

1. E.E. Barnard was the first man to observe one, doing so in 1904, but credit for their discovery goes to Max Wolf, who recognized the significance of their location, when he discovered 588 Achilles two years later. Though they are generally divided into two groups, two of the most prominent ones, 617 Patroclus and 624 Hektor are both found on the wrong sides. FTP, what are these Small Solar System Bodies which fall in the two Lagrangian points of stability near Jupiter and which take their name from characters from *The Iliad*?

Answer: Trojan Asteroids or Jupiter Trojans [accept non-Galilean moons of Jupiter before "Lagrangian"]

2. Debate concerning it led Mississippi Senator Henry Foote to draw a pistol on Thomas Hart Benton of Missouri. Many Southerners outlined their stances at the Nashville Convention, while one of its most highly contested provisions was authored by James Mason of Virginia in hopes that he could force support from border state Whigs. It established the border between Texas and New Mexico, outlawed the slave trade in Washington, D.C., and created a harsh fugitive slave law. FTP, what is this compromise authored by Stephen Douglas and Henry Clay, which allowed California to be admitted as a free state?

Answer: Compromise of 1850

3. Beginning with a summary of Alexander's conquest and its aftermath, this set of books is not part of the Protestant or Catholic canons, but the first two are in the Apocrypha or "Deutero-canon". Though books 3 and 4 share the same name, possibly derived from the Aramaic word for "hammer," they do not deal with the eponymous group, the first being on another subject entirely and the second being a philosophical work. FTP, give the shared name for these books about the Jewish warriors who rebelled against the Antiochus IV Epiphanes and ruled an independent state until they were overthrown by Herod the Great.

Answer: Maccabees

4. It begins "O what can ail thee knight at arms alone and palely loitering? The sedge has withered from the lake and no birds sing." The knight tells the anonymous speaker of his woe--of how he met a lady "full beautiful--a faery's child" and how she took him to her "elfin grot." But alas she lulled him to sleep and upon waking his fantasy was barren, withered, and lonely. FTP, name this poem by John Keats about a beautiful lady with no pity.

Answer: "La Belle Dame Sans Merci"

5. Central to this painting is man in yellow pants and a white shirt with a enigmatic look of terror and pleading on his face. To his left is a man with his face in his hands and a woman head bowed in prayer, to his right lie the bloody bodies of his compatriots. In contrast to the "crumbling irregularity" of these innocent Spanish civilians stands the uniform design of the firing squad with their cold rifles precisely aimed. FTP, name this painting by Francisco Goya depicting the senseless executions performed by Napoleon's troops on an infamous day.

Answer: The Third of May 1808

6. Perhaps it was lost when Andronikos Doukas, wishing to depose his co-regent Romanus IV, refused to cover his retreat. Although their combined forces had already taken Alp Arslan's camp, they were now disorganized, allowing Seljuk troops to rout both wings. Casualties were low, but the political turmoil and consequences resulting from it were high. FTP, name this battle of 1071, blamed for the loss of Anatolia and the destabilization of the Byzantine Empire.

Answer: Battle of Manzikert (or Malazgirt)

7. Among this Cornell graduate's contributions were identifying and naming the telomere, determining that the centromere is divisible, and explaining their respective chromosomal roles. The only female depicted in the *American Scientists* stamp series issued by the US Postal Service in 2005, she was discouraged by her mother from attending college, as it would make her unmarriedable. Recipient of the Nobel Prize in Physiology in 1983, FTP, name this acclaimed geneticist, the discoverer of transposons or "jumping genes."

Answer: Barbara McClintock

8. Its "new town", platted in 1880 to accommodate the railroad, soon enveloped the old town which included the 1706 Church of San Felipe de Neri. Envisioned by Neil Young as "somewhere where they don't care who I am" and by Weird Al Yankovic as "a magical, far-away place where the sun is always shining and the air smells like warm root beer," this location hosts the largest hot air balloon gathering in the world. Named for the Viceroy of New Spain, it is situated in Bernalillo County in the central part of its state, straddling the Rio Grande. Home to Kirtland Air Force Base and Sandia Laboratories, FTP, name the largest city of New Mexico.

Answer: Albuquerque

9. It dates back to the late 1990's around Oakland, Richmond, and Vallejo in northern California, gaining national media attention in 2006 with a feature on *Good Morning America*. Featured as a mini-game in the Playstation 2 game *Pimp My Ride*, it was popularized by rapper E-40's "Tell Me Where to Go" and a step-by-step description in a song by Mistah F.A.B. The driver of a car puts the car in neutral and exits the vehicle along with any passengers while it is still moving; they then proceed to dance around or on top of the vehicle as it rolls down the street. FTP, name this hyphy (*HI-fee*) form of "going dumb" that has recently resulted in such headlines such as "Hip-Hop Car Stunt Leaves Two Dead."

Answer: Ghost Riding the Whip, or Ghosting

10. The protagonist owes Amyntas for a carriage and Pasion for a gelding, purchases made for his son, the profligate charioteer Pheidippides. As a last resort to evade these creditors, that man, Strepsiades, enrolls Pheidippides in a sophist academy. There, he is taught to disbelieve in the traditional gods and worship the title beings, who also inspire excessively flowery poets, by a crafty caricature of Socrates. FTP, name this comedy by a young Aristophanes.

Answer: The Clouds (or Nephelai)

11. This law explains why Faraday cages don't accept external electric charges. Discovered in 1835 and published in 1867, this law of electromagnetism has a magnetic counterpart that was not stated by its inventor, although it too is often now named for him. It states that the electric flux through a closed surface is proportional to the charge contained by a factor of 1 over the constant ϵ_0 (read: *epsilon-naught*). FTP, name this law, invented by the German "prince of mathematics" who also constructed a 17-gon with straightedge and compass.

Answer: Gauss' Law (for electrostatics)

12. He fathered an illegitimate son, Ludwig, by his landlord's wife. He considered art a closer approach to the absolute than government and divided art history into three periods, the last of which (the Romantic) he felt could not encompass the magnitude of the Christian ideal. Among his day jobs were editor of a newspaper during the Napoleonic occupation of Germany; rector of a Gymnasium at Nuremberg, and most notably a professor of philosophy at Berlin. FTP, name this author of *Science of Logic*, *Philosophy of Right*, and *Phenomenology of Spirit*.

Answer: Georg Wilhelm Friedrich Hegel

13. A member along with Jim Thorpe of the 1912 U.S. Olympic team, he was sent to France in 1917 and became the first American officer to receive tank training. He led the Seventh Army during the Sicily campaign, then was shipped to England to head the Third Army and serve as a decoy to draw attention away from preparation for the Normandy invasion. Arriving in France a month after D-Day, he led the summer breakout from Normandy and relieved the siege of Bastogne during the Battle of the Bulge. FTP, name this colorful general nicknamed "Old Blood and Guts."

Answer: George Smith Patton, Jr.

14. At the beginning of this work, the first in its series, the main character encounters a lion, a leopard and a she-wolf and is thus driven back into the darkness. From here he must face a long arduous journey as he strives to reach the light. Along the way he enters through the Gate of Dis, plunges over the Great Cliff upon the winged monster Geryon and crosses Malebolge. At the end the main character witnesses a revolting view: Satan himself in the icy center of Hell. FTP, name this first part of Dante's *Divine Comedy*.

Answer: The Inferno [prompt on *Divine Comedy*]

15. His portrait can currently be found on a Bank of England twenty-pound note. While his preeminence as a British composer was established by his *Variations on an Original Theme* and his composition of the *Imperial March* for Queen Victoria's Diamond Jubilee, you are probably more familiar with his music as a result of your high-school graduation ceremony. FTP, name this composer of the "Enigma" *Variations* and the *Pomp and Circumstance Marches*.

Answer: Sir Edward Elgar

16. It was the subject of the book *Minnesota Rag* by Fred Friendly, the news producer played by George Clooney in *Good Night and Good Luck*. In this eventual Supreme Court case, *The Saturday Press* issued "A Direct Challenge to Police Chief Brunskill," accusing him of collaboration with Jewish gangs. Another target was future governor Floyd Olson, who sued the publishers for libel. On appeal, the state Supreme Court upheld Minnesota's Public Nuisance Law, declaring: "He who uses the press is responsible for its abuse." But Charles Evans Hughes and the U. S. Supreme Court disagreed in, FTP, what landmark 1931 decision which established that the press could not be censored by prior restraint?

Answer: Near v. Minnesota

17. Discovered in 1909 by Charles Walcott, it is classified as a "conservation Lagerstätten" because of the unusual degree of preservation of soft tissue structures. Presumed arthropods such as *Marella* and the five-eyed *Opabinia*, the caterpillar-shaped *Aysheaia* [eye SHAY-ee-yah], and the only known specimen of *Nectocaris* are among the previously unknown species whose fossils it contains. In his 1989 book *Wonderful Life*, Stephen Jay Gould held it up as evidence of his theory of punctuated equilibrium. FTP, name this "paleontological goldmine" named for a nearby pass in the Canadian Rockies.

Answer: Burgess Shale

18. A namesake of this man was eligible for the spolia opima during the reign of Augustus, while this man himself served as a general under Sulla and greatly helping at the Battle of Colline Gate. In 71 BCE, he was awarded an ovation for his part in the suppression of the Third Servile War, the survivors of which he crucified along the Via Appia. Though otherwise a capable commander, he is best remembered for his magnificent defeat at Carrhae, where he was killed by the Parthians. Acquiring his wealth in the slave trade and in purchasing property threatened by fire, FTP, name this member of the First Triumvirate.

Answer: Marcus Licinus Crassus

19. This nontoxic element has two allotropes, a brown powder and a black crystal. It was first isolated by Sir Humphry Davy in 1807, and independently in France a year later by Thenard and Gay-Lussac. Commonly used in fiberglass production and semiconductors, the ability of some isotopes to absorb thermal neutrons has also led to its use in radiation shielding. FTP, name this metalloid with atomic weight 10.811 AMU and atomic number 5, which is also the name of the town in California where *Erin Brockovich* was filmed.

Answer: Boron

20. Her father was an expert on bees, which helps explain why her poems include "The Arrival of the Bee Box," "Stings," and "The Bee Meeting." Her father also served as a model for perhaps her most famous poem, where she compares him to a "black-hearted" Nazi and parallels him to her husband Ted. FTP, name the author of the poetry collection *Ariel* and the novel *The Bell Jar*, who committed suicide at the age of 30.

Answer: Sylvia Plath

21. In September of 2006 the Institute for Brain Science founded by Microsoft billionaire Paul Allen finished mapping the brain genome of this animal. The grasshopper variety, belonging to the genus *Onychomys*, is the only principally carnivorous examples of this animal, though most species are omnivores and several species have exhibited cannibalistic or self-cannibalistic tendencies. FTP, name this rodent often bred in laboratories for genotype research and also sold in pet stores as snake food.

Answer: mouse

22. Made a *hu*, or marquess, in 16 BC, and later the commander of the army, he was made regent for emperors Cheng and, later, Ping, by the Empress Dowager Wang. When Ping died, he appointed a one-year-old child to rule, and seized power himself in 8 AD: since, he claimed, the mandate of heaven had passed into the Xin, or "New," Dynasty. Arrogant and incompetent in foreign policy, his city-renaming project was unpopular, his land distribution reforms even less so. FTP, name this Chinese ruler, whose fifteen-year rule launched a period of revolt and chaos and marks the end of the Western Han Dynasty.

Answer: Wang Mang

1. For ten points each, identify the following landmark Supreme Court cases:
 - a. This 1896 case involving a Louisiana railroad passenger held the doctrine of “separate but equal” to be constitutional.
Answer: Plessy vs. Ferguson
 - b. The 1954 case which ended segregation in public schools, overturning *Plessy vs. Ferguson* in the process.
Answer: Brown vs. Board of Education of Topeka, Kansas
 - c. Opening the door a crack before Brown, this 1950 case found that the University of Texas School of Law did not meet the “separate but equal” requirement, and mandated that the plaintiff be admitted to the formerly all-white institution.
Answer: Sweatt vs. Painter

2. FTPE, answer the following computation probability questions. Give your answer in fully simplified fractions, given the stated information: A drawer contains 2 white socks and 9 black socks. (Moderator: Please allow 10 seconds for each answer)
 - a. First, what is the probability of drawing a black sock on the first attempt?
Answer: 9/11
 - b. What is the probability of drawing a black sock, replacing it, and then drawing a white sock?
Answer: 18/121 ($9/11 * 2/11$)
 - c. What is the probability of drawing two consecutive black socks, without replacement?
Answer: 36/55 ($9/11 * 8/10$)

3. Name these book titles from their first lines FTPE; if you also need the author’s name you’ll get 5 pts.
 - (10) In the ancient city of London, on a certain autumn day in the second quarter of the sixteenth century, a boy was born to a poor family of the name Canty, who did not want him.
(5) Mark Twain
Answer: The Prince and the Pauper
 - (10) The story held us, round the fire, sufficiently breathless, but except the obvious remark that it was gruesome, as on Christmas Eve in an old house a strange tale should essentially be, I remember no comment uttered till somebody happened to note it as the only case he had met in which such a visitation had fallen on a child.
(5) Henry James
Answer: The Turn of the Screw
 - (10) The cold passed reluctantly from the earth, and the retiring fogs revealed an army stretched out on the hills, resting.
(5) Stephen Crane
Answer: The Red Badge of Courage

4. On a 10-5 basis, name the composer from works. Hint: all three have the same last initial.
 - a. (10 points) *The American Suite*, *Slavonic Dances*
(5 points) *The New World Symphony*
Answer: Antonín Leopold Dvořák
 - b. (10 points) *The Invitation Waltz*, *Torquato Tasso*
(5 points) *The Elixir of Love*, *Lucia di Lammermoor*
Answer: Gaetano Donizetti
 - c. (10 points) *Ariadne and Bluebeard*, *La Péri*
(5 points) *The Sorcerer’s Apprentice*
Answer: Paul Dukas

5. For ten points each, identify the number of the following Newtonian laws from the given clues.
 - a. This law is equivalent to the Lagrange equations for a given body.
Answer: Newton’s Second Law
 - b. This law is also called the Law of Inertia.
Answer: Newton’s First Law
 - c. The law which states that force is related to momentum or acceleration, not to velocity.
Answer: Newton’s Second Law

6. FTSNOP give related information about a Biblical story:

a. (5/5/5) These three boys, originally Hananiah, Mishael and Azariah, are captured by Nebuchadnezzar's army and assimilated into the Babylonian court but refuse to renounce Judaism and are cast into a fiery furnace. Name them F5PE.

Answer: Shadrach, Meshach and Abednego

b. (5) This friend of Shadrach, Meshach and Abednego has a similar miraculous escape from peril in the lion's den.

Answer: Daniel; [accept Belteshazzar]

c. (10) Daniel interpreted the original "handwriting on the wall" as prophecy of the impending death of this king, at whose final feast the writing mysteriously appeared.

Answer: Belshazzar

7. Name these constellations from clues about their constituent stars, for ten points each.

a) This zodiacal constellation contains the orange star Antares.

Answer: Scorpio

b) Located about 40 degrees northeast of Orion, this constellation contains the stars Castor and Pollux.

Answer: Gemini

c) A part of Taurus, this constellation contains the stars Alcyone, Atlas, and Electra.

Answer: The Pleiades

8. For ten points each name the authors of the following totally unrelated works.

a. *Barefoot in the Park* and *Biloxi Blues*

Answer: Neil Simon

b. *To the Lighthouse* and *Orlando*

Answer: Virginia Woolf

c. *Boris Godunov* and "The Bronze Horseman"

Answer: Alexander Pushkin

9. Given their political party and years in office, name these British Prime Ministers for 10 points each.

(10) Liberal; 1868-1874, 1881-1885, 1886, and 1892-1894

Answer: William Gladstone

(10) Tory; 1783-1801 and 1804-1806

Answer: William Pitt the Younger

(10) Conservative, 1979-1990

Answer: Margaret Thatcher

10. Given a Pokédex entry from Pokémon Red and Blue versions, give the name of the Pokémon it describes, 5-5-10-10.

(5) # 001. Seed Pokémon. A strange seed was planted on its back at birth. The plant sprouts and grows with this Pokémon.

Answer: Bulbasaur

(5) # 150. Genetic Pokémon. It was created by a scientist after years of horrific gene splicing and DNA engineering experiments.

Answer: Mewtwo

(10) # 054. Duck Pokémon. While lulling its enemies with its vacant look, this wily Pokémon will use psychokinetic powers.

Answer: Psyduck

(10) # 015. Poison Bee Pokémon. Flies at high speed and attacks using its large venomous stingers on its forelegs & tail.

Answer: Beedrill

11. Given a mythological figure, name their "better half" for ten points each.

a) Pyramus

Answer: Thisbe

b) Cupid

Answer: Psyche

c) Deucalion

Answer: Pyrrha

12. Name the authors of the following short stories FTPE:

a. "The Story of an Hour", "Madame Celstin's Divorce," and "Desiree's Baby"

Answer: Kate Chopin

b. "A Worn Path", "Petrified Man," and "Why I Live at the P.O."

Answer: Eudora Welty

c. "Eveline", "Araby", and "The Dead"

Answer: James Joyce

13. Given two painters name the period or movement associated with them for ten points.

a. Caravaggio and Peter-Paul Rubens

Answer: Baroque

b. Jean Antoinne Watteau and Jean Fragonard

Answer: Rococo

c. Theo van Doesburg and Piet Mondrian

Answer: Die Stijl; or neoplasticism

14. Identify the following Minnesota politicians FTPE.

a. This man surfaced in the news recently for criticizing Dick Cheney for overstepping his role, He was Vice President under Jimmy Carter and subsequently the 1984 Democratic Presidential nominee.

Answer: Walter Frederick Mondale (or "Fritz" Mondale)

b. Mondale's name appeared on a Senate ballot in 2002, replacing this two-term anti-war senator who was killed in a plane crash 11 days before the election. At his memorial service, some eulogizers urged the crowd to vote for Mondale.

Answer: Paul Wellstone

c. This youngest-ever governor of Minnesota resigned that office in 1943 to serve in the Army. He ran for U.S. President nine times, achieving one presidency: that of the University of Pennsylvania.

Answer: Harold Stassen

15. For ten points each, given a human organ, identify the germ layer from which it originated.

a) heart

Answer: Mesoderm

b) kidney

Answer: Mesoderm

c) spinal cord

Answer: Ectoderm

16. It's that time again: for 10 points each, given a wonder of the ancient world, name the city in which it was built.

A. (10 points) The Hanging Gardens

Answer: Babylon

B. (10 points) The Mausoleum of Mausollos

Answer: Halicarnassus

C. (10 points) The Temple of Artemis

Answer: Ephesus

17. For ten points each name the creators of these famous fictional settings.

a. Tilbury Town

Answer: Edwin Arlington Robinson

b. Gilead

Answer: Margaret Atwood

c. Laurania

Answer: Winston Churchill

18. Name these early explorers of the great land now known as Canada, for ten points each.

a. He proposed to the merchants of Bristol, England that he could find a better route to Asia than Spain's by taking a more northerly tack than had Columbus, resulting, in 1497, in the first European landing at Newfoundland since that of Leif Erikson.

Answer: John Cabot (do not accept Sebastian Cabot)

b. No more successful than Cabot at finding a route to Asia, he explored the land around Baffin Island in the 1570s looking for precious metals, but the ore that he shipped back was, sadly, worthless.

Answer: Martin Frobisher

c. Even after he had secured his place in Canadian history by founding Quebec City in 1608, he was still determined to find the Northwest Passage, the goal of his famous travels up the Ottawa River.

Answer: Samuel de Champlain

19. Name these indicators from descriptions FTPE.

a) This compound once used in laxatives is colorless in acidic solutions and pink in alkaline solutions.

Answer: phenolphthalein

b) Useful for detecting the pH of solutions that are nearly neutral, this compound is yellow in acidic solutions, green in neutral solutions, and blue in alkaline solutions.

Answer: bromothymol blue

c) Used in titrating strong acids with weak bases, this indicator changes from red in solutions with pH below 3.1 to yellow in solutions with pH above 4.4.

Answer: methyl orange

20. For 10 points each, given the symptoms of a psychosexual fixation, name the fixation.

A. (10 points) Obsession with organization or excessive neatness.

Answer: Anal-Retentive

B. (10 points) Passive dependence and excessive eating or smoking.

Answer: Oral Fixation or Oral Craving

C. (10 points) Recklessness, defiance, and disorganization.

Answer: Anal-Expulsive

21. For ten points each, name these animal phyla from members.

a) *Drosophila melanogaster*

Answer: Arthropoda

b) Octopi

Answer: Mollusca

c) Planaria

Answer: Platyhelminthes

22. Name these early works of Gothic fiction for ten points each.

a. By far the most famous work of Matthew Lewis, this self-parodic 1796 novel centers around the lustful Ambrosio, who rapes and murders Antonia, is captured by the Inquisition, and tries to cheat death by selling his soul to the Devil.

Answer: The Monk

b. This 1816 novel by E.T.A. Hoffmann mentions *The Monk*. It features a monk named Medardus, who, after drinking an evil potion, leaves his convent to take over his twin brother's life.

Answer: Die Elixiere des Teufels (or The Devil's Elixir or close equivalents)

c. Samuel Taylor Coleridge castigated Gothic fiction in general in a scathing review of *The Monk*. But a year later he began writing this unfinished Gothic poem featuring the frightening Geraldine, who might be a vampire.

Answer: Christabel