

Collegiate Novice 4 Written by Ewan MacAulay, Grant Boggess, Austin Brownlow, Michael Chuber, Alex Dzurick, Joey Goldman, Nicholas Karas, Melanie Keating, Paul Kelson, Benjamin Johnson, Grace Liu, Brian Fall 2013 Mongilio, Itamar Naveh-Benjamin, Robert Pond, Victor Prieto, Jacob Reed, Graham Reid, Jihye Shin, Packet 5 Jonathan Tong Xu, Eric Xu, and Haohang Xu. Edited by Andrew Hart.

1. One poem from this country begins and ends with the same lines, “a willow of crystal, a poplar of water.” A stream-of-consciousness novel from this country features the deaths of the Indian Regina and Gonzalo Bernal. One author from this country wrote “Sunstone” and included “The Sons of La Malinche” in his *The Labyrinth of Solitude*. Another author from this country wrote about the last days of a PRI political boss in *The Death of Artemio Cruz*. For 10 points, name this home country of Octavio Paz and the author of *The Old Gringo*, Carlos Fuentes.
ANSWER: **Mexico** [or United **Mexican** States; or Estados Unidos **Mexicanos**]

2. This team drafted Gerald Wallace, but lost him to the Bobcats in an expansion draft. In Game 6 of the 2002 Western Conference Finals, this team shot 15 fewer free throws than the Lakers. This team, which drafted Ben McLemore in 2013, traded the 2010 rookie of the year to the New Orleans Pelicans for Greivis Vasquez. This NBA team, which plays in Sleep Train Arena in a city whose mayor is Kevin Johnson, nearly moved to Seattle in 2013. For 10 points, DeMarcus Cousins plays for what NBA team that plays its home games in California’s capital?
ANSWER: **Sacramento Kings** [accept either]

3. A massacre near this country’s Ezeiza airport marked the return of a former dictator. A president of this country issued annihilation decrees, which were used as justification for disappearances. A first lady from this country was accused of depositing money in Swiss banks during her Rainbow Tour of Europe. The Dirty War occurred under Jorge Videla’s rule of this country, where the descamisados swept a man into power who was later succeeded by his third wife, Isabel. For 10 points, name this country once led by Juan and Evita Peron from Buenos Aires.
ANSWER: [Republica] **Argentina** [or **Argentine** Republic]

4. One god from this myth system transformed his wife into a comb before extracting a sword from the tail of a dragon. Another deity in this system, born in Yomi like the other thunder gods, eats the navels of children. Adherents of this belief system worship at a shrine that is rebuilt every 20 years and dedicated to a goddess who retreated into a cave after her brother threw a flayed horse at her loom. For 10 points, name this myth system that reveres *kami* like the storm god Susano’o and the sun goddess Amaterasu, the traditional religion of Japan.
ANSWER: **Shinto** myth system [or **Shintoism**; prompt on **Japanese** myth system]

5. One kind of this device consists of a grid of magnetic tunnel junctions. Besides the magnetoresistive type, another kind of this device has one word-line and two bit-lines per charge storage cell. CAS latency is the time needed to access one of this device’s modules. Its capacity can be increased by creating a paging file. Both its dynamic and static versions are volatile, meaning loss of power causes loss of information. For 10 points, what type of computer memory allows reading and writing in any order?
ANSWER: **RAM** [or **random-access memory**; accept more specific answers like **MRAM**, **DRAM**, **SRAM**, etc.]

6. This author wrote a short story in which Farrington is abused at work and takes out his anger by beating up his son. In another work, he wrote of a political debate between the protagonist’s father and Dante Riordan during Christmas dinner. This author wrote a short story about a boy who falls in love with Mangan’s sister and wishes to buy her something from the title bazaar. This author of “Counterparts” and “Araby” created Stephen Dedalus, the protagonist of his *A Portrait of the Artist as a Young Man*. For 10 points, name this author of *Dubliners* and *Ulysses*.
ANSWER: James [Aloysius] **Joyce**

7. This painting was the inspiration for a photograph by Gordon Parks in which a black cleaning woman stands before a flag. Plants in pots can be seen in the center-left, on the deck of the Dibble House, in this painting, which depicts a red barn in the center-right. One figure in this painting wears a cameo brooch and another wears a single brass button. Nan Graham was one model for this painting, whose other model, a dentist named Byron McKeeby, posed for a man who holds a pitchfork. For 10 points, name this iconic painting by Grant Wood.

ANSWER: American Gothic

8. St. Augustine converted to Christianity from a religion founded in this nation. A religion founded in this nation is now governed from Israel's Universal House of Justice. This nation was home to the author of the *Epistle to the Son of the Wolf*, a follower of the Báb. One service in a religion from this nation, the Ab-Zohr, is conducted during a recitation of the *Yasna*, part of the *Avesta*. A faith from this nation centers on the opposition of Angra Mainyu and Ahura Mazda. For 10 points, name this nation, the founding place of Manichaeism, Bahá'í, and Zoroastrianism.

ANSWER: Persia [or Iran]

9. In this work, a puppeteer whose ape can tell people's fortunes is purported to be the freed slave Gines (HEE-nez) de Pasamonte. This work's protagonist steals what he believes to be an artifact from *Orlando Furioso*, the helmet of Mambrino, from a barber. At the end of one of the many interpolated stories in this novel, its title character destroys several wineskins, imagining them to be giants. For 10 points, name this Miguel de Cervantes novel about a windmill-charging "knight" from La Mancha and his companion Sancho Panza.

ANSWER: *The Ingenious Gentleman Don Quixote of La Mancha* [or *El ingenioso hidalgo don Quixote de la Mancha*; accept *El Quixote* or *The Quixote*]

10. The first major battle was decided when Mago routed the army of Tiberius Sempronius Longus and was fought along the Trebia River. In the final battle of this war, the Roman victor abused the fact that his opponents were forced to move in a straight line. The losing commander in this war scored a victory at Lake Trasimene and took a company of 30 war elephants through the Alps. For 10 points, name this war, fought from 218 to 201 BCE by the forces of Hannibal and Scipio Africanus, the respective military leaders of Carthage and Rome.

ANSWER: Second Punic War [prompt on Punic War; do not accept other Punic Wars]

11. This force acts in a non-linear manner in a paradox of rigid-body dynamics pointed out by Paul Painleve. The magnitude of this force is independent of the apparent area according to Amonton's second law. This force, which is naively modeled using atomic interactions in the Coulomb model, can be measured using a tribometer. This force is directly proportional and perpendicular to the normal contact force. For 10 points, name this force that comes in kinetic and static types, the latter of which prevents objects at rest from sliding.

ANSWER: dry friction

12. The Saville Commission investigated a 1972 incident on this island in which soldiers shot at unarmed civilians. This island, which was once ruled by High King Brian Boru, was later led by a man who supported the Home Rule bills and was disgraced by an affair with Kitty O'Shea. British troops massacred prisoners at Wexford and Drogheda during Cromwell's conquest of this island. This island was also the site of Patrick Pearse and James Connolly's Easter Rising. For 10 points, name this island which experienced a potato famine in the 1840s.

ANSWER: Ireland [or Eire; do not accept or prompt on "Northern Ireland"]

13. This author discussed an inexperienced girl, who marries a syphilitic man and is told by the church that she cannot get divorced or use birth control, in a work that claims that religion is based on fear. In another work, he discussed two meanings of the phrase “the present King of France is not bald.” The paradox of this author of “On Denoting” asks whether the set of all sets that do not contain themselves contains itself. For 10 points, name this author of “Why I Am Not a Christian” who collaborated with Alfred North Whitehead on *Principia Mathematica*.
ANSWER: Bertrand [Arthur William] **Russell**

14. Two characters in this short story vie for the hand of the daughter of a wealthy farmer, Baltus. In this story, the protagonist paces around a lightning-struck tulip tree and worries that he will meet Major John Andre. The protagonist of this story, who is the rival of Brom Bones for the hand of Katrina Van Tassel, encounters a cloaked rider at an intersection who chases him all the way to the Old Dutch Burying Ground. For 10 points, name this short story by Washington Irving about Ichabod Crane and a Headless Horseman.
ANSWER: “The **Legend of Sleepy Hollow**”

15. One section of this work shows a naked man lying on his back and reaching his arms to a naked woman lying on her stomach and is entitled *Fugit Amor*. *The Three Shades* and *Eternal Springtime* are scenes in this work, which also depicts Ugolino della Gherardesca with his children. Francesca and Paolo da Ramini are depicted embracing in this work, which includes a pensive-looking man in the center above the door panels. For 10 points, *The Kiss* and *The Thinker* are components of what group of sculptures by Auguste Rodin that depicts the *Inferno*?
ANSWER: *The **Gates of Hell*** [or *La **Porte de l’Enfer***; do not accept more specific answers]

16. This element and carbon are the only elements found in a polymer accidentally discovered by Roy Plunkett at DuPont. A compound with six atoms of this element and one atom of uranium is used for separating isotopes U235 and U238 through gaseous diffusion. Along with nitrogen and oxygen, this element can be either a hydrogen bond donor or acceptor. This element, which is found in Teflon, has a value of 3.94 on the Pauling scale of electronegativity. For 10 points, name this most electronegative element and lightest halide, with atomic symbol F.
ANSWER: **fluorine** [accept **F** before read]

17. During this battle, the “lost division” guarding Stoney Lonesome did not join the victors because Lew Wallace was confused. The victors in this battle were overwhelmed on the first day, but managed to fortify in a bunker called the “Hornet’s Nest.” Bull Nelson and Don Carlos Buell arrived to reinforce the victors at this battle, which began when Albert Sidney Johnston and P.G.T. Beauregard launched a surprise attack on Grant’s forces at Pittsburgh Landing. For 10 points, name this battle of the Civil War’s western theater, a victory for the Union in Tennessee.
ANSWER: Battle of **Shiloh** [or Battle of **Pittsburgh Landing** before read]

18. These proteins are cleaved by papain to release one Fc fragment and two Fab fragments. The many possible paratopes of these proteins are produced by near-random assembly of variable, diverse, and joining segments during somatic recombination. One isotype of these proteins can pass through placenta and is symbolized IgG. These proteins are all comprised of two light and two heavy chains. For 10 points, name these y-shaped proteins, which are produced in the specific immune response in the presence of antigens.
ANSWER: **antibodies** [accept word forms; or **Ab**; or **immunoglobulins**; or **Ig**]

19. These entities, when combined with the coda, form the rime. High examples of them have low F1 values while low examples have higher F1 values. They can be rotacized or “R-colored,” which changes how their formants are perceived. Otto Jespersen studied these sounds, of which there are five in Esperanto and eight in Nahuatl. When one of them combines with another, the result is a diphthong. For 10 points, name these phonemes, which in English were subject to a “great shift” from 1400 to 1700 and are represented by the letters A, E, I, O, U, and sometimes Y.
ANSWER: vowels [accept nucleus until “high”]

20. One of these works by Ravel begins with a whip-crack and a snare drum roll. Paul Wittgenstein commissioned the fourth composition of this type by Prokofiev. Eight chords that represent the ringing of bells begin a Rachmaninoff composition of this type, one of which was written by Schumann in A minor and inspired Grieg’s work of this type in the same key. Ones “for the left hand” were composed by Prokofiev and Ravel, and Beethoven’s fifth work of this type is nicknamed “Emperor.” For 10 points, name these works for orchestra and keyboard soloist.
ANSWER: piano concertos [or piano concerti; prompt on partial answer]

TB1. This author wrote a work in which an escaped murderer is killed on New Year’s Eve after sleeping with his boss’s red-haired lover. This author of “The Dead Man” wrote a work in which a Scotsman trades a pension check and a blackletter Wycliffe Bible in exchange for the title “Book of Sand.” Carlos Daneri takes inspiration from a point containing all other points in one short story by this author, who wrote a work in which Dr. Stephen Albert is murdered by the spy Yu Tsun. For 10 points, name this author of “The Aleph” and “The Garden of Forking Paths.”
ANSWER: Jorge Luis Borges

TB2. This river is spanned by the longest cable-stayed bridge in the United States, the John James Audubon Bridge. The Skunk, Zumbro, and Kaskaskia rivers are all tributaries of this river, whose only waterfall is St. Anthony Falls. Near the mouth of this river, some of its discharge is diverted into the Atchafalaya River. This river, which reaches its widest point at Lake Winnibigoshish, has its source in Lake Itasca and is joined by the Missouri at St. Louis. For 10 points, name this river that flows through New Orleans into the Gulf of Mexico.
ANSWER: Mississippi River

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1. An object travelling at the same speed as these waves in a medium is moving at Mach 1. For 10 points each:

[10] Name these mechanical waves, the oscillations of pressure propagating through a medium.

ANSWER: **sound** waves [accept **sonic** wave]

[10] Sound waves are an example of this type of wave, where the oscillations are parallel to the direction of wave propagation.

ANSWER: **longitudinal** wave [or **compression** waves]

[10] When two sound waves have slightly different frequencies, they interfere constructively and destructively so that volume varies periodically with this frequency.

ANSWER: **beat** frequency

2. This man was accused of poisoning his son Jochi to secure the succession of another son, Ogedai. For 10 points each:

[10] Name this conqueror who founded Karokorum and sacked the Khwarezmi empire's capital of Samarkand with the help of generals like Subutai.

ANSWER: **Genghis Khan** [or **Temujin**; prompt on **Khan**]

[10] Genghis Khan ruled an empire that shares its name with this landlocked modern-day country.

ANSWER: **Mongolia** [accept **Mongolian** Empire; or Great **Mongolian Nation**; or Ikh **Mongol** Uls]

[10] When the Mongol Empire splintered amid succession squabbles, this smaller khanate, founded by Batu Khan and composed of "White" and "Blue" factions, held much of Eastern Europe.

ANSWER: **Golden Horde** [or **Altan Ordny Uls**; or **Qipchak** khanate; or **Ulus of Jochi**]

3. The timpani play a left-left-left-right-left march at the beginning of this man's sixth symphony, nicknamed "Tragic." For 10 points each:

[10] Name this German composer who included a minor setting of "Frere Jacques" in his "Titan" Symphony.

ANSWER: Gustav **Mahler**

[10] This German composer of a *Spring Symphony* quoted his *Papillons* in a work incorporating the ASCH musical cryptogram, *Carnaval*.

ANSWER: Robert **Schumann**

[10] Mendelssohn's *String Octet in E-flat major* inspired the *String Octet in B-flat major* of this German composer, who composed a set of cello variations on the Kol Nidrei prayer.

ANSWER: Max [Christian Friedrich] **Bruch** [or Max Karl August **Bruch**]

4. One spark of this conflict was British impressment of American merchants. For 10 points each:

[10] Name this war, the first officially declared by the United States.

ANSWER: War of **1812**

[10] The U.S. loss at this battle during the War of 1812 under General William Winder led to the burning of Washington D.C.

ANSWER: Battle of **Bladensburg** [accept **Bladensburg Races**]

[10] This president during the War of 1812 drafted much of the U.S. Constitution and wrote the Bill of Rights. His wife saved a portrait of George Washington from a burning White House.

ANSWER: James **Madison** [accept **Dolly Madison**]

5. Let's take a trip through an organic synthesis. For 10 points each:

[10] Starting with ozonolysis of an un-substituted alkene in dimethyl sulfoxide, or DMSO, will yield this functional group that contains a carbonyl group at the end of a carbon chain.

ANSWER: **aldehyde** [prompt on **CHO**]

[10] Taking your aldehyde and reacting it with a source of hydride will give you this functional group, the simplest type of which is methanol.

ANSWER: **alcohol** [accept **hydroxide**; prompt on **ROH**]

[10] Doing the initial ozonolysis on a substituted alkene will yield this functional group instead of an aldehyde. It is basically an aldehyde with the carbonyl group in the middle, not on the end.

ANSWER: **ketone** [prompt on **R-C-O-R prime**]

6. This novel follows the doppelgangers Charles Darnay and Sydney Carton. For 10 points each:

[10] Name this novel in which Madame Defarge is obsessed with revenge against the Evremondes.

ANSWER: A ***Tale of Two Cities***

[10] *A Tale of Two Cities* was written by this author of *Oliver Twist* and *A Christmas Carol*.

ANSWER: Charles [John Huffam] **Dickens**

[10] Charles Dickens also wrote this novel about Nell Trent, her grandfather, and the title establishment, which is lost due to gambling at cards.

ANSWER: *The **Old Curiosity Shop***

7. This technique is contrasted with B.F. Skinner's "operant" approach. For 10 points each:

[10] Name this process by which a neutral stimulus is presented with an unconditioned stimulus to elicit a response.

ANSWER: **classical conditioning** [accept word forms of either word; prompt on partial answer]

[10] This Russian psychologist classically conditioned dogs to drool at the ringing of a bell.

ANSWER: Ivan [Petrovich] **Pavlov**

[10] If a previously conditioned stimulus no longer elicits a response, then this phenomenon has occurred. Spontaneous recovery may restore a conditioned response following this phenomenon.

ANSWER: **extinction** [accept word forms]

8. This ruler murdered his own son, the heir apparent, leading to the incompetent Fyodor the Bellringer coming to power. For 10 points each:

[10] Name this second-to-last member of the Rurik Dynasty and first Tsar of All the Russias.

ANSWER: **Ivan the Terrible** [or **Ivan IV** Vasilyevich; or Ivan **Grozny**; prompt on **Ivan**]

[10] This period, which began soon after the death of Ivan the Terrible, was plagued by False Dmitris and government disorganization in Russia before the rise of the Romanovs.

ANSWER: **Time of Troubles** [or **Smutnoe vremia**]

[10] This Romanov tsar, who led Russia during the Great Northern War, attempted to modernize Russia through policies including a "beard tax" and compulsory education for nobility.

ANSWER: **Peter the Great** [or **Peter I**; or **Pyotr Alexeyevich**; prompt on **Peter** or **Pyotr**]

9. For 10 points each, name these Roman poets of the Augustan period.

[10] This author of the *Eclogues* depicted the fall of Troy in the *Aeneid*.

ANSWER: **Virgil** [or Publius **Vergilius** Maro]

[10] This poet, who wrote a set of letters from such “heroines” as Penelope in his *Heroides*, told the story of Pygmalion in his *Metamorphoses*.

ANSWER: **Ovid** [or Publius **Ovidius** Naso]

[10] This poet, who wrote four books of elegies focusing on a woman named Cynthia, is the subject of an “homage” by Ezra Pound.

ANSWER: **Sextus Propertius** [prompt on partial answer; accept “**Homage to Sextus Propertius**”]

10. This god was served by the Flamen Dialis. For 10 points each:

[10] Name this head of the Capitoline Triad and the Roman Pantheon, a god whose signs included the thunderbolt and the eagle.

ANSWER: **Jupiter** [or **Jove**; accept **Zeus**]

[10] This member of the Capitoline Triad was a virgin daughter of Jupiter. Her image was supposedly brought from Troy to Rome by Diomedes.

ANSWER: **Minerva** [accept **Athena**]

[10] Many of the non-Greek aspects of Jupiter and Minerva derive from Tinia and Menvra, gods of this Italic people, a predecessor civilization to Rome.

ANSWER: **Etruscans** [accept word forms]

11. This painting commemorates the July Revolution of 1830. For 10 points each:

[10] Name this work in which a half-nude woman holding the French tricolor flag leads soldiers into battle.

ANSWER: **Liberty Leading the People** [or *La Liberté guidant le peuple*]

[10] This creator of *The Barque of Dante* and *The Women of Algiers* painted *Liberty Leading the People*.

ANSWER: [Ferdinand Victor] Eugène **Delacroix**

[10] This Delacroix painting depicts nude prostitutes being killed and items being destroyed while the title Assyrian king looks on.

ANSWER: [the] **Death of Sardanapalus** [or *La Mort de Sardanapale*]

12. On this day, the *kinnot* are recited following a reading of the Book of Lamentations. For 10 points each:

[10] Name this “Black Fast” of Judaism, which commemorates such tragic events as the expulsion of the Jews from Spain.

ANSWER: **Tisha B’av** [or the **Ninth of Av**]

[10] Tisha B’av primarily commemorates the destruction of this place of worship, from which Jesus expelled some moneylenders.

ANSWER: **temple** [or **Beit haMikDash**; accept **First Temple** or **Temple of Solomon**]

[10] The first and second temples were located in this holiest city of Judaism, the capital of modern-day Israel.

ANSWER: **Jerusalem** [or **Yerushalayim**]

13. Name these geneticists, for 10 points each.

[10] This Augustinian friar, who cultivated 29,000 pea plants, derived the principles of segregation and independent assortment.

ANSWER: Gregor [Johann] **Mendel**

[10] This geneticist's work with fruit flies led him to integrate Mendel's model with his own chromosomal theory of inheritance to form the core of "classical genetics."

ANSWER: Thomas Hunt **Morgan**

[10] This geneticist, whose research on maize allowed her to demonstrate the roles of the telomere and the centromere, discovered transposons, also known as "jumping genes."

ANSWER: Barbara **McClintock**

14. The occluded type of these structures forms when a cold one overtakes a warm one. For 10 points each:

[10] Name these places where two air masses meet, which appear on a map as lines with triangles and semicircles projecting from them.

ANSWER: **fronts** [or **frontal boundaries**]

[10] In the northern hemisphere cyclones forming at stationary fronts are forced to spin counterclockwise due to this effect arising from a rotating reference frame.

ANSWER: **Coriolis** effect

[10] The Rossby number describes the ratio of inertial to Coriolis forces in fluid flow that can be described by these unsolvable differential equations.

ANSWER: **Navier-Stokes** equations

15. This work follows the life of the protagonist as he is forced to leave California's Santa Clara Valley and journey to the Klondike where he is put to work on a sled team. For 10 points each:

[10] Name this novel that features such owners as Judge Miller and Thornton.

ANSWER: *The **Call of the Wild***

[10] In this other novel by the same author, also set in the Klondike, a wolf survives the wilderness and slowly adjusts to domesticated life.

ANSWER: **White Fang**

[10] *The Call of the Wild* and *White Fang* were written by this author.

ANSWER: [John Griffith] Jack **London** [or John Griffith **Chaney**]

16. As Education Secretary, this woman was vilified as the "Milk Snatcher." For 10 points each:

[10] Name this female British Prime Minister of the Conservative Party.

ANSWER: Margaret [Hilda] **Thatcher**

[10] Thatcher was ousted by her own party and replaced with this prime minister, who earned the ire of his fellow Conservatives by signing a treaty making Britain a member of the European Union.

ANSWER: [Sir] John **Major**

[10] Major's successor as PM was this leader of New Labour who supported of the Iraq War and stepped down in favor of Gordon Brown in 2007.

ANSWER: Tony **Blair** [or Anthony Charles Lynton **Blair**]

17. At a Grey Cup event, this politician face-planted while trying to take a snap. For 10 points each:

[10] Name this obese man, the current mayor of Toronto.

ANSWER: [Robert Bruce] Rob **Ford**

[10] In 2013, Ford was accused of smoking the “crack” variety of this drug.

ANSWER: **cocaine**

[10] This gossip news site, which also controls Deadspin and Gizmodo, originally broke the story that they’d been offered a video of Ford using a glass crack pipe.

ANSWER: **Gawker** Media

18. The “Liebestod” ends one of this man’s operas. For 10 points each:

[10] Name this German composer of *Tristan und Isolde*, whose *Mastersingers of Nuremberg* features the “Prize Song.”

ANSWER: Richard **Wagner**

[10] This set of Wagner operas, named for a piece of Norse jewelry, begins with *Das Rheingold* and includes “The Ride of the Valkyries.”

ANSWER: **Ring** cycle [or *Der Ring des Nibelungen* or *The Ring of the Nibelung*]

[10] The title character of this Wagner opera pilgrimages to Rome after singing a love song to Venus. Wolfram loves Elisabeth, who dies at the end of this opera.

ANSWER: **Tannhauser**

19. Gabriel Fauré set nine of this man’s poems in *La bonne chanson*. For 10 points each:

[10] Name this poet of “Il pleure dans mon cœur,” who included “Chanson d’automne” in his *Poèmes saturniens*, or *Saturnine Poems*.

ANSWER: Paul [Marie] **Verlaine**

[10] Verlaine wrote in this native language of Arthur Rimbaud and Charles Baudelaire.

ANSWER: **French** language [or **Français**]

[10] Rimbaud and Verlaine both participated in this 19th-century literary movement along with Stéphane Mallarmé.

ANSWER: **symbolism** [accept word forms]

20. This man wrote about using ethos, pathos, and logos as means of persuasion. For 10 points each:

[10] Name this ancient Greek thinker who wrote *Rhetoric* and *Poetics* and tutored Alexander the Great.

ANSWER: **Aristotle** [or **Aristoteles**]

[10] Aristotle also wrote this work, which names a branch of philosophy dealing with the nature of being.

ANSWER: **Metaphysics**

[10] In *Metaphysics*, Aristotle discusses the existence of this cause or being, an object that all events can be traced back to, which can push other things but never be pushed itself.

ANSWER: **unmoved mover** [or **prime mover**; or **kinoumenon kinei**]

21. Name these things about the early history of the British Isles, for 10 points each.

[10] This term is traditionally applied to the seven Anglo-Saxon kingdoms during the early middle ages before their unification.

ANSWER: **Heptarchy**

[10] Alfred the Great was king of this kingdom before he ruled over all of the English. His father, Aethelwulf, allied this kingdom with Mercia to fight the Vikings.

ANSWER: **Wessex**

[10] Strathclyde was an early kingdom in this present-day constituent country of the United Kingdom.

ANSWER: **Scotland** [or **Alba**]