

by Bill Tressler

with thanks to Bern McCauley and the Great Valley Quiz Team

Tossups

1. Heezen, Tharp, and Ewing provided one the first mappings of this locale explored in 1960 by Don Walsh and Jacques Piccard. The Vine–Matthews–Morley hypothesis predicted magnetization reversal patterns would be found in its parts. This is where one would find the loah Guyot, Banc Capel, and Shatsky Rise. No part of this is older than 260 million years due to (*) subduction and spreading, and harp sponges and garden eels are among the benthos living here. For 10 points—give this surface found, on average, 12 thousand feet down.

answer: ocean floor or oceanic crust or seafloor or sea bed (accept Mariana Trench until “Morley hypothesis”; prompt on “benthic zone” before “benthos”)

2. Recognition for this activity includes the Sheed, Oskar Barnack, and Lucie Awards. People in this field have included Mary Ellen Mark, Cindy Sherman, and Dorothea Lange. One example of this medium, Kevin Carter’s “The vulture and the little girl”, prompted a *Times* editorial. Annie Leibovitz arranged “More Demi Moore”, a controversial example created when the (*) actress was seven months pregnant; that example appeared on *Vanity Fair*. Focus, aperture, and shutter speed are settings used in—for 10 points—what practice of capturing images with cameras?

answer: photography (answers like photojournalism or art photography are fine)

3. Joseph Tracy used this name for an 1841 religious text and gives the Cambridge Platform among this event’s origins. Its Old Side-New Side Presbyterian controversy involved Gilbert Tennent’s teachings. In current times, this hashtag appears with QAnon conspiracy beliefs. George (*) Whitefield visited Harvard in this period also remembered for people asking for salvation during the “Sinners in the Hands of an Angry God” sermon. Jonathan Edwards was part of—for 10 points—what 1730s religious movement, a “great” event?

answer: (First) Great Awakening

4. This author created a character who meets the princess Sasha at a winter carnival and spends time with Constantinople-area gypsies. Septimus Warren Smith commits suicide in this writer’s work about a day including a party hosted by Peter Walsh’s friend. “The Window” and “Time Passes” by this Bloomsbury Group member are sections in a book finishing with (*) Lily Briscoe painting as Mr. Ramsay takes children to a mariner’s beacon. An Edward Albee play asks “Who’s Afraid of”—for 10 points—what author of *To the Lighthouse* and *Mrs. Dalloway*?

answer: (Adeline) Virginia Woolf

5. An Athenian festival on the 12th day of Hekatombaion honored this brother of Cottus and Gyges who had a Mount Othrys military base. Hesiod’s *Works and Days* states this Greek god’s rule included the golden race of men. He was sometimes conflated with the personification of time, and was the Elysian Islands’ king after his release from (*) Tartarus. Tethys and Thea are siblings of this husband of Rhea, who gave him the Omphalos Stone so this god wouldn’t consume his son. For 10 points—name this youngest Titan, the father of Zeus.

answer: Cronus or Cronos or Kronos (do not accept “Saturn”)

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6. **Frederick Currie, Charles Peers, and Matthew Decker were leaders of this venture whose competitors included the Courteen association. It owned the Writers Building on the shore of Lal Dighi and sent trainees to its Addiscombe Military Seminary. This group lost five members in the 1799 Massacre of Benares, and lost a brewed cargo on the (*) Dartmouth during the Boston Tea Party. Dissolved by an 1873 Dividend Redemption Act, its private armies lost control of an Asian country, leading to the Raj. For 10 points—name this rival of the Dutch East India Company.**

answer: **British East India** Company or **Honourable East India** Company (prompt on partial answer)

7. **Fermat's method of this calculation rewrites odd numbers as the difference of two squares. The fundamental theorem of arithmetic says this process is unique for appropriate numbers. On quantum computers, Shor's algorithm would accomplish this task that the general number field sieve accomplishes on very large numbers. If a quick method is found, (*) RSA-based cryptography will be insecure. The trial division method is twice as fast on odd values since only odd answers need to be checked. For 10 points—give this process that turns 30 into 2 times 3 times 5.**

answer: prime (or integer) **factorization** or **factoring** or prime **decomposition**

8. **While employed in this industry, Joseph Oncale successfully sued for same-sex harassment. The Lahee classification system assigns risk when choosing locales for this activity. Edwin Drake was among the first to do this commercially after an 1858 Titusville, Pennsylvania discovery. This industry is hindered by (*) Greenpeace activists suspended from bridges. Some link Oklahoma's 903 earthquakes in 2015 to this activity that can use derrick lifting devices. For 10 points—give this activity of obtaining a natural resource from underground.**

answer: **oil drilling** or **oil extraction** or **gasoline production** (accept **fracking**, **hydraulic fracturing**, or **hydrofracturing**; anything doing with **oil** or **gas manufacturing** is probably fine)

9. **One of this literary character's friends links Freudian wish fulfillment to a dream about contact lens difficulty. This character's sister Alice Skypes his family to discuss *Bachelorette* episodes. He likes Passion Pit, plays Fagin's boy in *Oliver!*, and emails a pseudonymised person named (*) Blue his secrets. Becky Albertalli created this Creekwood High student whom Martin Addison blackmails while seeking Abby Suso's affection. For 10 points—give this person who is versus the Homo Sapiens Agenda in a book and signs his name with "love" in a film.**

answer: **Simon Spier** (accept either underlined name)
[the book is *Simon vs. the Homo Sapiens Agenda*, the film adaptation is *Love, Simon*]

10. **This composer's Symphony No. 1 in C minor includes a theme he jotted on an 1868 birthday postcard. The choir sings "Let the race of mankind / fear the gods!" in this composer's *Song of the Fates*, and a lost mountain wanderer is described in his *Alto Rhapsody*. After being honored by the University of Breslau, he created the (*) *Academic Festival Overture*. Reworked into his second symphony, a song intended for Bertha Faber to soothe her son is his *Lullabye*. For 10 points—name this German composer, one of the three B's.**

answer: Johannes **Brahms**

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11. **This process measured by Josef Stefan's tubes has a type named for Martin Knudsen seen in systems with appropriately-sized mean free paths. In sociology, Everett Rogers described one of these "of innovations" for popular technology adoption. Molar flux is proportional to a gradient according to a law of this process developed by Adolf Fick. This passive (*) transport process is similar to osmosis in that solutions' concentrations are equalized. For 10 points—give this process that allows odors to spread, which does not require a small hole like effusion.**

answer: **diffusion**

12. **Give only a first name. In a Caravaggio painting a figure with this first name is on the left while her vane sister touches a mirror. Aaron Copland's *Appalachian Spring* was originally "Ballet for" a choreographer with this first name. Bartholomew Gosnold's daughter may be why an island south of Cape Cod includes this name. In comics it's the name of (*) Batman's murdered mother and also Jonathan Kent's wife in Superman lore. A celebrity with this first name ran a PBS cooking school and publishes *Living* magazine. For 10 points—give this first name of home decorator Stewart.**

answer: **Martha** (anyone giving more than this is wrong; the clues reference the biblical Martha, Martha Graham, Martha's Vineyard, Martha Wayne, Martha Kent, and Martha Stewart)

13. **Charles Spackman Barker names one of these devices that allowed larger pipe organs. William Spears Simpson claimed placing them around a bicycle chain increased power, but the design was suspect. Charles Stanhope's printing press had a compound system of them. Trebuchets exploit their (*) mechanical advantage, and Archimedes said given the right place to stand, one these would allow him to move the Earth. Crowbars and seesaws are examples of—for 10 points—what simple machine consisting of a beam balanced on a fulcrum?**

answer: **lever** (accept **Barker's lever** or **Simpson lever chain**)

14. **Led by mayor Pereira Passos at the time, this city's mandatory smallpox eradication caused its 1904 Vaccine Revolt. The Convention on Biological Diversity was an artifact produced by the 1992 Earth Summit here. Its Galeão **igow-LAY-oh** Airport references the *Padre Eterno*, a galleon built here to transport sugar. In 2014 lightning strikes to a Paul Landowski (*) sculpture in this city caused fingers to be lost. Its name originates from the Portuguese explorer Gaspar de Lemos encountering its Guanabara Bay in January 1502. For 10 points—name this second most populous Brazilian city.**

answer: **Rio** de Janeiro

15. **This author depicted the Shah of Bratpuhr on a spiritual tour while Paul Proteus criticizes an overly automated society. In another story, Rudolph Waltz lives in Haiti after a jail sentence for shooting a pregnant woman. He also wrote about a San Lorenzo dictator who commits suicide, and an aircraft accident causing the body to (*) freeze the world's oceans because of ice-nine. A novel of his featuring Billy Pilgrim tells of Germans surviving bombs hiding in an animal processing place. For 10 points—who is this author of *Cat's Cradle* and *Slaughterhouse Five*?**

answer: Kurt **Vonnegut** [the first two works are *Player Piano* and *Deadeye Dick*]

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16. **A *Doctor Who* episode titled for this event saw the Slitheen try to create and sell radioactive Earth debris. It also titles the first tracks of both Ryde or Die's volume 2 and the Jonas Brothers' *Trying Times* album. It ends in 2053 in the *Star Trek* universe, where the Eastern Coalition participates in this event that decreases Earth's population by (*) 600 million. This three-word Google phrase trended in 2017 after President Trump and a North Korean leader traded insults. For 10 points—give this name that will be applied to the next global conflict.**

answer: **World War III** or the **Third World War**

17. **Aurel Stein's expeditions to this country uncovered the Balawaste site and the Miran fort. The Swedish archaeologist John Gunnar Andersson advised this country's government and discovered hominid remains here. The red-haired Cherchen Man was among the Tarim mummies found in this country, which had a robust ancient commerce in (*) jade. When a family in this country dug a well in 1974, they found a complex with thousands of terracotta warriors. For 10 points—give this country of the Peking Man and the Qin Emperor mausoleum.**

answer: **PRC** or People's Republic of **China** (do not accept "Republic of China")

18. **A Christopher Lasch essay on these and “Dog-Whistle Politics” discusses Kathryn Steinle's death. An early act of this movement spearheaded by Berkeley's Gus Schultz was aimed at *USS Coral Sea* draftees. When Jeff Sessions criticized New Hampshire's opiate problems, he applied this label to Lawrence, Massachusetts. In June 2018 a judge ruled the (*) federal government could not withhold money over Philadelphia's participation in this immigration policy trend. Law enforcement is refused in—for 10 points—what movement named for church worship rooms?**

answer: **sanctuary** movement or cities

[Schultz was a reverend offering sanctuary to draft dodgers]

19. **The mineral sylvite is potassium and this element. A “mud” precipitation of manganese is used in Weldon's process to obtain this substance also produced by Henry Deacon's technique. Medical gloves may be created using a polyvinyl plastic containing this element. A compound of hydrogen and this element comprises most of the (*) stomach's gastric acid. Many household bleaches contain this halogen with atomic number 17. For 10 points—name this element placed in drinking water and swimming pools, whose symbol is C-L.**

answer: **chlorine** (accept **Cl** before given)

20. **In 1856, Congress sent this man, Mordecai Oliver, and William Howard to Kansas. This author of a “Recollections of Forty Years” memoir was known as an “icicle”, and had a role in getting Garfield the 1880 Republican nomination. This Secretary of State in the McKinley administration was succeeded in a Senate seat by (*) Mark Hanna. He played a key role in passing a Silver Purchase Act and wrote a bill making contracts that restrained trade or monopolized a market illegal. For 10 points—give this Ohioan who authored an 1890 antitrust act.**

answer: John **Sherman**

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21. **These objects title an Aristophanes play in which a son is sent to the Thinkery to learn how to rid his father of creditors. One “of Witness” is an early Dorothy Sayers title, and Annie Proulx’s memoir is a “bird” one. This word begins a David Mitchell title that connects stories between a 18th century ship voyage to 23rd century lookalike waitresses. Caryl (*) Churchill titled a play for the ninth one of these, and Zahra Owens wrote a western series titled for them and rain. For 10 points—give these atmospheric objects that can be nimbus or cumulus.**

answer: clouds [The works are *The Clouds*, *Cloud Witness*, *Bird Cloud*, *Cloud Atlas*, *Cloud 9*, and *Clouds and Rain*]

22. **Jon Soltz and Jeremy Broussard founded a political action committee to elect these people. The Rescission Act of 1946 applied to Filipinos with this status, and these people were the subject of the 1912 Sherwood Act. A cabinet department currently led by Robert Wilkie has been criticized for allowing these people to (*) wait months or failing to get them healthcare. Over two million of them went to college after the G.I. Bill was passed. For 10 points—give these people who might have worked at the Wright-Patterson base or Fort Benning.**

answer: veterans of the U.S. military (accept soldiers or servicemen)

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Bonuses

1. This building's ballet is directed by Vladimir Urin. For 10 points each—

A. Name this Moscow Theater where Modest Mussorgsky's *Boris Godunov* premiered in 1888.

answer: **Bolshoi** Theater (accept Bolshoi Ballet)

B. Another work introduced at the Bolshoi was *The Maid of Pskov* written by this composer whose "Flight of the Bumblebee" is a section in *The Tale of Tsar Saltan*.

answer: Nikolai **Rimsky-Korsakov**

C. The Bolshoi's portico is supported by eight of these vertical architectural elements. The classical types of these structural supports include Doric, Tuscan, and Corinthian.

answer: **column** (accept **pillar**)

2. This term means the origin or point at which something comes into being. For 10 points each—

A. Give this term that also names the first book of the Old Testament.

answer: **genesis**

B. A plant apomixis reproduction step, when seen in aphids this process clones the mother. The brahmyny blind snake only reproduces in this asexual way.

answer: **parthenogenesis**

C. Egg fertilization, forming a zygote, and then a blastula are steps in this process of organism creation. It spans human development's first seven weeks and produces a fetus.

answer: **embryogenesis** (do not accept "embryo")

3. *The Simpsons* parodied this novel in its "Das Bus" episode. For 10 points each—

A. Name this work in which Simon, Jack, and Ralph are stranded on an island.

answer: **Lord of the Flies**

B. *Lord of the Flies* is by this author who depicted sea voyages in his *To the Ends of the Earth* trilogy.

answer: (Sir) William **Golding**

C. A similar theme stranding students on another planet is explored in *Tunnel in the Sky*, a work by what author of *Starship Troopers* and *Stranger in a Strange Land*?

answer: Robert A(nson) **Heinlein**

4. Egyptian women wishing to bear children would wear an amulet depicting this goddess with her kittens. For 10 points each—

A. Name this feline deity later conflated with Sekhmet. Queen Berenike II ["the second"] built a temple to this goddess found in 2010.

answer: **Bastet** (accept **B'sst**, **Baast**, **Ubaste**, and **Baset**)

B. Bastet was a daughter of what Egyptian sun god, whose umbilical cord was the source of the god Apophis?

answer: **Ra**

C. During the Bubastis festival, people consumed lots of wine according to *The Histories*, which was written by what man born in Halicarnassus and known as the "Father of History"?

answer: **Herodotus**

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5. In 1889 this scientist published a paper describing kidney function. For 10 points each—

A. Name this Italian whose cellular apparatus packages proteins.

answer: Camillo **Golgi** (accept **Golgi apparatus**)

B. Golgi's method, or the black reaction, is an example of this coloring that make cells easier to see. Ira Van Gieson and Hans Christian Gram also developed techniques to do this.

answer: **staining**

C. Golgi used staining to study these cerebellum components. Named for their Czech discoverer, they are some of the brain's largest neurons.

answer: **Purkinje** [pur-KIN-gee] cells or neurons

6. This empire's four quarters met at the city of Cusco. For 10 points each—

A. Name this empire that expanded along South America's west coast in the 15th and 16th centuries.

answer: **Inca** or **Inka**

B. This emperor defeated his brother Huáscar in the Incan Civil War. Spanish conquest of the Inca included his execution by Francisco Pizarro.

answer: **Atahualpa** [at-ah-WHA-pah] (accept **Atahualpa** or **Atabalipa**)

C. This Pizarro lieutenant later explored North America and crossed the Mississippi River. At least some of Florida's wild hogs originated from his expedition.

answer: Hernando **de Soto**

7. For 10 points each—name these Pacific locales:

A. Europeans learned of this island when Jacob Roggeveen found it on an April 1722 Sunday important to Christians. It's known for its stone moai statues.

answer: **Easter** Island or **Rapa Nui**

B. Starting in October 1788, this largest French Polynesian island hosted the *HMS Bounty* while the crew cultivated breadfruit plants. The mutiny started after the ship left here.

answer: **Tahiti**

C. Seasons 33 to 37 of TV's *Survivor* were filmed on the Mamanuca Islands of this country whose indigenous peoples are the iTaukei. It's between Tonga and Vanuatu [VAN-oo-AH-too], and its capital is Suva.

answer: Republic of **Fiji** or Matanitu Tugalala o **Viti**

8. For 10 points each—give these statistical letters:

A. The standard normal distribution, or bell curve, is often denoted by this letter. It also labels the third dimension in many geometric systems, given after the x and y coordinates.

answer: **z** (**capital Z** is fine)

B. The Pearson correlation coefficient is denoted by this letter, and its value ranges from negative to positive one.

answer: **r** (or **rho** [which looks like ρ]; do not accept "R square(d)" as a squared real number is not negative)

C. William Sealy Gosset called himself "Student" when he developed this distribution used when population standard deviation is unknown. A test named for this letter determines significance between sample means.

answer: **t** (accept **t-test**)

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9. Senator Henry Cabot Lodge's reservations about this organization played a role in preventing the U.S. from joining it. For 10 points each—

A. Name this intergovernmental organization whose closure was overseen by Secretary-General Seán Lester in 1946. It was succeeded by the U.N.

answer: League of Nations

B. The League of Nations gave Britain a mandate to rule this area. The government of President Mahmoud Abbas has declared a modern state of this name to include the West Bank and Gaza Strip.

answer: Palestine

C. Another mandate was Togoland, whose territory became Togo and this western neighbor. U.N. Secretary-General Kofi Annan was born in what is now this country with capital Accra.

answer: Republic of Ghana

10. For 10 points each—give these answers linking pop music and philosophy:

A. Randy Newman's "The World Isn't Fair" is about this writer of the proletariat class struggle. He published *Das Kapital* and coauthored *The Communist Manifesto* with Friedrich Engels.

answer: Karl Marx

B. Rush's album 2112 ["twenty-one twelve"] was influenced by this Objectivist. Her works include *Anthem*, *The Fountainhead*, and *Atlas Shrugged*.

answer: Ayn Rand or Alisa Zinovyevna Rosenbaum

C. This four-word phrase described Gilbert Ryle's criticism of mind-body dualism, as Ryle rejected a non-physical entity within a physical torso. This phrase also names a 1981 album by The Police.

answer: Ghost in the Machine

11. For 10 points each—name these Robert Louis Stevenson works:

A. Jim Hawkins and Long John Silver are characters in this Stevenson novel about pirates and a map to a hidden fortune.

answer: Treasure Island

B. *Catriona* is a sequel to this work in which David Balfour is tricked onto a ship. David is held captive so his uncle Ebenezer can gain the family inheritance.

answer: Kidnapped

C. Henry and James Durie fight on different sides of the Jacobite rising and then over family wealth in this novel that ends with the brothers dying in the New York wilderness.

answer: The Master of Ballantrae: A Winter's Tale

12. This school is named after an Everglades conservationist. For 10 points each—

A. Emma González and David Hogg were students at what Parkland, Florida high school that experienced a February 2018 shooting that killed seventeen?

answer: Marjory Stoneman Douglas (prompt on "MSD")

B. Students from Stoneman Douglas and others planned this March 2018 demonstration in Washington, D.C. It is sometimes abbreviated MFOL.

answer: March for Our Lives

C. The March was partially funded by this activist, a founder of the Not on Our Watch organization. This actor narrated the *Sand and Sorrow* documentary about Darfur and directed 2017's *Suburbicon*.

answer: George Clooney

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13. One example of this process is the soot vapor that becomes a solid on chimney walls. For 10 points each—

A. Give this process, the opposite of sublimation, in which a gas directly becomes a solid without going through the liquid phase.

answer: **deposition**

B. Water vapor undergoes deposition to form these objects with six-sided radial symmetry. These ice crystals then fall during flurries and blizzards.

answer: **snowflakes** (prompt on “snow”)

C. The vapor of this element is deposited on wires to improve conductivity. Léon Foucault developed a deposition process to coat telescope glass with a film of this element whose atomic number is 47.

answer: **silver** or **Ag**

14. For 10 points each—name these women in the Capitol Building Statuary Hall:

A. North Dakota contributed this Shoshone **[sha-SHOW-nee]** woman who guided the Lewis and Clark expedition. She is on a dollar coin.

answer: **Sacagawea** or **Sacajawea** or **Sakakawea**

B. One of Alabama’s statues honors this student of Anne Sullivan. This deaf individual wrote the autobiographies *My Religion* and *The Story of My Life*.

answer: Helen **Keller**

C. Montana’s pieces include this first woman elected to the U.S. Congress. She voted against U.S. entry into both World Wars.

answer: Jeanette **Rankin**

15. For 10 points each—give these answers related to Edgar Degas **[day-GAH]** works:

A. One of Degas’ favorite subjects were these individuals who appear in *Rehearsal on Stage*, in class, and “at the bar”.

answer: **dancers** or **ballerinas**

B. An 1868 portrait shows this artist on a sofa looking at his wife. This Frenchman painted *The Luncheon on the Grass* and *Music in the Tuileries*.

answer: Édouard **Manet** (occasionally anglicized as **Edward Manet**)

C. Degas’ *The Millinery Shop* depicts a woman in a green dress holding what object, which one can purchase at a millinery?

answer: **hats** (usually **women’s hats**)

16. For 10 points each—give these programming data types:

A. Words are stored in sequences of characters described by this C# **[“see sharp”]** keyword. In a physics theory, these are one-dimensional branes whose vibrations determine their mass and charge.

answer: **string**

B. Java is among the languages that allow this type useful in file transfer. Common in memory size specifications, it consists of eight bits.

answer: **byte** (do not accept longer answers like “megabyte”)

C. Seen in databases and Excel, in 2013 MATLAB added this data type that stores column-oriented information. Its properties include dimension names and a description.

answer: **table**

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17. This man's book includes the phrase, "The Lord gave, and the Lord hath taken away". For 10 points each—

A. Name this wealthy biblical man from Uz who keeps his faith even after he is afflicted with sores and loses his livestock and children.

answer: **Job**

B. Mistert Zuss and Nickles stand in for good and evil in this Archibald MacLeish adaptation of the Job story. The title millionaire banker is known by initials.

answer: **J.B.**

C. The messenger Lipton tempts Joe Benjamin to renounce God in this author's play *God's Favorite*. This playwright also wrote *Barefoot in the Park* and *The Odd Couple*.

answer: Neil **Simon**

18. Some of the newest research stations here include China's Taishan and Chile's Union Glacier. For 10 points each—

A. Give this continent where the McMurdo Station can support a population of twelve hundred.

answer: **Antarctica**

B. The U.S. South Pole station is named for Robert Scott and what Norwegian who reached the point in 1911?

answer: Roald **Amundsen** (accept **Amundsen-Scott** South Pole Station)

C. Norway's claim comprising one-fifth of Antarctic territory is named for this queen. This wife of King Haakon VII ["the seventh"] was a daughter of England's Edward VII ["the seventh"].

answer: **Maud** of Wales or **Maud** Charlotte Mary Victoria Windsor (accept **Queen Maud Land**)

19. For 10 points each—give these years of the 2020s:

A. The target finish date of Gaudi's *Sagrada Família* is this year in which the U.S. will celebrate its semiquincentennial [semi-quin-centennial].

answer: **2026** [semiquincentennial a one term for a 250th anniversary]

A. Brood 10 of periodical cicadas, whose parents were seen in 2004, will emerge in what year in which the century and the ordinal year of that century will match?

answer: **2021** [the 21st year of the 21st century; the cicadas have a 17-year cycle]

C. The film *Logan* was set in this year that Skynet sends the T-1000 back in time in *Terminator 2*. Astronomers are also watching asteroid 99942 Apophis [ah-POFF-is], which will pass close to Earth on Friday, April 13th in this year.

answer: **2029**

20. Andrew Motion and Carol Ann Duffy have held this position. For 10 points each—

A. Give this post John Masefield held when he wrote "A Prayer for the King's Majesty upon his coronation" in honor of George VI ["the sixth"].

answer: **poet laureate** of the United Kingdom

B. This man held the laureate position between 1843 and 1850 and wrote the poems "Lines written a few miles above Tintern Abbey" and "I Wandered Lonely as a Cloud".

answer: William **Wordsworth**

C. "Behold her, single in the field" begins a Wordsworth poem about a "Solitary" one of these people. Wordsworth meant a person who collects a crop, not a grim figure who guides the dead to the afterlife.

answer: **reaper** (accept The **Solitary Reaper** or the **grim reaper**)

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21. This country is the northeasternmost of the Maghreb region. For 10 points each—

A. Fez hats are named for a city of what country whose other locales include Marrakesh and Casablanca?

answer: Kingdom of **Morocco**

B. Ancient Romans called the region including northern Morocco by this name. The modern country of this name has capital Nouakchott [now-ACK-shet].

answer: **Mauretania** or **Mauritania**

C. The name of this Moroccan ethnic group is ancient Egyptian for “outlander”. A language group with this name includes Tuareg, Shawiya, and Ghomara.

answer: **Berber** or **Imaziyen** (accept **Berber languages**)

22. For 10 points each—name these student societies:

A. Engineers, architects, and scientists may join this social fraternity founded at Illinois Urbana-Champaign. Its name is a geometric figure whose angles sum to 180 degrees.

answer: **Triangle** Fraternity

B. Founded at William and Mary in 1776, this is the oldest U.S. academic honor society.

answer: **Phi Beta Kappa**

C. The film *The Good Shepherd* claimed many CIA official were closely linked to this Yale secret society. It meets in “The Tomb”, which is rumored to possess the cranial remains of Geronimo.

answer: **Skull** and **Bones** (accept either underlined name as members as variously called “Bonesmen” and “The Skulls”)