

1. Last year he came close to closing his pet project, the antiquarian bookstore Booked Up in Archer City, Texas. ESPN analysts have invoked his name lately, saying Texas quarterback Colt McCoy couldn't have been better named if he had come out of one of this man's novels. His early works include *Horseman, Pass By* and *Leaving Cheyenne*; later novels include his take on the life of Billy the Kid, *Anything for Billy*, and *Buffalo Girls*, about the adventures of Calamity Jane and Buffalo Bill. He may be best remembered, however, for a novel about Gus McCrae and Woodrow Call, two retired Texas Rangers. FTP name this Pulitzer-winning author of *Terms of Endearment* and *Lonesome Dove*.

Answer: Larry McMurtry

2. Among this man's books are *Cities and Their Stories*, *The League of Nations School Book*, and *Towards a New Education*. He served on his home country's ministry of information from 1949 until 1957 and rose to his most notable position four years later. His early work in that role focused on the transference of Netherlands New Guinea to Indonesia and the resolution of the Congo civil war, while other achievements included the establishment of a peacekeeping force in Cyprus and the removal of Soviet missiles from Cuba. FTP, identify this Burmese-born diplomat who succeeded Dag Hammarskjöld as secretary-general of the United Nations.

Answer: U Thant

3. From 1935 to 1945, this man ran the Siemens Research Laboratory II, which was founded especially for him. Here, he helped develop a cyclotron with an 80-ton magnet and would later conduct research in the area of electroacoustics. Prior to this, his work on the effects on collisions of electron beams with gas molecules led to a namesake experiment with James Franck in which the pair demonstrated the quantitative relations between spectral line series and electron energy losses. FTP, identify this scientist, co-winner of the 1925 Nobel in Physics and nephew of the man who discovered electromagnetic waves.

Answer: Gustav Hertz

4. Extending north from Guinea, the Fouta Djallon contains this nation's highest peak. Matam, Podor, and Richard-Toll are all cities along its northern border with Mauritania that rest along its namesake river. Its capital of one million was formed around a French fort on the Cape Verde Peninsula during the 19th century and is currently the westernmost city in Africa. FTP, name this country that borders The Gambia on three sides with capital at Dakar.

Answer: Republic of Senegal

5. The $W(x)$ [read: *W of X*] in Abel's Identity involves this function of two homogenous solutions to second-order linear ODEs. In a variation of parameters problem, one will appear in the denominator of the solution integrals. If it equals zero over some range, then the functions being described are linearly dependent somewhere in that range. The determinant of a square matrix, its first row contains a set of n functions, while the last row contains the n minus 1th derivatives of those n functions. FTP, name this tool useful in solving differential equations, named after a Polish mathematician.

Answer: Wronskian

6. In the wake of this battle, the losing commander was allowed to return to his capital only to die of an eye infection after being blinded by usurpers to his throne. That man's defeat resulted from the cunning of the opposing sultan, who waited for the attacking army to begin a withdrawal to their camps before engaging them. When reinforcements failed to support Romanus Diogenes, he was ultimately captured and forced to cede much of the territory of Asia Minor to Alp Arslan. FTP, identify this crushing 1071 Seljuk defeat of the Byzantines fought in modern day Turkey.

Answer: Battle of Manzikert

7. Like the writings of Yoshida Kenko, this Heian period text is considered an exemplary of the genre "zuihitsu" or "random jottings." Translated by Arthur Waley in 1928, its sections are not in chronological order, but instead are divided into headings such as "Amusing Things" and "Vexatious Things." Describing a woman's reminiscences and impressions, it is attributed to the 10th century lady-in-waiting of the Japanese Empress Sadako. FTP, identify this work of Sei Shonagon whose title is taken from a journal kept in one's sleeping quarters.

Answer: Pillow Book or Makura no Soshi

8. Individuals diagnosed with this affliction will often suffer from an inability to produce the enzyme hexosaminidase which results in the buildup of a certain fatty substance in brain nerve cells. Victims will experience blindness, mental retardation, and eventually death, since this autosomal recessive disorder caused by mutations on chromosome 15's HEXA gene is invariably fatal. Characterized by the inability to break-down the ganglioside GM2, this is, FTP, what rare, incurable disease that primarily affects infants and juveniles?

Answer: Tay-Sachs Disease (or TSD)

9. The subject of this work can be found in Kasimir Malevich's *Solar Eclipse with [BLANK]*, where red X's cross the figure's face and chest. A scientific study of the subject postulated that 9% disgust, 6% fear, and 2% anger were the probable emotions being expressed, with happiness being the most likely. In 1919, it was parodied by Marcel Duchamp in his *L.H.O.O.Q.* where the subject was given a black goatee and moustache. FTP, name this famous oil on poplar, a portrait by Leonardo da Vinci.

Answer: Mona Lisa (or La Gioconda)

10. In British lore, the forest monster Buata resembles one of these creatures while the Celtic goddess Arduinna has one as her sacred animal. In Tupari mythology, the evil sorcerer Aunayina has tusks like one as does Cailleach, the Scottish primordial goddess. Also the form of Varaha, Vishnu's third avatar, the Norse believed that Frey's chariot was pulled by one named Gullinbursti, while the meat of Saehrimnir is used to feed the warriors of Valhalla. One would kill the Greek youth Adonis and another would be captured by Hercules on his third labor. FTP, what is this type of animal that can come in Erymanthian and Calydonian varieties?

Answer: boar

11. He once spent nights at the home of E.I. Lonoff where he met Amy Bellette, a woman who once considered herself a post-Holocaust Anne Frank. His hero, Jerry Levov, eventually takes over the glove factory "Newark Maid" and is the younger brother of the "Swede." By the age of 65, he has had prostate cancer and spends his life as a recluse in the Berkshires where he lives next door to Coleman Silk. He first gained fame for his comedic novel *Carnovsky* which some consider a parallel to the real-life novel *Portnoy's Complaint*. FTP, identify this fictional Jewish writer created by Philip Roth.

Answer: Nathan Zuckerman (generously prompt on Philip Roth)

12. New York World cartoonist Will B. Johnstone, with his famous "Taxpayer" character of the 1930s, invented the now-familiar image of a man wearing one of these objects. Romans began making use of them as replacements for amphoras in the 3rd century AD after contact with the Gauls, who had been using wooden ones for centuries according to archaeological evidence. While in Greece for the Isthmian Games, it is said that Alexander the Great stood in the sunlight of the Cynic philosopher Diogenes, who was living in one at the time. FTP, identify these vessels manufactured by coopers, sometimes full of small, plastic primates.

Answer: barrels

13. *On the Town* was an expansion of *Fancy Free*, a work by this man with music by * Leonard Bernstein. Along with Robert Wise, he won the 1961 Academy Award for Best Director for a work which he recreated as a suite in 1995 consisting of dances from the original and a newly choreographed solo dance piece for the New York City Ballet. His work on Broadway was fully established given his successful productions like *Call Me Madam*, *The King and I*, and *Look, Ma, I'm Dancin'*. FTP, name this man best remembered as the choreographer for *West Side Story*.

Answer: Jerome Robbins (prompt on Leonard Bernstein until *)

14. According to this law, on a P-V diagram the area enclosed by the square of a given state's coordinates whose upper corner falls on a defined isotherm will be equal to that of a new set which also shares a point on the same isotherm. Its physical basis is established by the kinetic theory of gases, for at a constant temperature, the speed of gas molecules in a container will remain constant but their collision frequency will vary according to either the container's pressure or volume. FTP, identify this law of chemistry which can be simply stated as "P one V one equals P two V two."

Answer: Boyle's Law

15. The USS *Oahu* and the British ships *Bee* and HMS *Ladybird* were used as rescue vehicles in the wake of this event which left 3 people dead and 48 injured. FDR, who considered instituting either an embargo or possible naval blockade on the aggressing party, instead settled for an indemnity of \$2.2 million after the Japanese government explained that the attack was unintentional as their pilots could not see the flags on the target ship. FTP, name this 1937 incident where a US Navy gunboat was sunk in the Yangtze River.

Answer: Panay incident

16. (CS) His only extant relic is the hand and arm with which he wrote his commentary on Abelard. Born Giovanni di Fidanza, he furthered the cult of the Virgin Mary and wrote lives of Christ and Francis of Assisi. Compared to Aquinas, this 13th century Franciscan placed more emphasis on faith and less on reason in such works as *The Mind's Road to God*. FTP name this theologian, called the Seraphic Doctor, namesake of a university near Olean, N.Y.

Answer: St. Bonaventure

17. A climatic point in this novel occurs when Mrs. Danvers convinces the narrator to attend a costume ball dressed in the same outfit as her husband's former lover, a woman who once had an affair with her cousin, Jack Favell. That woman allegedly drowned in a seaside cove, but it is later revealed that she was shot by her embittered love, Maxim de Winter. FTP, identify this work about the haunting of Manderley by the titular femme, the best known work of Daphne du Maurier.

Answer: Rebecca

18. This man is the only person to have been inducted into the Rock and Roll Hall of Fame three times---twice in bands and once as a solo performer. He joined the first of those bands in 1963, playing guitar on their first major hit, "For Your Love." He went on to become a member of a power trio alongside Jack Bruce and Ginger Baker. Much later, the tragic death of his son Conor inspired his song "Tears in Heaven." FTP, identify this former member of The Yardbirds and Cream, whose solo hits include "Pretending" and "Cocaine."

Answer: Eric Clapton

19. The inverse of this phenomenon is known as the Peltier effect, named for the French physicist who discovered that a current which passes through a particular circuit could result in variations in the absorption and dissipation of heat by different junctions in that circuit. The phenomenon itself was proven by observing the deflection of a magnetic needle placed between two dissimilar metals which were exposed to a temperature gradient, a principle found to govern the operation of thermocouples. FTP, what is this thermoelectric effect named for a German physicist?

Answer: Seebeck effect

20. (CS) From his uncle he inherited a successful mercantile firm, so it figures that he strongly opposed the Stamp Act. The 1768 confiscation of the *Liberty*, one of his ships, led to a riot; when the *Liberty* burned he became an early martyr of sorts for the colonial cause. He might have been a literal martyr if not for Paul Revere's warning that General Gage planned to arrest him and Samuel Adams. First governor of the Commonwealth of Massachusetts, FTP name this patriot best remembered as President of the Continental Congress and first signer of the Declaration of Independence.

Answer: John Hancock

21. James Fenimore Cooper's *The Pioneers*, Tennessee Williams' *Period of Adjustment*, Puccini's *La Boheme*, Ibsen's *A Doll's House*, and Henry James' *The Turn of the Screw* all begin on this day which is marked by the attendance of the Misa de Gallo in the Philippines and the delivery of the Mass of the Vigil by the Roman Catholic Church. Historically, it is distinct as being the first night that New York's Macy's stayed open until midnight, likely as an accommodation for last minute shoppers. FTP, what is this December day known as "La Nochebuena" in Spanish which happens to precede a certain winter celebration?

Answer: Christmas Eve (accept December 24th)

22. Marco Polo may have confused one with a particular Madagascan bird and when told to retrieve one of their feathers by Kublai Khan, Polo allegedly brought back a *Raphia* palm frond. According to folklore, their eggs could measure up to 50 paces in circumference, while adult species were capable of sinking entire ships using boulders. In one story from *The Thousand and One Nights*, one inadvertently carries the sailor Sinbad to safety from the Valley of Diamonds. FTP, name these enormous, elephant-eating birds of Arabian legend.

Answer: roc

23. One of this man's works begins with a couple enjoying a picnic only to have it interrupted by a man's death from a freak ballooning accident. Another describes four orphaned children, two of which develop an incestuous relationship after burying their mother in their basement. His most famous work, a self-described contemporary fable, tells of three men, a composer, a newspaper editor and a politician who meet at the funeral of their former love, Molly Lane. FTP, identify this author of *Enduring Love*, *The Cement Garden*, and *Amsterdam*.

Answer: Ian McEwan

1. Civil War battles, FTPE:

[10] At this battle off the coast of Alabama, David Farragut famously declared, "Damn the torpedoes! Full speed ahead!"

Answer: Battle of Mobile Bay

[10] The first battle between Grant and Lee was this Virginia conflict of early May 1864, followed shortly by the Battle of Spotsylvania Court House.

Answer: Battle of the Wilderness

[10] A Union victory, this 1862 Tennessee battle pitted Grant and Don Carlos Buell against P.G.T. Beauregard and Albert Sidney Johnson who was killed during the conflict.

Answer: Battle of Shiloh or Battle of Pittsburgh Landing

2. Created by John Backus in 1953, it has found wide use in the scientific and engineering communities. FTPE:

[10] What is this father of high-level programming languages whose variations include 77 and 90?

Answer: Fortran

[10] In Fortran, this two letter command is used to implement a loop. It can sometimes be followed by either a counter or the word "WHILE."

Answer: DO

[10] When processing data from a text file in Fortran, the intrinsic variable IOSTAT will return a value of this once the final text line has been read.

Answer: -1

3. Some of the greatest movies of all time lacked both color and sound. Answer the following about some of these pieces of classic cinema, FTPE:

[10] Fritz Lang directed this film about class struggles and sinister robots set in a futuristic city.

Answer: Metropolis

[10] An asylum-bound man named Francis retells a tale about a mysterious man and his fortune telling somnambulist, Cesare, in this masterpiece of German Expressionism.

Answer: *The* Cabinet of Dr. Caligari or *Das* Cabinet des Dr. Caligari

[10] Bram Stoker is credited as a writer in this 1922 flick starring Max Schreck as Graf Orlok, a vampire who moves into the quiet hamlet of Bremen.

Answer: Nosferatu, *eine Symphonie des Grauens*

4. Charles Dickens, author of dozens of lengthy novels, was also the creator of nearly 1000 unique characters.

While it might be an interesting party trick to see how many you can name, we're only going to ask you to come up with three of them from clues, FTPE:

[10] Her brother, Arthur, plots with the dastardly Compeyson to acquire her enormous wealth. That plot involved leaving her at the altar on her wedding day, forever instilling in her a scathing hatred for men that she passes onto her protégée, the cruel temptress Estella.

Answer: Miss Havisham

[10] Eventually drowning in the Thames, this evil dwarf lends money to Nell's grandfather in *The Old Curiosity Shop*. He tries to hunt Nell down after her grandfather gambles the money away and flees London.

Answer: Daniel Quilp

[10] Hoping to provide support for his sister, Kate, and their mother after the death of his father, this titular character turns to his uncle Ralph for assistance. He eventually secures employment with the Cheeryble brothers and marries the lovely Madeline Bray.

Answer: Nicholas Nickleby

5. Now depicted atop LDS temples, he is said to have visited Joseph Smith on a September night in 1823. FTPE:

[10] Who was this heavenly messenger that brought word of the Golden Plates?

Answer: **Moroni**

[10] Before being resurrected as an angel, Moroni was once a Nephite prophet who received the Golden Plates from this man, his father. His name was once used in a pejorative sense but has since been adopted informally by believers.

Answer: **Mormon**

[10] Moroni is often credited with writing this book that tells of the Jaredites and their migration to the Americas shortly after the destruction of the Tower of Babel.

Answer: Book of **Ether**

6. Stuff about cellular organelles, FTPE:

[10] In this network of stacked cisternae, polysaccharides are manufactured while lipids and proteins are stored, packed, and distributed.

Answer: **Golgi** body or apparatus

[10] This structure is involved in the manufacturing of ribosomes. They appear as irregularly shaped fibers or granules embedded in the nucleus.

Answer: **nucleolus**

[10] During metaphase I, spindle fibers attach themselves to chromatids near these organelles. In mitosis, they create microtubules as they move apart.

Answer: **centrioles**

7. Name these historic boats from clues, FTPE:

[10] After colliding with the SS Stockholm, this Italian ocean liner sank off the coast of New York in 1956.

Answer: SS **Andrea Doria**

[10] On December 16, 1773, men dressed as Mohawks tossed tea into Boston Harbor from three ships during the Boston Tea Party. For ten points, name any one of those ships.

Answer: **Dartmouth, Eleanor, or Beaver** (accept any one)

[10] Originally known as the Pelican, this ship was captained in the late 16th century by adventurer Sir Francis Drake.

Answer: **Golden Hind**

8. His works of literature include *Foundation's Edge*, *Pebble in the Sky*, and *I, Robot*. FTPE:

[10] Who is this Russian-born American writer of science fiction?

Answer: Isaac **Asimov**

[10] Introduced in "Runaround" were Asimov's Three Laws of Robotics which became a staple throughout the *Foundation* series. Test your knowledge of them by giving the First Law.

Answer: **"A robot may not harm a human being, or, through inaction, allow a human being to come to harm"** (generously accept reasonable equivalents; applaud the team which recites it verbatim, but tell them that they won't receive extra points)

[10] Both Charlie Steinheice and your question writer belong to this organization that also claimed Asimov as a member. To get in, one need only have an IQ in the top 2% of the general population.

Answer: **Mensa** International

9. August 2006 saw MTV celebrate its 25th birthday. Identify the following bits of nostalgia from the early days of everyone's favorite television music channel, FTPE:

[10] The first music video shown on MTV was appropriately this UK chart topper by The Buggles.

Answer: **"Video Killed the Radio Star"**

[10] The lesser known second video shown on MTV was "You Better Run" by this female singer of "Heartbreaker" and "Love is a Battlefield."

Answer: Pat **Benatar**

[10] Of MTV's original five VJs, this man was the oldest and the first to leave the channel when his contract expired in 1985. He may be best remembered for unmasking KISS during a 1982 interview.

Answer: J. J. **Jackson**

10. Given a country's longest river, name that country, on a 5-5-10-10 basis:

[5] Mackenzie

Answer: Canada

[5] Murray

Answer: Australia

[10] Vistula

Answer: Poland

[10] Orkhon

Answer: Mongolia

11. With the International Astronomical Union's recent decision to redefine the total number of planets in the Solar System, a lot of attention has been brought to so-called "dwarf planets." FTSNOP:

[10] For ten points, the largest and most massive object in the asteroid belt is this body currently classified a "dwarf planet" by the IAU.

Answer: Ceres

[5] For five points, this former planet is now on the IAU list of "dwarf planets" much to the dismay of school children and very educated mothers everywhere. It was first discovered by Clyde Tombaugh in 1930.

Answer: Pluto

[15] For fifteen points, larger than Pluto is this trans-Neptunian object with an approximate diameter of 2400 km. Discovered by Brown, Trujillo, and Rabinowitz, at first it was informally dubbed "Xena."

Answer: Eris or 2003 UB313

12. Answer the following about an American writer, FTPE:

[10] This author of works like *Eight Cousins* and *Good Wives* spent much of her childhood in the Orchard House, a home which became the setting of her most famous novel.

Answer: Louisa May Alcott

[10] "For little tripping maids may follow God along the ways which saintly feet have trod" is a line from the preface to Alcott's *Little Women* which was adapted from what work of John Bunyan?

Answer: *The Pilgrim's Progress*

[10] This author and contemporary of Alcott described her as "the novelist of children...the Thackeray, the Trollope, of the nursery and schoolroom." His own works include "Europe" and *The Ivory Tower*.

Answer: Henry James

13. Jews in history! FTPE:

[10] Yigael Yadin excavated this site where 1000 men, women, and children withstood a two year siege by the Roman Tenth Legion before all but seven of the defending Jewish Zealots committed suicide.

Answer: Masada

[10] Issued in 1492 by Ferdinand II and his queen Isabella was this decree that ordered all Jews to leave Spain and never return.

Answer: Alhambra decree

[10] During this Shia dynasty in Egypt, a number of Talmudic schools were founded. Also notable was its sixth leader, Al-Hakim, who forced Jews to wear bells and carry the wooden image of a calf in public.

Answer: Fatimid Caliphate

14. Originally built in Hyde Park as the site of the Great Exhibition of 1851, it was moved to Upper Norwood where it stood until damaged by fire in 1936. FTPE:

[10] What was this huge iron and glass structure inspired in part by its designer's experience with greenhouses?

Answer: The Crystal Palace

[10] This architect designed The Crystal Palace. A gardener by hobby, he would later co-publish a horticultural periodical, *The Gardeners' Chronicle*.

Answer: Joseph Paxton

[10] The Great Exhibition was the brainchild of this Prince Consort. Its success did much to win over the public and especially press, which had initially treated him unfavorably due to his German heritage.

Answer: Prince Albert

15. Given the following differential equations, identify where the singular points exist, FTPE. Don't worry, you will not need to state whether they are regular or irregular.

[10] $x y'' - (3 - x)^2 y' + 2 y = 0$ [*x y double prime minus the quantity 3 minus x squared, y prime plus 2 y equals zero*]

Answer: $x = \underline{0}$

[10] $(x^2 - 9) y'' - 5 y' + y = 0$ [*the quantity x squared minus nine, y double prime minus 5 y prime plus y equals zero*]

Answer: $x = \underline{3}$ and $x = \underline{-3}$

[10] $x(x + 10) y'' - \sin(x) y - 6y = 0$ [*x times the quantity x plus 10, y double prime minus sine of the quantity x, y minus 6 y equals zero*]

Answer: $x = \underline{-10}$ and $x = \underline{0}$

16. During the 1960s, this Yale psychologist gained fame for his studies of obedience to authority. FTPE:

[10] Identify that man, who set up an experiment where subjects were instructed to administer near-fatal electrical shocks to an unseen victim.

Answer: Stanley **Milgram**

[10] Milgram also conducted this experiment which gave rise to the idea of six degrees of separation. Subjects in it were expected to deliver a document through a chain of personal contacts from Nebraska to Massachusetts.

Answer: **small world** experiment

[10] In August, 1976, CBS presented "The Tenth Level," a dramatization of Milgram's obedience experiments starring this man as Dr. Stephen Hunter. You may know him as Marc in the Esperanto classic *Incubus*, among other notable roles.

Answer: William **Shatner**

17. Identify the following famous fatherly fellows from clues, FTPE:

[10] A member of the Nebraska Hall of Fame, this man is responsible for one of history's most famous orphanages when he founded Boys Town.

Answer: Father Edward **Flanagan**

[10] During the 1930s, this priest gained international fame for his radio broadcasts on politics and finance. An avid anti-Semite, he openly blamed the Jews for the Depression, the Russian Revolution, and even Kristallnacht.

Answer: Father Charles **Coughlin**

[10] The initially punitive nature of the leper colony on the Hawaiian island of Molokai softened considerably thanks to this man, beatified in 1995 for his humanitarian efforts.

Answer: Father **Damien** [accept Joseph de Veuster]

18. It is defined as the net flux of any species from a higher concentration to a lower concentration. FTPE:

[10] What is this physical process whose mechanisms include vacancy-filling and interstitial translocation?

Answer: **diffusion**

[10] This man's first law can be stated mathematically as J equals minus the diffusion coefficient times the concentration gradient of the materials being diffused. At a constant temperature, the net flux is a constant across a given concentration gradient.

Answer: Adolf **Fick**

[10] This equation which gives the rate of diffusion can be expressed as rate equals the constant of diffusion times e raised to the negative of Q over the product of R and T, where Q is the activation energy and T is temperature.

Answer: **Arrhenius** relation

19. Name these 20th century African writers from works, FTPE:

[10] *A Sport of Nature*, *The Late Bourgeois World*, and *The Conservationist*

Answer: Nadine **Gordimer**

[10] *Tsotsi*, *Master Harold... and the Boys*, and *Blood Knot*

Answer: Athol **Fugard**

[10] *The Black Hermit*, *Wizard of the Crow*, and *Petals of Blood*

Answer: **Ngugi** wa Thiong'o

20. Name these Islamic positions, FTPE:

[10] A leader of Islam and successor of Muhammad is traditionally given this title. Abu Bakr is often considered to be the first individual to hold the position.

Answer: caliph

[10] This was the collective name for men belonging to an informal body of experts in the lore of Islam. They were first organized by the Abbasids in order to separate religious authority from military and political leadership.

Answer: ulema

[10] Among those claiming to be this prophesized redeemer of Islam were Said ibn Husayn, Ali Muhammad, and Syed Muhammad Jaunpuri.

Answer: Mahdi

21. Identify the following related figures from Greek myth FTPE:

[10] For five points, this Greek hero defeated Hector during the Trojan War after the latter had slain his buddy Patroclus.

Answer: Achilles

[10] For ten points, this was Achilles' talking horse that was eventually struck dumb by the Furies.

Answer: Xanthus

[10] For fifteen points, this harpy was the mother of Xanthus. In some stories, she is referred to as Celaeno.

Answer: Podarge

22. Given a country, identify its current prime minister on a 5-5-10-10 basis:

[5] United Kingdom

Answer: Tony Blair

[5] Australia

Answer: John Howard

[10] Japan

Answer: Junichiro Koizumi

[10] Iraq

Answer: Nouri al-Maliki

23. It was created nearly seven-thousand years ago by the eruption of Mount Mazama. FTPE:

[10] What is this Oregon lake, the deepest in the US?

Answer: Crater Lake

[10] Situated on top of a subduction zone is this large island within Crater Lake. It was formed from a series of post-caldera eruptions that occurred after the collapse of Mount Mazama.

Answer: Wizard Island

[10] Measuring 30 feet long with a diameter of two feet at waterline is this vertical floating conifer that drifts about Crater Lake. Visitors can often spot its bleached white top which stands roughly four feet out of the water.

Answer: The Old Man of the Lake