

1. The integral from 0 to Pi of the cosine of x; the derivative of a constant; the displacement of an object that leaves its original spot and then returns to it, and the number on the Kelvin scale equivalent to minus 459.67 degrees Fahrenheit. FTP, these are all what number that also happens to be how many points your team has right now?

Answer: 0

2. Under the pseudonym Mary Westmacott she wrote romantic novels such as *Absent in the Spring*. Her play *The Mousetrap* set a world record with its 21-year run in the same theatre. She introduced her second most memorable character, Jane Marple, in *Murder at the Vicarage*. FTP name this prolific mystery writer, creator of Hercule Poirot [pwah-ROW].

Answer: Agatha Christie

3. They are particles that participate in gravitational and weak interactions. They may also participate in electromagnetic interactions such as e and (e to the + power); but they do not directly participate in strong interactions. FTP, what is this class of particles which includes muons?

Answer: leptons

4. Their names are Jack and Meg. Their first big splash came when the video for "Fell In Love With A Girl," featuring Lego representations of them, was in heavy rotation on MTV. This is, FTP, what two-piece band who most recently had a hit with "Seven Nation Army"?

Answer: The White Stripes

5. Eight anarchists attending the meeting were arrested and charged with being accessories to the crime, on the grounds that they had publicly and frequently advocated such violence. Seven were sentenced to death and one to imprisonment. This was the result of what fiasco that occurred on May 4, 1886 in Chicago when police attempted to disperse a meeting of disgruntled German reapers, but went horribly wrong when a riot ensued followed by a severe gun battle.

Answer: Haymarket Square Riot

6. When completed, this memorial will be the world's largest carving, standing 563 feet tall. The brainchild of Korczak Ziolkowski, it has been in development since 1947. FTP name this memorial, found in South Dakota and dedicated to an Oglala Sioux warrior who played a key role at Little Big Horn.

Answer: the Crazy Horse Memorial

7. In 1965 Arno Penzias and Robert Wilson were doing radio astronomy research for Bell Labs. They initially thought that pigeons roosting in their horn-shaped antenna might be the source of the data. But it turned out to be this phenomenon, which eventually led to them receiving a joint Physics Nobel Prize in 1978. For ten points, their radio telescope's stubborn background noise turned out to be this.

Answer: Cosmic Background Radiation

8. One of them wrote influential scholarly literary works such as his study "The German Heroic Tale." The other produced an extensive grammar of the German language and demonstrated the principle of the regularity of correspondence of consonants in genetically linked languages. FTP name these scholars, better known for their efforts to document folk lyrics, particularly fairy tales.

Answer: Jacob and Wilhelm (the Brothers) Grimm

9. In 1838 one of their leaders, Dingane [*dean-GAH-nay*], ambushed and killed about 500 Boers. The Boers retaliated, beating them at the Battle of Blood River and installing the pro-Boer Mpande [*umm-PAHN-day*] as king. Mpande's son Cetshwayo fended off British conquest with a victory at Isandhlwana, but failed in an assault on Rorke's Drift and were ultimately beaten at Ulundi. They reached perhaps their zenith in the early 1800's under the skilled leadership of Shaka. FTP name this people of South Africa.

Answer: Zulu(s)

10. Most now refer to themselves as “Dalit,” meaning oppressed or exploited. The status was officially abolished by Article 17 of the Indian Constitution, though in practice not much has changed for them, especially in small towns and rural areas. Gandhi chose to call them “Harijan,” or children of God. FTP what is this lowest group in India’s caste system?

Answer: **Untouchables** (acc. “Harijan” before mentioned in question)

11. Members of this phylum usually have a complete digestive tract and have some features that are bilateral, such as the shape of their larvae. But the bodies of adults exhibit a characteristic radial symmetry. FTP name this phylum, which includes sea urchins and sand dollars.

Answer: **Echinodermata** or echinoderms

12. In German it is nicknamed “mit dem Paukenschlag,” meaning “with the drumbeat.” First performed in London in 1791, its German composer wanted to increase his already strong popularity with a novelty that would grab the attention of the knowledgeable public. The composer’s symphony number 94 in G, FTP what is the common nickname of this perhaps most popular Haydn work, so called because of the sudden loud chord that pops up in a quiet movement?

Answer: **Surprise** Symphony

13. While esteemed in modern times, as in T.S. Eliot’s influential 1921 essay about them, they were given their nickname as an epithet. In 1630 their contemporary William Drummond objected to those who tried to “abstract poetry” and dismissed as “scholastic quiddities” their use of paradox, irony, other complexities, and bold conceits. FTP name this school of poetry, a blend of emotion and intellect, whose leading lights included George Herbert, Andrew Marvell, and John Donne.

Answer: **Metaphysical** poets

14. This woman, who moved to Michigan about 35 years ago, found her name in the news again in 2001 with the auction of a 1936 model GM 36-seater. The sign on the back says “Cleveland Avenue,” and the number 2857 above the driver’s seat was also found in an archive of clippings from 1955. The bus is famous, FTP, because it was in use in Montgomery, Alabama when what person refused to move, setting off an historic 11-month boycott?

A: Rosa **Parks**

15. This small nation on the eastern Mediterranean packs over four million people into just 10,000 square kilometers. Most of its foodstuffs are grown in its central Bekaa valley. Prior to the outbreak of civil war in 1975 it was one of the most prosperous Arab nations, but currently it is rebuilding cities demolished by fighting between the Hizbullah, Christian militias and Israeli forces. FTP name this nation with much-ravaged capital at Beirut.

Answer: **Lebanon**

16. The main characters lived in the same house in San Francisco. Their names were Jesse, Joey, Danny, Michelle, Stephanie, and D.J. FTP, identify this sitcom that starred Bob Saget, Dave Coulier, John Stamos, and the Olsen twins.

Answer: **Full House**

17. The unrest began in the northern Shandong province, where a drought had created starvation. Men in the province began practicing martial arts together, and soon believed they were impervious to bullets. Originally angry at Ch’ing rule, the Dowager Empress managed to turn their wrath toward foreigners, and a number of missionaries and businessmen were killed. This describes the beginning of, FTP, what Chinese uprising of 1901?

Answer: **Boxer Rebellion**

18. His major works include *Philosophy of History* and *Philosophy of Right*. He saw the social world as being composed of ideas, manifested in the concept of *Geist*, or world spirit. Despite his apparent conservatism, he heavily influence Karl Marx, both in his critique of commercialism and in his view of history as a continuing process of thesis, antithesis, and synthesis. FTP name this German philosopher, proponent of the concept of the dialectic.

Answer: Georg Wilhelm Fredrich **Hegel**

19. Its natural oxidation state is +3 and its reduction potential is -1.66 Volts, so that it cannot be reduced by carbon or other chemical reducing agents. Large quantities of it are obtained from the Hall-Heroult process by removing iron impurities and water from its natural form. What is this element, FTP, which occurs naturally in the form of bauxite and has atomic number 13?

Answer: aluminum

20. His story collections included *Winner Take Nothing*, *The Fifth Column and the First 49 Stories*, and *Men Without Women*, which contained "Hills Like White Elephants." Works published posthumously include the memoir *A Moveable Feast* and three closely related novellas published together as *Islands in the Stream*. FTP name the author of *A Farewell to Arms* and *The Old Man and the Sea*.

Answer: Ernest **Hemingway**

21. In 1616, she went with Governor Thomas Dale and her husband Thomas Wolfe to England, where she became a social celebrity. However, she died of smallpox and is buried in the chancel of St. George's Church in Gravesend under her Christian name, Rebecca Wolfe. Her personal name was Mataoka, and she was the daughter of Powhatan. According to legend, she saved John Smith from execution. FTP, name this heroine of a more than typically dreadful Disney movie.

Answer: **Pocahontas**

22. Rosemary and her mother spent a summer at a posh hotel in the Riviera, where they encountered many interesting characters including Nicole, Dick, and their children. As this novel progresses, Rosemary discovers the truth about her new friends, and their relationship, and her part in its subsequent demise. FTP name this novel first published in 1933 and written by F. Scott Fitzgerald.

Answer: *Tender is the Night*

23. This classic film stars Olivia de Havilland and Montgomery Clift. The famous ending scene depicts a woman ascending a staircase while a distraught man pounds desperately on the door, begging for her to let him in. Catherine Sloper had just jilted Morris Townsend, the man who had abandoned her years earlier, when he discovered that she was not going to inherit all of her father's fortune. FTP please name this film based on Washington Square, based on a novel by Henry James.

Answer: **The Heiress**

1. FTPE, name these science-fiction classics.

a) This Robert Heinlein work begins, "Once upon a time there was a Martian named Valentine Michael Smith."

Answer: **Stranger in a Strange Land**

b) This Arthur C. Clarke novel is probably more famous for its film adaptation. In it, the computer HAL goes berserk.

Answer: **2001: A Space Odyssey**

c) Paul Atreides is the hero of this Frank Herbert work, taking place on a desert planet.

Answer: **Dune**

2. FTSNOP answer the following about an ancient catastrophe:

A. For 5 points, what dormant volcano erupted on Aug 24, AD 79 and destroyed several Roman towns?

Answer: **Vesuvius**

B. For 10, name the great Roman encyclopedist killed in rescue operations, whose heroic efforts were described by his nephew in a letter to Tacitus.

Answer: **Pliny the Elder**

C. 5 for one, 15 for two, name any two of the three towns destroyed by the eruption of Vesuvius in AD 79.

Answers: **Pompeii, Herculaneum, Stabiae** (accept Oplontis)

3. **THE NEWLY DEAD GAME:** Besides crossing musical lines with great success, the late Johnny Cash also helped further the careers of some surprising artists. Name the following examples FTPE:

(a) Cash's influence on this singer/songwriter's transition from folk to rock is evident in this man's album *Nashville Skyline*. Cash and his wife June had a hit with "It Ain't Me, Babe," by this man.

Answer: **Bob Dylan** [if some showoff says Robert Zimmerman, give them ten points but scold them]

(b) Cash helped this Rhodes Scholar get recording gigs and gave him his first hit by recording his "Sunday Morning Coming Down." He and Cash later joined forces with Waylon Jennings and Willie Nelson as the Highwaymen.

Answer: **Kris Kristofferson**

(c) One of Cash's biggest hits, "A Boy Named Sue," helped popularize this songwriter, who also penned such memorable children's poetry collections as *Where the Sidewalk Ends* and *A Light in the Attic*.

Answer: Shel(by) **Silverstein**

4. Pencil and paper may be helpful. A 2 ohm resistor is connected in series with a 10 volt battery. You have 10 seconds per part, but you must include the unit with your answer. FTPE:

10) How much current flows through the circuit?

Answer: **5 amps** or amperes

10) How much power is dissipated in the resistor?

Answer: **50 watts**

10) If another 2 ohm resistor is attached in parallel to the first resistor, how much current flows through one resistor?

Answer: **5 amps** or amperes

5. Arguably one of the highwater marks in American literary history was a period in 1884-85 when three noteworthy novels overlapped as serials in the magazine *Century*. Name the authors of those three novels, 5-10-15:

5) The Adventures of Huckleberry Finn

Answer: **Mark Twain** or Samuel **Clemens**

10) The Bostonians

Answer: **Henry James** (prompt on last name)

15) The Rise of Silas Lapham

Answer: William Dean **Howells** (sorry, not Howell)

6. Answer the following about the Magna Carta 5-10-20-30.

A. First, what English king signed it?

Answer: **John**

B. In what year?

A. **1215**

C. What was the name of the field where the barons forced John to sign it?

A. **Runnymede**

D. What pope annulled the charter?

A. **Innocent III**

7. Even if you've never heard of William Graham Sumner, you may know of his work. FTPE:

(a) The title of Sumner's best-known work was this word which he coined to describe the less strongly sanctioned everyday customs of a social community.

Answer: **folkways**

(b) Folkways are contrasted with these more strongly prescribed and generally understood forms of behavior within the community.

Answer: **mores** (pronounced "morays" but accept phonetically plausible variants)

(c) Sumner also coined this word for the belief that one's own group is more important and/or culturally superior to others. Ironically, one reason his work today is seldom read is that Sumner asserted views on the genetic superiority of white people, a classic example of this concept.

Answer: **ethnocentrism** (accept ethnocentric)

8. 30-20-10 name the author.

30) He told his friend Max Brod to burn all his manuscripts upon his death; luckily, Brod didn't, and published it along with interpretations of this man's enigmatic works.

20) Joseph K is sentenced for an unknown crime in *The Trial*, and the main character of *The Castle* wanders through a weird village, unable to gain entrance to the title place.

10) His most famous story is undoubtedly the unfortunate tale of Gregor Samsa, as related in *The Metamorphoses*.

Answer: Franz **Kafka**

9. There's gold in this here question! FTSNOP:

A. For 5, give the chemical symbol for gold.

Answer: **Au**

B. For 10, 1940's research found gold compounds can help treat this joint disease.

Answer: rheumatoid **arthritis**

C. For 15, this poison is used in the process of getting pure gold out of ore.

Answer: sodium **cyanide**

10. Answer the following about Heracles' trials and labours FTSNOP.

A. For 10, What item was Heracles assigned to retrieve from the Amazons?

Answer: Hippolyta's **girdle** or belt

B. For 5 points-This would have been accomplished peacefully had a goddess not intervened and provoked several Amazons to violence. Who was this meddling goddess?

Answer: **Hera**

C. For 10, Another time Hera sent this crab to attack Heracles while he was preoccupied fighting another creature.

Answer: **Cancer**

D. For 5 - what watery monster was Heracles then fighting?

Answer: **Hydra**

11. **VISUAL BONUS:** [hand out attachment] Again, F5PE name the President from a picture:

Answers:

1. William Howard **Taft**
2. William Henry **Harrison**
3. William **McKinley**
4. James **Polk**
5. James **Madison**
6. James **Buchanan**

12. 2003 has seen its share of winners and losers at the box office. FTPE, identify these losers.

10) This movie, featuring the winner and runner-up from the first season of American Idol, was fortunate that it didn't have Simon Cowell quoted on the poster.

Answer: ***From Justin To Kelly***

10) J. Lo and Ben starred in this bomb and then vowed never to work together again.

Answer: ***Gigli***

10) As of last night *From Justin to Kelly* and *Gigli* both had a rating of 1.6 on the Internet Movie Database, tying them for worst all time with this dog among dogs, a 1966 film immortalized by *Mystery Science Theatre 3000*, directed by a fertilizer salesman from El Paso, about a spooky house with a slow-moving caretaker named Torgo.

Answer: ***Manos: The Hands of Fate***

13. Whole lotta shakin' going on... FTPE answer these moving questions:

(a) In plate tectonics, this is the term for when one plate sinks under another, which eventually causes it to break apart.

Answer: **subduction**

(b) A seismic sea wave caused by underwater earthquakes or volcanic eruptions

Answer: **tsunami**

(c) From the Latin for "nodding," this wobbling of the Earth as it turns on its axis follows a 19-year cycle.

Answer: **nutatation**

14. Given characters, name the opera FTP. If you need the composer, you'll only get five.

A. (10 pts.) Tamino; Papageno

(5 pts.) Mozart

Answer: ***The Magic Flute***

B. (10 pts.) Bardolph; Mistress Ford; Mistress Page

(5 pts.) Verdi

Answer: ***Falstaff***

C. (10 pts.) Don Jose; Escamillo

(5 pts.) Georges Bizet

Answer: ***Carmen***

15. Answer these questions about Shakespearean characters for ten points each.

A. He is the title character of one of the Bard's bloodiest works, a Roman general victorious against the Goths, who sacrifices captured queen Tamora's son.

A: **Titus Andronicus**

B. In John Everett Millais's famous painting, she is depicted floating face-up in a pool surrounded by dozens of flowers and plants. Her drowning occurs offstage, however.

A: **Ophelia**

It is of her that Lear says "Her voice was ever soft, gentle, and low, an excellent thing in woman." However, she lacks the "glib and oily art" of flattery.

A: **Cordelia**

16. For 10 points each, name the following cities in Germany:

A. With a population of over 3.5 million, this city is the most populous in Germany.

Answer: **Berlin**

B. This capital of Bavaria features Germany's most successful professional soccer team.

Answer: **Munich or München**

C. The European Central Bank is located in this city, considered the financial capital of Europe.

Answer: **Frankfurt a.M. or Frankfurt am Main**

17. FTPE, answer these about notorious terrorist incidents:

A. An Air France flight to Israel was diverted to this country's Entebbe Airport in 1976.

Answer: **Uganda**

B. Death squads in this Central American country killed Archbishop Oscar Romero in 1980.

Answer: **El Salvador**

C. Name either of the 2 African countries where American embassies were bombed in August 1998.

Answer: **Tanzania or Kenya**

18. Name the museum in which you'd find the following pairs of works FTPE.

A. Sunday Afternoon on the Island of La Grand Jatte; The Old Guitarist

Answer: **Art Institute** of Chicago

B. Liberty Leading the People; Luncheon on the Grass

Answer: **Louvre**

C. Las Meninas; Third of May, 1808

Answer: **Prado**

19. Give the names for these common plastic surgery procedures FTPE.

10) A tube is inserted through an incision in the skin, and fat is siphoned out.

Answer: **Liposuction**

10) Michael Jackson claims to have had only one of these procedures, in which the nose is reshaped to the heart's content. You can frequently see it advertised on a storefront in South Park.

Answer: **Rhinoplasty**

10) Commonly known as a face lift, a poorly-executed one is responsible for Mary Tyler Moore's current embalmed appearance.

Answer: **Rhytidectomy**

20. Circle computation stuff FTPE.

A. Find the radius of a circle that has a diameter with endpoints (2,3) and (2,9).

Answer: **3**

B. What's the center of the circle with equation $(x+2)^2 + (y-1)^2 = 9$?

Answer: **(-2, 1)**

C. Find the radius of the circle with equation $x^2 + y^2 = 16$.

Answer: **4**

21. Answer the following about this year's NFL season FTSNP..

10) There are currently four teams who are undefeated, including two in the AFC and two in the NFC. Name any two FFPE.

Answer: **Indianapolis Colts, Kansas City Chiefs, Carolina Panthers, and Minnesota Vikings** (city or team name acceptable for all answers)

10) St. Louis has had a mess of a quarterback controversy, as Marc Bulger is starting instead of this two-time MVP.

Answer: **Kurt Warner**

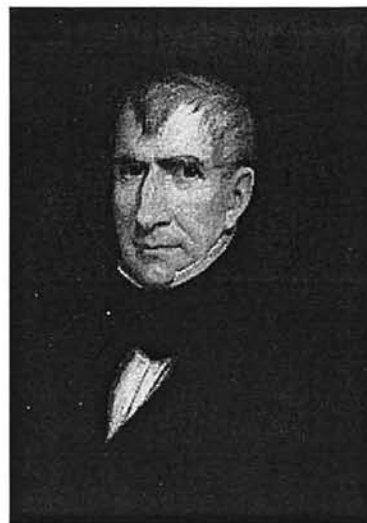
10) Last weekend, this Arizona Cardinals running back returned to Dallas only to be injured in the second quarter.

Answer: **Emmitt Smith**

1.



2.



3.



4.



5.



6.

