

by Bill Tressler

with thanks to Bern McCauley and the Great Valley Quiz Team

## Tossups

1. **Anatomical components in this organ include Blaschko's lines, the Stratum corneum, and Merkel cells. Its chromaticity is affected by Malassezia yeasts and vitiligo. Often comorbid with intestine celiac disease, Duhring's condition seen in this organ is caused by gluten consumption. Weighing twenty pounds in adults, other conditions with visible signs here include (\*) psoriasis, rosacea [roh-SAY-sha], eczema, and acne. The dermis and epidermis are layers of—for 10 points—what outermost layer of the human body?**

answer: **skin** (the clues generally refer to **human skin**)  
[Michael Jackson's vitiligo lightened his skin]

2. **Carl Schmitt wrote on these people in 1921 and drew distinction between commissary and sovereign ones. Neuroscientist James Fallon links these people to charisma, a masterful ability to lie, and a lack of compassion. Titus Lartius was the first ancient one with a six-month term, and in 458 BC (\*) Cincinnatus used this role to deal with an Aequi invasion and then relinquished it to return to farming. Suggested recent examples include Uzbekistan's Islam Karimov and Aleksandr Lukashenko of Belarus. For 10 points—give this term for an authoritarian leader.**

answer: **dictator** (accept word forms; Schmitt's work is Die **Diktatur** or On **Dictatorship**)

3. **The composer of this ballet was underwhelmed by Aleksandr Ziloti's transcription and commissioned Sergei Rachmaninoff to write an 1890 piano duet. Its second act begins with a hunting party playing blind man's bluff. Harps introduce this piece's Rose Adagio, in which four suitors dance at a 16<sup>th</sup> birthday celebration. Based on a Charles (\*) Perrault tale, its characters include The Lilac Fairy, Carabosse, and Prince Désiré. For 10 points—name this Tchaikovsky ballet in which Princess Aurora touches a spindle and then is not awake for 100 years.**

answer: The **Sleeping Beauty** or **Spyashchaya krasavitsa**

4. **Around 1849 Edwin Babbitt used this as a quartermaster depot, and wanted to remove its church ruins. By some accounts, Henry Warnell did escape this site and died in Port Lavaca a few months later. The subject of Randy Roberts' *A Line in the Sand*, General Martín Perfecto de Cos surrendered this property in (\*) 1835. José Gregorio Esparza was the last militiaman killed here among those led by William Travis and Jim Bowie. For 10 points—name this San Antonio mission sieged by Antonio Lopez de Santa Anna people are told "to remember".**

answer: **Alamo** Mission in San Antonio or **Misión San Antonio de Valero**

5. **A man in this work sails from the Orkneys to drown a basket, and upon returning to land is brought to magistrate Kirwin's house. Another of its characters makes a nighttime forest trip to help Agatha and Felix with a firewood pile. During a cold voyage at this novel's start, Robert Walton discovers an emaciated man chasing (\*) Elizabeth Lavenza's murderer. Its title doctor went to the slaughter house and dissecting room, and the resulting experiment had black lips and yellow skin. Mary Shelley wrote—for 10 points—what work featuring a hideous monster?**

answer: **Frankenstein**

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6. This opening act on the 2012 Camp tour remembers Santas, grandmas, and fourth grade talent shows in his song “Nostalgia”. He sang “I need you in my life” while hosting *Saturday Night Live* and lauding the previous president in “Come Back Barack”. This fiancée of Kirsten Corley and Savemoney collective member worked on the (\*) *Surf* album of The Social Experiment. This rapper’s albums include *10 Day*, *Acid Rap*, and *Coloring Book*. In a TV ad he holds a candy bar where his face is singing on the rapper. For 10 points—give this musician in a Kit Kat commercial.

answer: Chance the Rapper or Chancelor Johnathan Bennett

7. The IPD is one of these quantities of interest to optometrists. Astronomers calculate one as ten to a power with apparent magnitude minus absolute magnitude, which can be used with standard candles and is called a cosmic ladder. One of these results when integrating the absolute value of a velocity equation with respect to (\*) time. Given two points, this equals the positive square root of the sum of two squared differences of coordinates. Displacement vectors are related to—for 10 points—what quantity that can be measured in parsecs, millimeters, or miles?

answer: distance (accept length; prompt on “position” or “displacement”)  
[IPD is interpupillary distance]

8. This writer states “It is true / I was created in you” in the poem “Mother, A Cradle to Hold Me”. She sung in the *Miss Calypso* album, and shared recipes in *Hallelujah! The Welcome Table*. She created “A Brave and Startling Truth” for the UN, and at Bill Clinton’s inauguration, she read “On the Pulse of Morning”. In a 1969 autobiography, her brother (\*) Bailey does not use her birth name Marguerite, and they endure racism in Stamps, Arkansas. *I Know Why the Caged Bird Sings* is by—for 10 points—what writer whose friends called her “Maya”?

answer: Maya Angelou

9. As one man was doing this activity, he satisfied a bet with Oriana Fallaci by exclaiming, “Whoopie!”. During Hadley Rille’s time doing this, he installed a 3-inch sculpture by Paul Van Hoeydonck. Alan Bean broke a television camera while doing this and David Scott dropped a hammer and a feather at the same time. An (\*) excavation tool with an attached six iron led to the exclamation ‘the ball went miles’ while Alan Shepard was doing this. For 10 points—give this feat accomplished by twelve astronauts including Neil Armstrong.

answer: walking on or being on or traveling to the Moon (or Luna; accept any similar answer including the Apollo Missions) [Fallaci claimed NASA told astronauts what to say during broadcasts.]

10. A ritual to prevent a demonic event in this poem states “Weave a circle round him thrice”. The author changed this poem’s original Mount Amara into Mount Abora, and it describes measureless caverns and the River Alph. Subtitled “A vision in a dream”, its title character hears “Ancestral voices prophesying war!” In its first two lines, a (\*) stately pleasure-dome is created in Xanadu [ZAN-ah-due]. Samuel Taylor Coleridge wrote—for 10 points—what poem titled for a Mongol grandson of Genghis Khan?

answer: Kubla Khan

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11. **This man wrote of revolution in fictional Laurania in his novel *Savrola*. To learn war tactics, he and Reginald Barnes traveled with General Valdez during Cuba's independence. He responded to the Tonypandy riots of coal workers as Home Secretary. When he said "never... was so much owed by so many to so few" he was praising the (\*) air force, and his 1946 "Sinews of Peace" address said an iron curtain had descended across Europe. Clement Attlee's government was between prime ministerships of— for 10 points—what World War II British leader?**

answer: (Sir) Winston **Churchill**

12. **Louis Agassiz published an 1840 study of these objects, but his non-uniformitarianism ideas were controversial. While exploring one, Griffin Taylor discovered Blood Falls, a reddish outflow of oxides produced by an isolated ecosystem south of the Asgard Range. Whitecrow, Pumpelly, and Ipasha are some of these in a U.S. (\*) National Park. The mounds of till they leave behind are moraine, and they form small drumlin hills as they move. A majority of Earth's freshwater is locked up in—for 10 points—what large blocks of ice?**

answer: **glaciers**

13. **A canvas thought to be this man's last painting has an animal-skin-clad figure pointing up with his right index finger. He painted Ginevra de Benci in front of a juniper tree, and probably showed himself in the Lucan Portrait. Though some question the authenticity, in November 2017 his *Salvator Mundi* garnered \$450 million at auction. His painting for the (\*) Sforza [suh-FORE-suz] family mausoleum depicts a betrayal announcement, as twelve figures at a table react to Christ in the center. For 10 points—who is this artist of *The Last Supper* and *The Mona Lisa*?**

answer: Leonardo **da Vinci** or Leonardo di ser Piero **da Vinci**

14. **Chinese folklore states the Candle Dragon's breathing creates these events. Jarilo's "walk" explains these in Slavic mythology, where Jarilo marries Morana and then cheats on her. Two Hopi personifications of these loved the Blue Corn Maiden and agreed to take turns living with her. Romans linked them to Aestas, Angerona, and (\*) Flora. In Greek myth they occur because Persephone ate pomegranate seeds in the underworld and must return there a few months each year. For 10 points—give these times of the year that include summer and fall.**

answer: **seasons** (accept answers listing the seasons, including **summer and winter**)

15. **In 2017 this scientist and Richard Burgess published in the journal *Protein Expression*. This American said Craig Venter's Celera sequencing machines "could be run by monkeys". His memoir *Avoiding Boring People* was criticized for using "Rosy" to belittle his colleague Rosalind Franklin. A past (\*) Cold Spring Laboratory director, he cooperated with the National Institutes of Health on the Human Genome Project. The double-helix structure of DNA was found by—for 10 points—what partner of Francis Crick?**

answer: James **Watson**

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16. **The Stolarsky-Harboth constant is related to this composition's sections. The Sierpinski sieve is equivalent to this structure using remainders and division by two. The Chinese credit it to Yang Hui, and Italians call it Tartaglia's structure. Singmaster's conjecture states there is an upper bound on its entry counts, with 3003 appearing (\*) eight times in it. Used to expand X and Y, all to the N power, its outer diagonals are ones and each interior number is the sum of the two above it. For 10 points—give this arrangement of numbers named for a Frenchman.**

answer: **Pascal's triangle**

17. **Robert Sobel's novel *For Want of a Nail* changes the winner of one of this war's battles. This conflict is the setting of Ann Rinaldi's *A Ride into Morning*, an account of Temperance Wick. Governor Thomas Hutchinson, Thomas Gage, and a silversmith apprentice are characters experiencing this war in Esther Forbes' (\*) *Johnny Tremain*. Howard Fast's novel *April Morning* is set during it, and tells of a nighttime horseback rider startling Lexington, Massachusetts citizens. For 10 points—give this war by which thirteen colonies became free.**

answer: **Revolutionary War or American Revolution or U.S. War for Independence**

18. **In November 2017 a cyclone named Numa made rare landfall in this country. Its seaside village of Mati was devastated and dozens were killed by summer 2018 wildfires. It missed a payment on an IMF loan in June 2015, and about a third of this country lives in poverty. Elliniko and Moria were camps created in this country after a million sought (\*) European refuge. This country led by Prime Minister Alexis Tsipras [SIH-pras] has blocked Macedonia's NATO entry over a name it claims for its own northern region. For 10 points—name this country whose capital is Athens.**

answer: **Greece or Hellenic Republic or Elladha or Ellinikí Dimokratía**

19. **A.E. Siegman introduced the M-squared parameter to measure these tools' quality. In 2017 Oregon's Meduri Farms started using them to deter berry-eating birds. At Washington and Louisiana LIGO observatories they detect gravitational waves. In 1960 Ted Maiman developed one at a 694-nanometer wavelength using a (\*) ruby crystal. A mirror targets these in some printers, and they reshape corneas in an eye surgery. Presentation pointers may use—for 10 points—what beams of focused light?**

answer: **laser**

[ LIGO stands for The Laser Interferometer Gravitational-Wave Observatory]

20. **Ross Hassig's book about these people called failed warriors "youth with a baby's lock", while their honored Shorn Ones never stepped backwards. Diego Durán's codex lists "Chalk Leg" and "Water Face" among their kings. During a 1323 migration, these Nahuatl speakers found an eagle clutching a snake and founded a (\*) Lake Texcoco capital. The Alvarado Massacre during their 1520 Toxatl festival occurred after Hernán Cortés met their emperor Montezuma. Toltecs were before, and the Mixtecs fought—for 10 points—what Mexican empire?**

answer: **Aztecs**

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21. In a George Bernard Shaw play, a title lady described by this term finds Shakespeare talking to Queen Elizabeth. Along with “great”, it labeled the Neptune southern hemisphere region of intense winds found by Voyager 2. This adjective titles a Philip Pullman trilogy including *The Amber Spyglass* and *The (\*) Golden Compass*. It also describes energy explaining acceleration of the universe’s expansion, and hypothetical matter we have not yet seen. In Christopher Nolan films, Batman is—for 10 points—what kind of knight that isn’t bright?

answer: **dark** (accept **The Dark Lady**, **Great Dark Spot**, **His Dark Materials** et cetera)

22. Edward Carney divided these linguistic entities into auxiliary, inert, and empty types, and said they compensate for the Roman alphabet’s under-differentiation among the 44 English phonemes. In 1569 John Cheke proposed removing them as an orthographic reform. They are rare in German except for e’s following i’s, and the eighth component of the (\*) Spanish alphabet is usually one. The words "aesthetic", "mnemonic", "gnat", and "psychology" all start with one. For 10 points—give the term for these letters which are not pronounced.

answer: **silent** letters

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## Bonuses

1. In a title, he “Travels into Several Remote Nations of the World”, “First a Surgeon, and then a Captain of Several Ships”. For 10 points each—

A. Name this Jonathan Swift character who encounters the Houyhnhnms [HWIN-ums], a race of talking horses.

answer: **Lemuel Gulliver** (accept either underlined name)

B. Land or race acceptable. In May 1699 Gulliver visits these people who are less than six inches tall. When Gulliver refuses a request, their king charges him with treason.

answer: **Lilliput** or **Lilliputians**

C. In the third voyage Gulliver encounters the Struldbrugs, who have this condition. In Greek myth Eos asked Zeus to grant Tithonus this circumstance.

answer: **immortality** (accept equivalent descriptions like **living forever**; also accept **immortality but lacking eternal youth** and similar)

2. For 10 points each—give these medical conditions named for people who studied them:

A. Short-term memory loss and getting lost are symptoms of this most common form of dementia, which is named for a German.

answer: **Alzheimer's** disease

B. A French doctor described this tic disorder that begins in childhood. Affected individuals may uncontrollably blink eyes, clear their throats, or swear compulsively.

answer: **Tourette's** syndrome

C. Repeated trinucleotides on the transcript 15 gene are linked to this condition that often manifests in middle age. An American identified its symptoms, which include jerky motions, irritability, and cognition loss.

answer: **Huntington's** disease

3. For 10 points each—give these answers related to witness testimony:

A. Coming from Latin meaning “under penalty”, this term is a court-issued writ compelling a witness to appear and testify.

answer: **subpoena** ad testificandum

B. Baseball player Barry Bonds was tried on four counts of this crime of giving false testimony; in Bonds' case it occurred during a grand jury investigation of steroid use.

Answer: **perjury**

C. Witnesses are generally not allowed to make these kinds of statements where one repeats what another said to him or her. The case *Crawford v. Washington* set strict standards for its use in court.

Answer: **hearsay**

4. It was Virginia's capital until 1699. For 10 points each—

A. Give this colony led by John Smith and visited by Pocahontas.

answer: **Jamestown**

B. One cause of Jamestown's 1609 Starving Time was George Somers' relief ship becoming stranded on this Atlantic Ocean territory. It has also been called the Somers Isles archipelago.

answer: **Bermuda**

C. Ready to abandon Jamestown, the residents were met in June 1610 by this captain. His name was later applied to a colony north of Virginia that formerly contained Fort Christina built by the Swedish.

answer: Lord **Delaware** or Thomas **West**, 3<sup>rd</sup> Baron **De La Warr** (accept any underlined name)

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5. This canvas in MOMA's collection shows a brown room with a dog's shadow in its left. For 10 points each—

A. Name this painting that depicts a clarinet player, a guitarist, and a singer.

answer: **Three Musicians**

B. *Three Musicians* is by what Spanish cubist who also created *Guernica*?

answer: Pablo **Picasso**

C. Picasso did several works with this title, including a 1969 blue and white version thought to show the artist and his wife Jacqueline in an endearing moment. Gustav Klimt's 1907 work with this title has a close pair against a gold background.

answer: The **Kiss**

6. For 10 points each—name these hymns:

A. Julia Ward Howe composed the lyrics to this hymn whose chorus states, "Glory, glory, hallelujah! / His truth is marching on".

answer: **Battle Hymn of the Republic**

B. This hymn by John Newton states its title and then continues "how sweet the sound / that saved a wretch like me". In its second verse the title compassion relieves fears.

answer: **Amazing Grace**

C. The fire begins to blaze, drums begin to bang, and stars fall from the sky in this spiritual. It is played when the New Orleans football team achieves success.

answer: **When the Saints Go Marching In**

7. For rational functions, this is often the values where the denominator does not equal zero. For 10 points each—

A. Give this term for the set of valid arguments of a function, which are then mapped to the range.

answer: **domain** (do not accept "codomain", another term for the range)

B. Also known as inverse sine, the arcsine function has a domain that includes the values between what two numbers, which are the minimum and maximum of the sine function?

answer: all reals between **-1 and 1** inclusive or  **$-1 \leq x \leq 1$**

C. In this function, every value in the domain is mapped to the same value in the range. It can be denoted  $f(x) = x$ .

answer: **identity** function or mapping or relation

8. For 10 points each—give these answers related to the 2018 FIFA World Cup:

A. In the final, Croatia was defeated by what team whose players include Olivier Giroud and Antoine Griezmann?

answer: **France** or **French Republic** or **République française**

B. The Golden Boot, given to the tournament's leading scorer, was earned by this captain of the English national team, a Tottenham Hotspur striker.

answer: Harry **Kane**

C. For the first time the fair play tiebreaker was used, as it eliminated Senegal and advanced Japan into the knockouts. Fair play points accumulate during what gametime events?

answer: drawing **penalty cards** or **red** and **yellow cards** (prompt on partial answers)

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9. This describes publications like *Detective Story Magazine* and *Out of This World Adventures*, which were popular in the early 20<sup>th</sup> century. For 10 points each—

A. Give this term for fiction of varying quality, whose name came from the fibrous materials used to make the cheap paper of such works.

answer: **pulp** fiction

B. One successful pulp fiction author was this one who sold "Marooned Off Vesta" to *Amazing Stories*. His later novels include the *Foundation* trilogy and *I, Robot*.

answer: Isaac **Asimov**

C. *Science Fiction Stories* published this writer's "The Great Secret". His works including *Battlefield Earth* and *Dianetics* are studied by the Church of Scientology he founded.

answer: L(afayette) Ron(al) **Hubbard**

10. In 1969 his government established bilingualism through the Official Languages Act. For 10 points each—

A. Name this man, whose son Justin is now Canada's prime minister.

answer: Pierre **Trudeau**

B. Pierre Trudeau was born in Montreal, a city in what French-speaking Canadian province?

answer: **Quebec**

C. Trudeau invoked wartime powers during this event in which the separatist FLQ kidnapped a cabinet minister and British diplomat. This crisis is named for its occurrence in a fall 1970 month.

answer: **October** Crisis

11. It is thought this man was owned by Xanthus of Samos and that his wise advice caused residents to frame him for theft. For 10 points each—

A. Name this ancient fable writer who appears in Plutarch's "Dinner of the Seven Wise Men" to tell short morality tales.

answer: **Aesop**

B. The title of a William Carlos Williams poetry volume, this two-word expression refers to food in Aesop's fable the fox can't get and then claims he doesn't want.

answer: **sour grapes**

C. In another Aesop fable, one of these creatures evicts a traveler who claims to blow fingers warm and blow soup cold. In myth, Silenus is one of these faunlike creatures.

answer: **satyr**

12. This force keeps roller coasters on the track during vertical loops. For 10 points each—

A. "Center seeking" is the meaning of what force experienced by bodies moving on curved paths?

answer: **centripetal** force (do not accept "centrifugal")

B. One calculation related to centripetal force is velocity squared over radius, which equals this rate of velocity change. Generally, this is the "speeding up" or "slowing down" of an object.

answer: **acceleration** (or **deceleration** or **negative acceleration**)

C. Centripetal and other forces are balanced at these points between celestial bodies. The Deep Space Climate Observatory was placed at one of these five points named for French scientist, which can be referred to using that man's initial.

answer: **L** or **Lagrange** or **Lagrangian** (or **libration**) points (accept **L<sub>1</sub>** through **L<sub>5</sub>**)



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13. As a result of this agreement, Germany was required to pay 50 billion marks in reparations. For 10 points each—

A. Name this June 1919 treaty ending World War I, which was signed in a French palace built by Louis XIV ["the fourteenth"].

answer: Treaty of **Versailles** [ver-SIGH]

B. In *The Economic Consequences of the Peace*, this man argued the treaty's terms would harm Europe. Governments following this British economist's theories generally employ interventions to stabilize their markets.

answer: John Maynard **Keynes** [KANES]

C. Because he felt Versailles played a role in causing World War II, this Secretary of State outlined an effort to rebuild Europe in a 1947 speech, known as his plan.

answer: George **Marshall** (accept the **Marshall Plan**)

14. One of these plants in the Philippines, *Nepenthes attenboroughii* [nah-PEN-theez ah-ten-BORE-oh-eye], is capable of snaring shrews and rats. For 10 points each—

A. Give the generic term for plants like sundews that eat organisms, a term contrasted with herbivores which eat plants.

answer: **carnivores** or **carnivorous**

B. Native to the Carolinas, this carnivorous plant has sections which close when an insect touches the tiny hairs on its surface.

answer: **Venus flytrap** or **Dionaea muscipula**

C. These carnivorous plants have slippery traps often filled with digestive liquid. *Sarracenia purpurea* [sar-ah-SEN-ee-ah pur-pur-EE-ah] is called the purple one of these.

answer: **pitcher** plants

15. For 10 points each—give these biblical cities:

A. The Christian Palm Sunday recalls Christ's entry into this city that housed Herod's Palace. In December 2017 President Trump declared this disputed city to be Israel's capital.

answer: **Jerusalem**

B. The Church of the Annunciation is in this northern Israeli city that tradition holds was Jesus's childhood home. An Arabic term for Christians is derived from its name.

answer: **Nazareth** [the Arabic term is Naṣrānī]

C. In Revelation this city has the first of the Seven Churches of Asia. The New Testament's tenth book is addressed to people of this city where the Temple of Artemis was built.

answer: **Ephesus** [the book is Letter to the Ephesians]

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16. In 1956 scientists met at a Dartmouth Summer Research Project named for this field. For 10 points each—

A. Give this computer science field that studies reasoning and natural language processing, and writes programs with the goal of teaching machines to learn.

answer: **AI** or **Artificial Intelligence**

[the event was the Dartmouth Summer Research Project on Artificial Intelligence]

B. This company founded by Paul Sciarra and Evan Sharp uses artificial intelligence to classify photos. Users of this site follow topics of interest and create photo boards.

answer: **Pinterest**

C. Luis von Ahn coined this term for puzzles AI researchers use to test algorithms. To prevent automated users, a common example of these seen on webpages asks viewers to type distorted letters.

answer: **CAPTCHA**  
or **Completely Automated Public Turing test to tell Computers and Humans Apart**

17. Refugees of this ethnicity have fled to the Kutupalong and Nayapara refugee camps. For 10 points each—

A. Name these people who fled into Bangladesh during 1977's Operation Dragon King.

answer: **Rohingya** or **Ruáingga**

B. The Rohingya have been a persecuted minority in this country where State Counsellor Aung San Suu Kyi ["awn san sue chee"] serves in Naypyidaw. It was formerly known as Burma.

answer: Republic of the Union of **Myanmar** or Pyidaunzu Thanmáda **Myáma** Nainngandaw

C. Among relief organizations helping the refugees is the International Red Cross, which in Muslim countries is known under this name whose symbol includes a partially blocked moon.

answer: **Red Crescent**

18. For 10 points each—name these Nathaniel Hawthorne works:

A. Hester Prynne wears the character "A" after committing adultery in this Hawthorne novel set in 1630s Massachusetts.

answer: The **Scarlet Letter**

B. Hepzibah Pyncheon opens a shop in this work about a dwelling haunted by death and witchcraft. That mansion has a septet of triangular features.

answer: The **House of the Seven Gables** (this is a title; "House of Seven Gables" is incorrect)

C. Elizabeth breaks off an engagement to the Reverend Hooper in this short story titled for an object that separates him from the "sunshine of eternity".

answer: The **Minister's Black Veil**

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19. One member of this ethnic group, Íñigo Arista, became the first king of Pamplona in the 9<sup>th</sup> century. For 10 points each—

A. Name these people whose ancestors were known as Vascones. They speak a non-Indo-European language in which they call themselves “Euskaldunak”.

answer: **Basques**

B. Many Basques live at the western end of these mountains between France and Spain. This range’s highest peak is Aneto.

answer: **Pyrenees**

C. The 778 Battle of Roncevaux Pass was between Basques and this man’s army. This King of the Franks and Holy Roman Emperor was a son of Pepin the Short.

answer: **Charlemagne** or **Charles the Great** or **Charles I**

20. In *Theogony*, Hesiod wrote that Gaia gave birth to Brontes and Steropes, two of these beings. For 10 points each—

A. Give the term for these creatures whose one eye was in their foreheads.

answer: **cyclops** (or **cyclopes**)

B. This cyclops brother of Brontes and Steropes had a name meaning "vivid flash" or "bright".

answer: **Arges** (sometimes spelled **Argos** or **Argilipos**)

C. Because Zeus used the cyclops' thunderbolt to slay Asclepius, this father of Asclepius killed the brothers. The temple of this god of prophecy was consulted by pilgrims at the Oracle of Delphi.

answer: **Apollo**

21. The word email, meaning electronic mail, and the French equivalent courriel, meaning courrier électronique [**EE-leeck-trah-NEEK**], are examples. For 10 points each—

A. Give this term for words formed by blending others.

answer: **portmanteau**

B. This program with a portmanteau name provides hospital and doctor insurance for those age 65 and older. In 2003 Congress added drug coverage as its part D.

answer: **Medicare**

C. This portmanteau coined by Eric Simon names compounds produced by the central nervous system to inhibit pain signals. "Runner's high" is a result of these.

answer: **endorphins** [for endogenous morphine]

22. For 10 points each—name these works with Chinese characters:

A. Wang Lung and O-Lan are characters in this Pearl Buck novel, the first of a trilogy with *Sons* and *A House Divided*.

answer: The **Good Earth**

B. Four immigrant mothers and their American-born daughters are the basis of this Amy Tan work titled for a group who invest and play mahjong.

answer: The **Joy Luck Club**

C. “I”, “you”, and “she” are characters in this Gao Xingjian [**shing-JEE-ahn**] work that includes travel writing and daydreams. It is titled for Lingshan, a sacred elevation.

answer: **Soul Mountain**