

Questions by Paul McCord, Travis Lightsey, Kristi Hall, Gabe Cornett, Vida Moultrie, Stephen Taylor and probably Clyde Soumas, for all we know

1. Originally based on the implications of one-dimensional strings, by the mid-1990s it became apparent that string theories could be extended to include **these** multi-dimensional objects as well. Their name derives from multi-dimensional, membrane-like structures, and the generalized variable “p” which denotes their multi-dimensionality. FTP what are these objects of quantum superstring theory, which sound more like a childish insult directed toward younger siblings?

Answer: p-branes

2. Grief over **his** lost son inspired the poem “Threnody,” and a visit to the British Isles provided the raw material for an essay entitled “English Traits.” In 1836 he startled church leaders by claiming it was possible to abstain from organized religion and reach a lofty spiritual state by studying the natural world. His work influenced not only the writers who gathered around him, but also the public, who heard him lecture. Born in 1803, FTP name this central figure of Transcendentalism who wrote *Nature*.

Answer: Ralph Waldo Emerson

3. The narrator of **this work** is a builder of the Integral, a huge rocketship that will bring the blessings of the One State to the rest of the cosmos. As the launch approaches, his mathematically ordained happiness diminishes, as a new variable, the alluring I-330, disrupts his equation. *I* tempts *D* with forbidden vices, including unscheduled sex (as well as unscheduled celibacy) and subversive ideas, eventually causing him to develop an incurable condition: a soul. Written as a series of D-503’s journal entries, FTP name this novel by Yevgeny Zamyatin.

Answer: We

4. After the death of his wife in 1642 **he** became involved with the Mennonites. He was a contemporary of Judith Leyster, also making a name for himself as a portrait painter. His famous group portrait “The Company of Captain Frans Banning Cocq” is meant to portray a day scene, belying the later given name. FTP name the Dutch painter of “Supper at Emmaus” and “The Night Watch”

Answer: Rembrandt van Rijn

5. **It** was originally a title meaning “war chief” but by the late 8th century, Muslim traders used the term geographically, to refer to the land of the Soninke. After its conquest of Awdaghost, it became a major trading power, with its government centered at Kumbi. FTP name this West African kingdom which lost its influence due to the rise of Mali.

Answer: Ghana

6. **His** father was a surgeon accused of rape, and his mother changed her name to Speranza Francesca. He won a scholarship to Oxford, and in 1880 wrote his first play *The Nihilist*, before joining the staff of Woman’s World magazine. Gaining early fame for children’s works such as *The Happy Prince* and *The House of Pomegranates*, he went on to write essays such as *The Soul Of Man Under Socialism*. FTP identify this Dublin-born author of *Lady Windemere’s Fan* and *The Picture of Dorian Gray*.

Answer: Oscar Wilde

7. In about 458 BCE, **it** won the Dionysian competition of tragedies. Accompanying it was a lighthearted comedy, *Proteus*, but it has not survived. The theme of the trilogy is justice, and its story is a legend that was already well known to the audience that saw the performance. This particular story is the story of the house of Atreus, of a series of retributive murders that stained the hands of three generations of a royal family. The three parts are *Agamemnon*, *Choepheroi*, and *Eumenides*. FTP, name this trilogy named after the son of Agamemnon and Clytemnestra, written by Aeschylus.

Answer: the Oresteia

8. Jeremiah Evarts and William Freylinghausen were early members of **this party**. Though modern students frequently associate it with moral elitism, it attracted many native-born factory workers as well as its core of merchants, bankers, and cotton factors. Generally opposed to territorial expansion, they joined some northern Democrats in opposing the war with Mexico, though they are perhaps better known for their advocacy of high protective tariffs, federal funding for internal improvements, and centralized economic planning. FTP name this party, which elected two presidents, neither of whom was Henry Clay.

Answer: Whigs or Whig Party

9. It does **not** contain the phrase “and of all things visible and invisible” (or “seen and unseen”) after the opening phrase, “I believe in God, the Father almighty, creator of heaven and earth.” It goes on to say, “I believe in Jesus Christ, his only Son, our Lord. He was conceived by the power of the Holy Spirit and born of the Virgin Mary. He suffered under Pontius Pilate, was crucified, died, and was buried. He descended to the dead. On the third day he rose again.” FTP, this is a portion of what creed, which predates the Nicene Creed?

Answer: The **Apostles' Creed** (do not accept Nicene Creed—that's VERY different)

10. After the 2003 season, **he** decided to run a limited schedule in 2004. So far he has won 44 races and was the Winston Cup champion in 1988. In 1985, he became the first driver to win the Winston Million. FTP, name this Dawsonville, Georgia native who currently drives the #91 Dodge in the NASCAR Nextel Cup Series.

Answer: Bill Elliott

11. It began in 494BC with a general strike. Among its successes were the passage of the Lex Cnuleia, which allowed intermarriage; the Lex Hortensia, which made acts of the concilium plebis binding on all citizens, and the publication of the Twelve Tables, making Roman law a matter of public record. FTP name this political conflict, the focus of Livy's History of Rome, which defined Roman citizenship.

Answer: Struggle of the Orders

12. It is used for the lights on an airfield's runway, because the bright red light can easily penetrate fog. In 1960 the International Commission on Weights and Measures decided to use this element's characteristic wavelength in its definition of the meter. FTP name this noble gas, element number 36.

Answer: Krypton

13. **This work's** protagonist enlists in the 304th Regiment of New York Volunteers. After months of training, the character wonders how he will react when faced with actual battle. After fleeing during a battle, and witnessing his friend's death, Henry Fleming begins to desire a wound, which he gets when a panicked deserter hits him on the head with his rifle. FTP, these actions describe what brief work by Stephen Crane?

Answer: The Red Badge of Courage

14. Measuring approximately 2000 kilometers across, it is similar in size to Pluto. Named after the Inuit goddess of the ocean, it is 13 billion kilometers from the sun, and nearly three times farther than Pluto. FTP, name this potential tenth planet, discovered in November of 2003.

Answer: Sedna

15. The first elected governor of New York, **he** served as Vice President for two administrations. During Thomas Jefferson's second term, he replaced Aaron Burr. Then during James Madison's first term, he served again, though he had run for President against Madison. FTP, name this man, the first person to lie in state in the Capitol, who formed an American Parliament—or was it Funkadelic?

Answer: George Clinton

16. They were discovered accidentally in 1895. While working with a gas-discharge tube, Wilhelm Roentgen noticed that a piece of fluorescent paper across the lab was glowing, apparently from being exposed to some unknown radiation emitted from the tube. FTP, name this high-frequency, high-energy electromagnetic radiation.

Answer: X-rays

17. It is not Hel, though it is a land of cold and darkness, a place for the tortured souls of the evil dead. To reach it one must travel nine days down from Midgard on the Helway. One must cross Gjallarbra, guarded by Modgud, and pass the Helgrind. Sleetcold is located here. FTP name this world of the dead, ruled by Hel.

Answer: Niflheim, (accept Niflhel, Misty Hell, or Misty World)

18. They were invented by Alexander Liepa of Montgomery, a suburb of Cincinnati, Ohio, and first hit the market in 1968, though they did not become popular nationally until the mid-1970s. The patent citation describes them as a “product and process wherein a dough is prepared from dehydrated cooked potatoes and water is subsequently fried.” FTP name this product, whose containers make great Wi-Fi network antennas, known by its slogan, “Once you pop you can’t stop.”

Answer: Pringles

19. It is likely the only town in the world named after a wooden plunger—its name refers to a churn used to make fermented mare's milk. It's a relaxed city of wide streets and handsome houses that likes to boast that it has more trees per person than any other Central Asian city. The city's history dates only as far back as 1825, and very little architecture predates World War Two. A jumping-off point for tourists visiting the Tian Shan mountains and Lake Issyk-Kul, and for the overland crossing into China via the Torugart Pass, it rests in the shadow of the snowcapped ramparts of the Kyrgyz Alatau. FTP identify this city, formerly known as Frunze, the capital and only major city of Kyrgyzstan.

Answer: Bishkek

20. In the bus arrangement, all devices are connected to a central cable, the bus or backbone. In the ring arrangement, all devices are connected to two other devices in a closed loop. In the star arrangement, all devices are connected to a central hub. Bus, ring, and star are the three basic shapes of a local-area network. FTP give the term that identifies these arrangements, also the word that refers to the anatomical structure of a specific area of the body in medical jargon, or the study of a geographical area's physical characteristics in geology.

Answer: topography

21. Just over 2300 years ago, it controlled an empire of approximately three million square miles. Today that is reduced to just under ten thousand square miles. Back then, it was the center of cultural interaction among Persians, Romans, Hindus, and Egyptians. Now it is the center of cultural conflict among Albanians, Serbs, and Greeks. Then its official language was Greek--today seventy percent of its inhabitants speak a Slavic language. In other words, about the only thing left of this historic empire centered in southeastern Europe is its name. FTP name this homeland of Alexander the Great.

Answer: Macedonia

22. This theory holds that a lone superpower provides order to the international system, reduces anarchy, and provides some functions similar to a central government's—deterrence of aggression, promotion of free trade, and providing of a hard currency that can be used as a world (or at least regional) standard. Such a powerful nation can help to resolve or at least keep in check conflicts among middle powers and even other great powers. FTP, name this theory of international relations, based on the stabilizing effects of a lone superpower.

Answer: Theory of hegemonic stability

23. It began when French knights were invited to settle in Castile after Alfonso VI's conquest of Toledo. In 1233 James the Conqueror took Valencia, and in 1248 Ferdinand's forces claimed Seville. FTP name this movement, completed in 1492 with the expulsion of Muslim forces from Granada.

Answer: Reconquista

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1. *[NOTE to moderators and teams: The rest of the Macon State College quiz bowl team wishes it to be generally announced and known that Paul McCord is solely responsible for this bonus. We had nothing to do with it, we swear. We don't even own Members Only jackets—never have. Honest.]*

Remember those sporty Members Only jackets? Well, how well do you know your own member (that is, if you have one?) Answer the following about the anatomy of the penis FTPE, and no fair peeking.

This is the scientific name for the bulbous head or tip of the penis.

Answer: glans penis

The glans supports this fold of skin which can be retracted to aid sexual insertion, also called the foreskin.

Answer: prepuce (pree-pyuce)

This is the area on the underside of the penis where the prepuce attaches. My friend Adam recently had his pierced.

Answer: frenum or frenulum

2. Take a "Journey" and identify these "cities by the bay" FTPE.

1. Located on the shores of the Bay of Good Hope, this city has a population of about 13000, mostly Inuit, with a small Danish minority as well. It is home to one of the world's northernmost ice-free harbors, as well as large fish-processing plants and the University of Greenland.

Answer: Nuuk (prompt on Godthaab—that's its old name)

2. This city located on the Bay of Fundy is home to a geographic anomaly--exceptionally high tides cause the falls of a nearby river to change directions. In 1783, thousands of United Empire Loyalists settled in this city, now the capital of New Brunswick.

Answer: Saint John (not St. John's--that's in Newfoundland)

3. Like neighboring Newcastle, it lies on the shores of Botany Bay, along which its most famous landmark--an oddly shaped opera house--rests. Its population of about 3 million makes it Australia's largest city.

Answer: Sydney

3. Answer the following questions about torque—well, actually about Peter Tork.

5: Tork was the last to join and the first to leave this so-called pop group formed by impresario Don Kirschner.

Answer: The Monkees

10: Tork was recommended for the job with the Monkees by this guitarist and vocalist, who was rejected by Kirschner because of crooked teeth—an obstacle which did not hinder him from forming Buffalo Springfield with Neil Young.

Answer: Stephen Stills

15: IMDB lists Tork as playing Jedediah Lawrence in two episodes of this ABC sitcom, which also starred Ben Savage as Cory and Danielle Fishel as Topanga.

Answer: Boy Meets World

4. The Young Indiana Jones series is a wealth of knowledge on the WWI era, and entertaining to boot. For ten points given a plot from the show name the real historical person involved. Five points if more information is needed.

10: In 1917 Indy befriends and then becomes rivals for the love of a woman, to this fellow American. Both young men are wounded in Italy.

5: A volunteer ambulance driver. He wrote about an ambulance driver in "Farewell to Arms"

Answer: Ernest Hemingway

10: Also in 1917 Indy joins the French Foreign Legion, in North Africa. He fights Berbers and flirts with this older woman author whom he is to escort as she tours.

5: She wrote about social hypocrisy, winning the 1921 Pulitzer Prize for "The Age of Innocence"

Answer: Edith Wharton

10: In 1919 Indy is marooned by pirates on a South Pacific island, where he is saved from headhunters by this social scientist who helps him accept that his true calling is archaeology, not treasure hunting.

5: He is an anthropologist, noted for his extensive work in the Trobriand islands.

Answer: Bronislaw Malinowski

5. FTP give the Shakespearian play given a list of characters. Five points if other characters are needed.

10: Adrian, Trinculo, and Francisco

5: Ciliban, Alonso, and Miranda

Answer: **The Tempest**

10: Maria, Sir Tody Belch, and Curio

5: Malvolio, Sebastian, and Viola

Answer: **Twelfth Night**; or What You Will

10: Aaron, Publius, and Chiron

5: Tamera, Lavinia, and Saturninus

Answer: **Titus Andronicus**

6. You think Presidents Rutherford Hayes, James Garfield, and Chester Arthur are difficult to remember? FTPE, name their Vice Presidents on my prompt.

10: Who was Rutherford Hayes' Vice President from 1877-1881?

Answer: William Almon **Wheeler**

10: Who was James Garfield's Vice President in 1881?

Answer: Chester Alan **Arthur**

10: Who was Chester Arthur's Vice President from 1881-1885?

Answer: **No One** [accept equivalents]

(Writer's Note: Arthur assumed the presidency upon the death of President Garfield, and there was no provision to replace the Vice President until the 25th Amendment was ratified.)

7. 30-20-10 Name the artist from works:

30- *Portrait of Juan de Pareja, the Assistant to Velazquez; Galatea of the Spheres; Meditative Rose*

20- *Sacrament of the Last Supper; Hallucinogenic Toreador, The Elephants*

10- *The Persistence of Memory*

Answer: **Salvador Dalí**

8. Given a few big battles, name the European war FTPE

a) Blenheim, Ramillies, Malplaquet

Answer: War of the **Spanish Succession**

b) Poitiers, Crecy, Agincourt

Answer: **Hundred Years' War**

c) Hopton Heath, Marston Moor, Naseby

Answer: **English Civil War**

9. Given characters, name the novel, 10 points each.

a. Mrs. Loftus, Judge Thatcher, Aunt Polly and Jim

Answer: Adventures of **Huckleberry Finn**

b. Charles Darnay, Sydney Carton, Marquis St. Evremonde and C.J. Stryver

Answer: **A Tale of Two Cities**

c. Governor Bellingham, Mistress Hibbins, Pearl and Arthur Dimmesdale

Answer: The **Scarlet Letter**

10. Answer the following about theories or concepts of physics FTPE.

This theory unifies the four fundamental forces of nature and is the goal of researchers of quantum gravity.

Answer: **theory of everything** or **Unified field theory**

According to the Big Bang theory, if the expansion of the universe is slowing, the end of the universe will be this super-compression into a gravitational singularity.

Answer: **Big Crunch**

According to the Big Bang theory, if the expansion of the universe is accelerating, the end will be this universal asymptotic approach to absolute zero.

Answer: **Big Freeze** or **heat death**

11. They're sort of like the "Gerry and the Pacemakers" of Greek philosophy. Name the following Greek philosophers who are not Socrates, Plato, or Aristotle.

Considered by many to be the first of the Western philosophers, he concluded that all matter is reducible to one element, water, in the sixth century BCE.

Answer: Thales

A student of Thales, he rejected his teacher's idea that the earth was supported by anything, asking if water supports earth, then what supports water? He thus believed the earth to be hanging unsupported, isolated in space.

Answer: Anaximander

Finally, this philosopher lived in Italy, where he derived the meanings of the words we now know as *theory*, *philosophy*, and *cosmos*, as well as introducing the ideas of the *square* and *cube* of a number.

Answer: Pythagoras

12. The Atlanta Braves opening day lineup in 2004 saw some new faces. FTSNOP:

10) A college star at Florida State. this rightfielder, acquired from the Cardinals, took over for Gary Sheffield.

Answer: JD Drew

10) Taking Javier Lopez's spot was this catcher, acquired a year earlier from the Phillies in the Kevin Millwood trade.

Answer: Johnny Estrada

5/5) Breaking into the starting lineup at the corners were these two players, who spent last year as pinch-hitters and occasional starters.

Answers: Julio Franco, Mark Derosa

13. The five-kingdom system is outdated, and in its place is a new system which reorganizes the top of the taxonomical hierarchy by dividing all living things into three domains, which are higher than kingdoms. Answer the following FTPE.

10- Name this system, introduced in the 1980s.

Answer: three-domain system

10- Name the American biologist who established it after discovering a new subset of prokaryotes that are not bacteria.

Answer: Carl Woese

5- With Bacteria being the first domain, name the other prokaryotic domain, considered to be a type of bacteria until genetic comparison proved otherwise.

Answer: archaea

5- This third domain contains the non-prokaryotic kingdoms animalia, plantae, protista, and fungi.

Answer: eukarya or eukaryota

14. FTPE identify these parts of the "Intolerable Acts" of 1774.

This act ordered the Navy to close Boston harbor until the Privy Council could certify that the city had paid its debts to the British East India Company.

Answer: Boston Port Act or Bill

This act permitted any person charged with murder while enforcing royal authority in Massachusetts to be tried in England.

Answer: Administration of Justice Act

This act allowed military forces to confiscate supplies and buildings on an as-needed basis—essentially licensing theft by the military.

Answer: Quartering Act

15. Name these *American* Nobel Prize winners in Literature on a 10-5 basis—10 if you only need the year, or 5 if you need a work.

10- Won the prize in 1948

5- Author of *The Waste Land*

Answer: T.S. Eliot

10- Won the prize in 1938

5- Author of *The Good Earth*

Answer: Pearl S. Buck

10- Won the prize in 1936

5- Author of *Long Day's Journey Into Night*

Answer: Eugene O'Neill

16. Given a brief description, name the season of the Christian liturgical calendar. 10 points each

a. the 4 Sundays prior to Christmas

Answer: Advent

b. the 40 days prior to Easter

Answer: Lent

c. the week prior to Easter Sunday

Answer: Holy Week

17. Name the following composers FTPE.

Considered the first Baroque composer, this Italian was also a violinist and singer, and he wrote the first dramatically viable opera, *Orfeo*, in 1609, for the annual carnival of Mantua.

Answer: Claudio Monteverdi

This early Classical composer composed nearly 200 sonatas and other solos, and was the son of one of the leading Baroque composers.

Answer: Carl Phillip Emanuel Bach –or– C.P.E. Bach

Considered by some to be the last Classical composer and the first Romantic composer, this German was the predominant musical figure in the transitional period between the Classical and Romantic eras.

Answer: Ludwig von Beethoven

18. Given an atomic number, name the element, 5 points each.

a. 46

Palladium

b. 38

Strontium

c. 96

Curium

d. 102

Nobelium

e. 10

Neon

f. 55

Cesium

19. Grammar sucks, don't it? Answer the following grammar-related questions FTPE.

What is the term describing the intermediate degree of comparison of adjectives, such as "better", "sweeter", or "more wonderful"?

Answer: comparative

What is the term describing the intermediate degree of comparison of adjectives, such as "best", "sweetest", or "most wonderful"?

Answer: superlative

What is the term for a word (typically a conjunction) serving to establish a relationship of contrast or opposition, such as the word "but" in the phrase "poor but happy"?

Answer: disjunctive

20. FTPE answer the following about early Japan.

A devout Buddhist, this prince opened diplomatic relations with China's Sui dynasty. The author of the Seventeen Article Constitution, he is probably best known for sponsoring the construction of the original Horyuji temple.

Answer: Shotoku

These reforms enacted in 645 included the creation of an imperial bureaucracy, outlawing the ownership of private land, and the institution of head taxes.

Answer: Taika reforms

Japan's first true city, it was opened in 710 AD and was modeled on the Tang capital at Chang'an. It lost its role as capital in 794 due to controversies surrounding the role of Buddhist monks in government.

Answer: Nara or Heijo (do not accept Heian-Kyo or Kyoto—that's different)

21. Name the type of artificial satellite (as in communications satellites) on a 15-5 basis.

15- It orbits only a few hundred miles above earth.

5- Its low orbit requires it to move very fast and allows very limited surface coverage, so a network or swarm of them is necessary to cover the earth sufficiently for satellite communications.

Answer: Low-Earth Orbit (accept LEO or LEOSAT)

15- It orbits at 35,860 km or 22,282 miles from earth directly above the equator.

5- It orbits at a speed matching the earth's rotation, so it is always in the same position relative to the earth.

Answer: Geostationary (prompt on GEO or GEOSAT)

22. Yoga is not a set of exercise or a meditation technique. It is the state when the mind is still. For the stated number of points, answer these questions about yoga.

15: Give the name for the group of physical postures equated with yoga in the west.

Answer: asana

10: Name the energy reservoir at the base of the spine, meaning "She who is coiled"

Answer: kundalini

5: Step the feet wide, right foot turns forward. Left foot turns in. Keeping both legs straight, place right hand on the floor behind right foot. Name this geometric pose.

Answer: triangle pose or trikonasana

23. FTPE identify these terms frequently used by economists.

According to this theory primarily identified with Alfred Marshall, demand is the primary force in determining price and is based on a commodity's utility. The state is purely competitive—with many buyers and sellers, many homogenous products, mostly uniform prices, and no special influences on prices such as might be exerted by monopolies, advertising, etc.

Answer: Marginalism

✎ In the 1840s, the rising price of potatoes left a much smaller portion of the lower class's income to be spent on other goods. Potatoes being the staple food product and still being comparatively cheap, their demand actually rose when their price went up because peasants could no longer afford more expensive goods. Name this type of inferior good which disobeys normal demand curves.

Answer: Giffen good

✎ Using this type of analysis, problems are divided into a number of sub-problems. Then, each sub-problem is solved by removing the barriers between the present situation and the goal.

Answer: Means-Ends Analysis