and later helped organize the Sons of Liberty and directed the Boston Tea Party. For ten points, name this American patriot now associated with beer.

Answer: Samuel Adams (prompt on Adams)

13. (NGC/CS) A low count of these helps doctors diagnose Pearson's Syndrome. Also called thrombocytes (*thrombo-sites*), there are about 250,000 of small, round bodies in a cubic millimeter of human blood. When blood vessels are damaged, these adhere to the site and secrete chemicals which begin forming fibers. For ten points, identify this component of blood that initiate clotting.

Answer: Platelets

14. (NGC/CS) Some of his paintings, which he called "hand-painted dream photographs," depict the barren landscapes and fantastic rock formations of Catalonia where he was born. His realistic technique and his use of complex, puzzling symbols can be seen in such works as "The Hallucinogenic Toreador" and "Persistence of Memory." For 10 points, who is this famous Spanish surrealist painter?

Answer: Salvador Dali

15. (NGC/CS) Only a month after writing of this novel began, its author suffered the death of his son Alyosha; hence, perhaps the story's most sympathetic character similarly named. Another key character is Father Zossima, Alyosha's wise mentor. Revolving around the death of Fyodor at the hands of his illegitimate son Smerdyakov, this is, for ten points, what last and longest novel by Dostoyevsky?

Answer: The Brothers Karamazov

16. (NGC/CS) In his search for wisdom, this god was hung from Yggdrasill (*ig-drah-sill*) for nine days with his spear Gungnir (*goong-neer*) piercing his side, and he sacrificed his left eye at Mimir's (*mee-meerz*) well to gain knowledge of the past, present and future. While you may not have been aware of it, you honored him three days ago if you mentioned the day. For ten points, name this chief god of Norse mythology.

Answer: Odin [accept **Woden** or **Wotan**]

17. (NGC/CS) Secondary characters in this novel include Count Greffi and Rinaldi, who is the first to mention the English nurse. The protagonist, when he sees Catherine Barkley at the hospital, notes her beautiful hair and later kisses her, thus beginning the romance at the center of this anti-war novel. For ten points, name this 1929 Ernest Hemingway work set during World War I.

Answer: A **Farewell to Arms**

18. (NGC/CS) Officially founded in 1985 upon Sheik Ibrahim al-Amin's declaration of the group's manifesto, it originally sought to bring Islamic revolution to its home country. It won 14 out of 128 seats in 2005's Parliamentary elections. Its desire to evict the Israeli presence in Lebanon led to its abduction of Israeli soldiers, thus prompting the 2006 Israel-Lebanon conflict. For ten points, name this Lebanese political party and militia.

Answer: **Hezbollah**

19. (UNC/CS) As a factor, this describes the phase velocity of light in a material relative to vacuum. By using Snell's law, transparent materials with specific values of this quantity may be used to construct prisms and lenses. FTP name this numerical property, describing the ability of a material to bend light.

Answer: **refractive index** or **index of refraction**

20. (NGC/CS) This city was settled in 1872 near Camp Hancock, a military post protecting crews working on the Northern Pacific Railway. Originally called Edwinton, in hopes of attracting German railroad investors it was renamed in 1873 in honor of the then-chancellor of Germany. Directly across the Missouri River from the city of Mandan, for 10 points, name the capital of North Dakota.

Answer: **Bismarck**, North Dakota

21. (DU/JV) An anti-Communist organization from the 1960's, a punk rock band, the nickname for the US LGM-30 ICBM nuclear missile, a group of superheroes from the *Watchman* comic series, and a team representing the University of Massachusetts. FTP, what word also describes the New England Militia of the American Revolution and the soldiers patrolling the US-Mexico Border?

Answer: **Minutemen**

22. (UNC/CS) It is famous for its collection of Impressionist and Post-Impressionist works, including Degas's *L'absinthe*, Manet's *Luncheon on the Grass*, and Van Gogh's *Starry Night over the Rhone*, as well as other paintings, sculptures, and photographs. François Mitterand had it opened in 1986, almost ten years after the decision had been made to convert it into a museum from its previous function. For ten points, name this museum, formerly a train station, located in Paris.

Answer: **Musée d'Orsay**

1. (DU/JV/SK/CS) I see dead people. In a museum. Given a work that shows people dying, name its morbid artist FTPE.

1. Lots of dead bodies are seen strewn about the streets of Paris near the topless woman in this man's *Liberty Leading the People*.

Answer: Eugene Delacroix

2. This man's *Guernica* portrays the aftermath of Nazi bombing in northern Spain. A woman holding a dead baby can be seen on the left.

Answer: Pablo Picasso

3. Several men about to die can be seen in this artist's *The Third of May, 1808*.

Answer: Francisco de Goya

2. (UNC/CS) For ten points each, give the number for each of Newton's laws.

10: The net force on a body is equal to the product of the body's mass and its acceleration

Answer: Second or Two

10: When two bodies interact, the forces on the bodies from each other are always equal in magnitude and opposite in direction.

Answer: Third or Three

10: If no net force acts on a body, the body's velocity cannot change; that is, the body cannot accelerate.

Answer: First or One

3. (NGC/CS) Identify these late-19th and early 20th century African American authors, for ten points each.

a) Author of the autobiography *Up From Slavery*, he is most famous for founding an academy for blacks in Alabama called the Tuskegee Institute.

Answer: Booker T(aliafero) Washington

b) The first African-American to receive a Ph.D. from Harvard was this author of *The Souls of Black Folk*.

Answer: W(illiam) E(dward) B(ughardt) Du Bois

c) This author of *The Autobiography of an Ex-Colored Man* also co-wrote the song "Lift Ev'ry Voice and Sing," often referred to as the "Negro National Anthem."

Answer: James Weldon Johnson

4. (UNC/CS) FTPE, given a Secretary of State, name the President he or she served under.

10: Henry Clay

Answer: John Quincy Adams (Prompt on just Adams, but do not prompt on John Adams)

10: James Baker

Answer: George H.W. Bush, (Prompt on Bush, accept "Bush 41" or anything else distinguishing him from Dubya)

10: Dean Acheson

Answer: Harry S Truman

5. (NGC/CS) Name the products made by Glaxo-Smith Kline, for ten points each.

a) In existence for over seventy years, this treatment for heartburn and acid indigestion is advertised as the number one calcium supplement.

Answer: Tums

b) This GSK toothpaste has the unique red, white, and blue stripes.

Answer: Aquafresh

c) This denture adhesive cream now comes with an ooze control tip.

Answer: Poligrip

EDITOR'S NOTE: While the question asks about Tums, UTC wishes to add that its usual tournament HQ, Grote Hall, is named for the UTC professor who invented Roloids.

6. (NGC/CS) Given a list of three chapter titles, provide the name of the work for ten points each. You will receive only five points if you need the author.

a-10) Nantucket, Queequeg in His Coffin, Stubb Kills a Whale

5) Herman Melville

Answer: **Moby Dick**

b-10) Topsy, Slave Wharehouse, The Young Master

5) Harriet Beecher Stowe

Answer: **Uncle Tom's Cabin**

c-10) I Discover Moses and the Bulrushers, I Fool Pap and Get Away, The Duke and The Dauphin Come Aboard.

5) Mark Twain

Answer: The Adventures of **Huckleberry Finn**

7. (NGC/CS) Identify the following blog sites from a description, for ten points each.

a) Begun at Harvard by Mark Zuckerberg, this Palo Alto-based site is primarily for high school and college students, though it now includes corporations such as Microsoft and Pepsi.

Answer: **Facebook**

b) Begun in July 2003 by Tom Anderson and Chris DeWolfe but now owned by NewsCorp, this reportedly most popular website in the US features two major headings: "About Me" and "Who I'd Like To Meet"

Answer: **MySpace**

c) On this website begun in 1998, users' pages feature a weblog, a photoblog, and a profile. Other features include comments, eprops, footprints, blogrings, and metros.

Answer: **Xanga**

8. (NGC/CS) Name the desert, for ten points each.

a) Covering nearly 500,000 square miles, this desert of Mongolia and northern China is the coldest and most northern of the world's major deserts.

Answer: **Gobi**

b) Lying between Botswana and South Africa, this desert is populated by the San people (formerly called Bushmen.)

Answer: **Kalahari**

c) Australia has three deserts which each cover more than 120,000 square miles. For ten points name any of the three.

Answer: **Great Victoria** Desert, **Great Sandy** Desert, or **Gibson** Desert (do not accept: Simpson Desert)

9. (NGC/CS) Name the metal alloy from a description, for ten points each.

a) Originally containing up to 15 percent lead, this alloy for eating and drinking utensils now typically consists of 85 to 99 percent tin and 1 to 4 percent copper, with zinc or bismuth added.

Answer: **pewter**

b) The acoustic properties of this alloy of copper and zinc have made it useful in crafting musical instruments.

Answer: **brass**

c) This alloy combines copper with tin rather than with zinc, with copper accounting for 60 percent of the alloy. Often used for sculpture, it lent its name to a period in antiquity.

Answer: **bronze**

10. (DU/JV/CS) Not all wars ended with a treaty being signed in Paris. OK, a lot did, but name the wars that were ended by treaties signed somewhere else:

(10) Treaty of Ghent

Answer: **War of 1812**

(10) Treaty of Portsmouth

Answer: **Russo-Japanese War**

(10) Treaty of Versailles. OK, so that's near Paris...

Answer: **World War I**

11. (NGC/CS) Identify the part of a circle from a description, for ten points each.

a) The perimeter of a circle

Answer: Circumference

b) A line segment extending from the center of a circle to the circumference

Answer: Radius

c) A straight line joining any two points on a curve, arc, or circumference.

Answer: Chord

12. (NGC/CS) Name the orders in which these animals belong, for ten points each.

a) moles and most shrews

Answer: Insectivora or Insectivore(s)

b) platypus and echidna

Answer: Monotrema or Monotreme(s)

c) seals and walruses

Answer: Pinnipedia or Pinniped(s)

13. (Sh/SK) He was the son of Geb and Nut who was originally the god of fertility until his murder by his brother, the chaos-god Set, after which he became the lord of the dead. For 10 points each:

1. Name this Egyptian god, the husband of Isis.

Answer: Osiris

2. One of two Egyptian gods by this name was a son of Osiris represented by a falcon, who was in constant conflict with Set and was otherwise a sly god a protector of the Pharaoh.

Answer: Horus

3. The former god of the dead before Osiris, this jackal-headed god retained powers over mummification and embalming.

Answer: Anubis

14. (DU/JV/CS) Now, for a high school classic. Answer the following FTPE.

(10) This novel centering on the fireman Guy Montag opens with the line, "It was a pleasure to burn."

Answer: Fahrenheit 451

(10) The protagonist of this book is this man, who goes from his "fireman" job to realizing that books are an opening to a new world unknown to the futuristic society.

Answer: Ray Bradbury

(10) Montag meets this man in the country after escaping the city. He is the leader of the "Book People" and is a symbol of hope as the novel closes.

Answer: Granger

15. (MSU/SK/CS) Identify either of the current US Senators from these states, 10 points each:

1. Maine

Answer: Susan Collins or Olympia Snowe

2. Illinois

Answer: Dick Durbin or Barack Obama

3. Iowa

Answer: Tom Harkin or Charles Grassley

16. (NGC/CS) Given his character's name and movie, for ten points each, name these self-cast directors.

A) Andrew Largeman, "Garden State"

Answer: Zach Braff

B) Vick, "Lady in the Water"

Answer: Manoj Night Shyamalan or M. Night Shyamalan

C) Frankie Dunn, "Million Dollar Baby"

Answer: Clint Eastwood

17. (NGC/CS) Given a brief description of the tale, name the Canterbury pilgrim who tells the story, for ten points each.

a) Two friends, Arcita and Palamon, vie for the love of Emelye.

Answer: **Knight**

b) Three young men seek death that they may kill him, but when they come upon a bag of gold, they kill each other.

Answer: **Pardoner**

c) A carpenter named Nicholas is deceived by his wife Alison and her lover, and he hides in a wash-tub in the attic, thinking that Noah's flood is coming.

Answer: **Miller**

18. (UNC/CS) Given proponents of a particular school of philosophy, name the philosophy for ten points each.

John Dewey, George Santayana, William James

Answer: **pragmatism** [accept pragmatic]

Thomas Aquinas, William of Ockham, Pierre Abelard

Answer: **scholasticism**

Jeremy Bentham, John Stuart Mill

Answer: **utilitarianism**

19. (MSU/SK) Identify these geologic terms:

1. This is the process whereby one tectonic plate slides under another at their meeting.

Answer: **subduction**

2. This is the classification for extrusive rocks consisting of igneous debris, blown out of a volcano during an explosion.

Answer: **pyroclastic** rocks

3. As opposed to surface waves, which are classified as being either R for Rayleigh or L for Love, the Earth's so-called "body" waves are classified by one of these two letters. Name both, five points each.

Answer: **P**(rimary) and **S**(econdary) waves

20. (UNC/CS) FTPE, given the colonial name of an African country, give its current name.

10: Belgian Congo

Democratic Republic of the Congo

10: Bechuanaland

Botswana

10: French Sudan

Mali

21. (NGC/CS) Answer the following about composers associated with Hungary, for ten points each

a) This Hungarian pianist who composed "The Mephisto Waltzes" and "The Hungarian Rhapsodies" is often credited with inventing the symphonic poem.

Answer: Franz **Liszt** ("list")

b) Like Liszt, this 20th century modernist composer and ethnomusicologist ("ethno-musi-cologist") was Hungarian. His works include the opera "Bluebeard's Castle" and "Concerto for Orchestra."

Answer: Bela **Bartok**

c) While Bartok drew from true Hungarian folk music, Liszt's influence often was music played by this ethnic group once believed to have originated in Egypt.

Answer: **Gypsy** or **Roma** (accept Romani or Rom)