

VCU Closed

February 2, 2013

Packet by Penn (Saajid Moyeen, Patrick Liao, Dallas Simons, David Xu, Eric Mukherjee) and Wake Forest (Josh Barber, Zachary Thomas, Seth Simmons, Bradley Hicks, Nicholas Jenkins)

1. A character in this novel is revealed to have a secret engagement so that she can avoid being a governess. In this book, a game in which people rearrange alphabet blocks leads to revelations about another character's past. A character in this novel receives an anonymous gift of a pianoforte, and another character is saved from beggar gypsies by (*) Frank Churchill. Churchill marries Jane Fairfax in this novel, and at the beginning of it the title character tells Harriet to pursue a vicar instead of the farmer Robert Martin. The title character marries George Knightly. For 10 points, name this novel whose title character is a daughter of Mr. Woodhouse and fancies herself a matchmaker, written by Jane Austen.

ANSWER: Emma

2. The 3/4 allegro moderato first movement of this piece introduces one main theme early on when the clarinets and oboes enter with a compound duple melody, and the second movement in E major matches the three beat form with its 3/8 time. Anselm Huttenbrenner secretly held the score to this piece for many years, which was not released until well after its composer's death. The (*) Entr'acte No. 1 to the same composer's incidental music to *Rosamunde* is sometimes theorized to have been intended as the finale to this piece, which has a piano score for its scherzo. For 10 points, name this symphony with only two completed movements, written by a German.

ANSWER: the Unfinished Symphony [or Schubert's Symphony No. 8 in B minor]

3. Relations between this government and Britain were strained by Adrian Hastings' article about the Wirimayu massacre. The constitution of this government established the Corporative Chamber. This government operated the Tarrafal prison camp and set up the Aginter Press agency as a front for its secret police. One opposition candidate to this government, Humberto Delgado, was killed by an agent of this government's secret police, the (*) PIDE. In response to Decree 353/73 passed by this government, the Armed Forces Movement organized against this government. Marcelo Caetano was the last president under this regime. For 10 points, name this government long headed by Antonio Salazar and overthrown by the Carnation Revolution, a military dictatorship in Portugal.

ANSWER: Estado Novo of Portugal [prompt on answers such as "the government of Portugal," I guess. Definitely accept "the regime of Antonio Salazar" or similar answers before "Caetano" is read, but don't accept or prompt on it afterwards.]

4. One experiment conducted by this scientist had a group of people look up at the sky and determine how many passerby would also look up. This man developed the concept of the "cyranoid", who doesn't think but is transmitted what to say via radio. This man noted that people who meet outside of their usual meeting place will introduce themselves to each other in his concept of the "familiar stranger." Duncan Watts repeated one experiment conducted by him, in which a clothing merchant named "Mr. (*) Jacobs" served as a node. In that experiment, he had participants in Nebraska and Kansas attempt to mail a letter to a contact in Boston. For 10 points, name this social psychologist who also conducted an experiment at Yale in which participants were ordered to deliver an electric shock to a victim.

ANSWER: Stanley Milgram

5. When this quantity is independent of the time, action-angle coordinates can be used. The derivative of this quantity with respect to the slow coordinates appears in the Langevin equation. The time derivative of an operator is equal to an expression involving the commutator of the operator with this quantity according to Ehrenfest's theorem. An eigenstate of this operator are unchanging under a slow (*) perturbation under conditions meeting the adiabatic theorem. This operator taken on a wavefunction is equal to energy times the wavefunction according to the Schrodinger equation. For 10 points, name this operator which corresponds to the total energy of a system, and which is also equal to the Legendre transformation of the Lagrangian.

ANSWER: Hamiltonian [accept total energy until mention]

6. During the Trojan war, this man, along with his twin brother, carried Sarpedon away. Hera gave this god a golden throne, a footstool, and the Grace Pasithea as a wife. He lives in a hollow mountain in Cimmeria and is attended by Aergia. This deity's attendants are responsible for controlling the two (*) gates into his realm, one of which is made of ivory and one of which is made of horn. This god spends his days reclining on a couch in his palace, which has poppies growing outside and is located in the underworld. He is alternately seen as the brother or father of the Oneroi, consisting of Icelus, Phantasos, and Morpheus. For 10 points, name this brother of the death god Thanatos, the Greek god of sleep.

ANSWER: Hypnos

7. Richard V. Allen had to resign after a journalist from this country offered him a bribe for an interview with Nancy Reagan. One prime minister of this country was criticized for saying that a human life outweighs the earth and caving into terrorist demands after the hijacking of Flight 472 by a group that had also carried out the Lod Airport Massacre. After a particularly vigorous tennis game, (*) George H.W. Bush vomited during a diplomatic banquet in this country. The group Aleph was founded after one incident in this country in which sharp umbrellas were used to pierce newspaper-wrapped containers of Sarin on the subway by members of Aum Shinrikyo. For 10 points, name this country which has a constitutional emperor, Akihito.

ANSWER: Japan

8. In the first act of this opera, choir boys who mistakenly believe Michael von Melas has won a battle sing a "Te Deum" chorus; in that same act, "Recondita armonia" is sung comparing a lover to a painting. A character reassures his lover of his fidelity with the aria "Qual'occhio al mondo." That lover later sings an aria in which "I donated jewels to the Madonna's mantle" and "I never harmed a living soul," (*) "Vissi d'Arte," after she feels abandoned. That character later stabs and kills Scarpia, reneging on an agreed plan; Mario Cavaradossi is then killed via firing squad. For 10 points, name this opera which ends with the title singer jumping off Castel Sant-Angelo following the death of her lover, a work composed by Giacomo Puccini.

ANSWER: Tosca

9. Sion and Greenstein developed a classification system for these objects based on the presence of He I, He II, and metal lines. Kanaan and Metcalfe determined that, in line with theoretical arguments, one of these objects had heavily crystallized as it cooled. If these objects can strip mass from a companion, they can undergo carbon detonation followed by a (*) type Ia supernova. Stars that have insufficient mass to form a red giant will shed their outer layers to form one of these objects. They are supported entirely by electron degeneracy pressure and therefore have to be smaller than 1.44 solar masses. For 10 points, name these dense stars that have mass less than the Chandrasekhar Limit.

ANSWER: White Dwarf

10. This character believes he is being followed by an Aztec convertible and possibly hallucinates an encounter with his cousin Gustave Trapp. This character has a conversation with Miss Pratt about appropriate casting in a school play after a lengthy trip to Briceland with a companion whom he retrieved from Camp Q. This character recounts how his first wife (*) Valeria left him for a cabdriver; later, this character has an affair with Rita. The conclusion of his search leads to a confrontation at a mansion where he shoots a man multiple times into a "purple heap." This character eventually dies of coronary thrombosis, but not before serving prison time for the murder of Claire Quilty, during which he writes a manuscript that will only be released when he and Dolores Haze are dead. For 10 points, name this character who loved the title "nymphet" in Vladimir Nabokov's *Lolita*.

ANSWER: Humbert Humbert

11. This piece makes the capture on the fourth move for White in the Classical Variation of the Caro-Kann Defence. This is the first Black piece moved in the Indian Defence and the pieces moved in the second moves for both sides in a Ruy Lopez Opening. This piece is used with a bishop in Deletang's Triangle Method to force checkmate with perfect play. This piece is customarily turned (*) inwards upon the first move to indicate serious play and new players like to utilize the Game named for bringing all four of these pieces to squares like F3, F6, C3, and C6. This piece can visit all 64 squares on the board without landing on the same square twice in its namesake "tour." For 10 points, name this chess piece placed between the Rooks and the Bishops that moves in an L-shape.

ANSWER: knight [prompt on N; feel free to accept the whimsical answers listed in the submitted packet including horsies, ponies, or any slang, scientific, or foreign-language names for a horse or a knight, but you probably need to prompt on things like "cavalry" to distinguish from whatever bizarre military-specific pieces exist in Chinese or fairy chess]

12. Bertram Colgrave and Robert Mynors edited the Oxford University Press version of one of this man's works, whose manuscripts are called the "c" and "m" texts. This man took inspiration from Isidore of Seville to write his version of the *De natura rerum*. One of this man's works was written in order to calculate the date of (*) Easter and states that the title endeavor can be done using regnal years or 15-year cycles. Besides his *On the Reckoning of Time*, he wrote a book used extensively by William of Malmesbury and Geoffrey of Monmouth as a source. For 10 points, name this eighth century monk from Jarrow, the author of the *Ecclesiastical History of the English People* who is called "Venerable."

ANSWER: Saint Bede the Venerable [or the Venerable Bede]

13. The preparatory sketches for this painting show that the artist originally gave a forty-one-year-old woman a double chin, and added in a priest that looks like Julius Caesar. This painting depicts the white-turbaned Halet Efendi, The background of this painting shows two arches with blue curtains tied back with golden thread, and the artist inserted himself into the stands behind the leftmost of those arches. Two figures in this painting hold golden staves topped with spirals, while another holds a staff topped with a hand. Two women hold the red (*) robe of another figure in this painting, who kneels on a black and gold pillow as another figure wearing a gold laurel wreath holds a jeweled object above her head. Pius VII scowls at the scene in this work, which took place in Notre Dame. For 10 points, name this Jacques-Louis David painting showing the emperor placing a crown on the head of Josephine.

ANSWER: The Coronation of Napoleon

14. Using an aminoalcohol ligand and a nickel catalyst, Fu extend this reaction to secondary substrates, and running this reaction in “ligand-free” conditions cuts down on salt formation. The use of dppf as a ligand in this reaction allows primary alkyl groups to be transferred. For base-labile substrates, powdered KF can be used to activate one reactant, and it can use the SPhos ligand to allow acid chlorides as reactants. This reaction, which is used to synthesize (*) biphenyls and poly-olefines, requires basic activation of one reactant, unlike the tin-catalyzed Stille reaction. It occurs using a phosphine-ligand-modified palladium catalyst and consists of a sequential oxidative addition, transmetallation, and reductive elimination. For 10 points, name this reaction that links a halide to a boronic acid, a coupling reaction named for its Japanese discoverer.

ANSWER: Miyaura-Suzuki coupling

15. One character in this work is encouraged to join the IWW after being sent to Blackwell Island Prison for making someone miss his bus. The opening of this play sees Long making a Marxist speech after a group of workers chants “Think! Don’t Drink!” to mock the protagonist, and Long and the protagonist both visit Fifth Avenue in Scene 5. One character in this work is the daughter of the president of (*) Nazareth Steel, and faints after encountering the protagonist. The protagonist is sent to jail after Mildred Douglas calls him filthy, and starts the play working as a stoker on a transatlantic ocean liner. For 10 points, name this 1922 play in which Yank releases a gorilla from its cage, written by Eugene O’Neill.

ANSWER: *The Hairy Ape*

16. During this event, the Bull’s Head hotel was destroyed because it refused to provide alcohol and John A. Kennedy was beaten by a crowd despite being out of his uniform. During this event, the Knights of the Golden Circle were rumored to attempt to take over an arsenal. Fernando Wood attempted to diffuse this event by giving a speech stating that the law in question was unconstitutional. It was put down by a militia under John E. Wool. It was partly instigated by the fact that (*) wealthy residents could pay a three hundred dollar commutation fee, placing most of the burden on working-class Irishmen. During this event, several Protestant churches and a black orphanage were burned to the ground. For 10 points, name this period of civil unrest triggered by laws conscripting people to fight in the American Civil War.

ANSWER: New York Draft Riots of 1863 [prompt on partial answer]

17. The founder of this faith was the author of the recently discovered Book of Heracleides. That founder controversially stated that God wasn’t “two or three months old” and “the creature hath not given birth to the uncreatable.” Members of this faith relocated to the territory of the Sassanids where it was led by such figures as Mar Aba I and Babai the Great. A missionary of this faith named Alopen was received by (*) Chinese emperor Taizong. This faith was denounced at a council called at the behest of Cyril of Alexandria. Adherents to this heresy called Mary “Christotokos” rather than “Theotokos,” and this heresy held that the divine and human aspects of Christ were in *synapheia*, or conjunction. For 10 points, name this Christian heresy condemned at the First Council of Ephesus.

ANSWER: Nestorianism

18. The Universal of National Unity resolved a 2006 political crisis in this country. The 2006 NATO Sea Wind exercise prompted protests in this country's only autonomous region. In this country's October 2012 parliamentary elections, the new Udar party was the third party, while the Party of the Regions defeated the Fatherland party to dominate the(*) Verkhovna Rada. That election in this country also involved the loss of all seats by a party of a politician who suffered facial scarring after being poisoned with dixin in 2004. One politician here was convicted of betraying the national interest in dealings with Gazprom; that politician had earlier shared power with Viktor Yushchenko after the Orange Revolution. For 10 points, name this country where Yulia Tymoshenko is jailed and where Viktor Yanukovich holds power.

ANSWER: Ukraine [or Ukrayina]

19. Lofenelac is given to patients with this disease, some sufferers of which respond to sapropterin hydrochloride. Many cases of this disease are due to a mutation of a 5' splice donor site of intron 12 in the affected gene. A variant of this disorder is caused by mutations of DHBR that inhibit tetrahydrobiopterin recycling. One test for this disease takes a drop of blood on a disk of filter paper, then places it on an agar plate containing *B. subtilis*. Its phenotype arises due to shunting into transamination pathways, whose products can cross the (*) blood-brain barrier. Infants affected with this disorder, which is diagnosed using tandem mass spectrometry, have a mousy odor to their sweat. Caused by a mutation in the PAH gene, this disorder is treated using a restricted diet. For 10 points, name this inborn error of metabolism in which people cannot produce tyrosine from phenylalanine.

ANSWER: phenylketonuria or PKU

20. At the end of this novel, the protagonist walks through Poncho Lanao's house smelling like shit. The centenarian Susana Abdala recommends an infusion of passion flowers and absinthe. In this novel, friends advise a character to douche herself with alum water and stain the nuptial sheet with Mercurochrome. Due to misinformation from (*) Divina Flor and Victoria Guzman, Placido Linero unwittingly causes the death of her son by locking him out. Father Amador forgets to tell the protagonist of an impending plot, and Colonel Aponte forgets because he was playing dominoes. For 10 points, the Vicario brothers kill Santiago Nasar in what novel by Gabriel García Márquez?

ANSWER: *Chronicle of a Death Foretold*

TIEBREAKER/ EXTRA

21. One of this author's poems states, "It lies not in our power to love or hate" and asks, "Who ever loved, that loved not at first sight?" Neptune mistakes one title character of that poem for Ganymede and almost drowns him. This author wrote another poem whose speaker pledges to make "A cap of flowers, and a kirtle / Embroidered all with leaves of myrtle." The former poem by this author begins, "On (*) Hellespont, guilty of true-love's blood" and describes loving youths from Abydos and Sestos. Another of this author's poems says, "we will all the pleasures prove" after imploring, "Come live with me and be my love." For 10 points, name this author of *Hero and Leander* and "The Passionate Shepherd to his Love" as well as the plays *The Jew of Malta* and *Doctor Faustus*.

ANSWER: Christopher Marlowe

This article proposes a “thorough pragmatism” that others could not by stating that questions of fact and the questions about the existence of classes are only differences in degrees. One section of this work discusses the attempts by Carnap to specify all sensible discourse to a sense-datum language, arguing that he failed because it was “sketchy” and that the word (*) “is” couldn’t be understood in this framework. One section of this work draws analogy in which physical objects can’t be reduced to experience like irrational numbers can’t be reduced to rational numbers. This work states that the dictionary definition of synonymy cannot be defined in terms of interchangeability while considering the statement “No bachelor is married”. For 10 points, name this article that attacks reductionism and the distinction between analytic and synthetic truths, written by Willard Van Orman Quine.

ANSWER: “Two Dogmas of Empiricism”

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1. This novel was written during World War I, when its author was arrested and held in a Normandy military internment camp. For 10 points each:

[10] Name this novel that features characters such as Count Bragard the painter, Jean Le N gre, and the Three Delectable Mountains.

ANSWER: *The **Enormous Room***

[10] *The Enormous Room* is by this oft-uncapitalized American writer who wrote that "she laughed his joy she cried his grief" his poem "anyone lived in a pretty town."

ANSWER: Edward Estlin **Cummings**

[10] This character monitors the title space in *The Enormous Room*. He is based on an identically named character from *Pilgrim's Progress* who is apparently a dragon made of darts and rules the City of Destruction; he does battle with Christian at the Valley of Humiliation.

ANSWER: **Apollyon**

2. More advanced forms of these instruments can be set to begin the sweep in response to some particular signal by appropriately fiddling with the trigger switches. For 10 points each:

[10] Name these instruments which are used to visualize waveforms generated by a circuit. It usually plots voltage versus time and for an AC circuit will often simply show a sinusoidal waveform.

ANSWER: **oscilloscope** or **oscillograph**

[10] An oscilloscope can be used to generate this wave, which switches between a particular voltage and the negative of that voltage, resulting in a series of horizontal lines connected by vertical ones.

ANSWER: **square** wave

[10] Oscilloscopes are often triggered in this manner, where the trigger is activated if a signal crosses a particular threshold value.

ANSWER: **edge** trigger

3. This nation's president Anote Tong has become an advocate for climate change awareness, since some of this nation's thirty-two atolls have already disappeared due to rising sea levels. For 10 points each:

[10] Identify this Pacific island nation, which has already purchased land on a nearby island in anticipation of eventually relocating the entire country.

ANSWER: Republic **Kiribati** [or **Kiribas**; or **Ribaberiki Kiribati**]

[10] Kiribati plans to relocate all of its citizens to this other country, comprised of the two large islands Viti Levu and Vauna Levu.

ANSWER: Republic of **Fiji**

[10] Roughly forty percent of Fiji's citizens belong to this non-native ethnicity. There was significantly backlash from nativists when a member of this ethnicity was elected Prime Minister.

ANSWER: **Indians** [or people from **India**]

4. The first chapter of this work states that there is no first principle of criticism; another section defines existence as being in flux, determined by external relations, and subject to perturbations from irrelevant events. For 10 points each:

[10] Name this treatise which states that philosophy must begin with instinct-based action, or *in media res*.

ANSWER: **Skepticism and Animal Faith**

[10] *Skepticism and Animal Faith* is the major epistemological treatise of this Harvard philosopher, who in another work stated that those who don't learn from history are doomed to repeat it.

ANSWER: George **Santayana**

[10] This other work by Santayana is a series of lectures on aesthetics. This work outlines how a pile of sand is just as infinite in the universe, but that the infinitesimal doesn't capture the imagination.

ANSWER: *The **Sense of Beauty**: Being the Outlines of Aesthetic Theory*

5. The founder of this dynasty was assassinated by Ptolemy Keraunos. For 10 points each:

[10] Name this Persian-based Hellenistic kingdom. Its namesake founder, called "Nicator," received lots of war elephants from Chandragupta Maurya in a matrimonial alliance.

ANSWER: **Seleucid** Kingdom/Empire/Dynasty

[10] Seleucus I's elephants were crucial at this battle, in which Demetrius fled and Antigonus the One-eyed was killed.

ANSWER: Battle of **Ipsus**

[10] This man put his son Agathocles to death on charges of treason. This ally of Cassander and Seleucus at Ipsus was King of Asia Minor, Macedon, and Thrace when he was slain in the 281 BCE battle of Corupedium.

ANSWER: **Lysimachus**

6. The title character becomes the slave of Setoc, but is freed when Setoc marries Almona. For 10 points each:

[10] Name this play about a Babylonian philosopher, who ascends to the throne and marries Astarte after passing a series of challenges.

ANSWER: **Zadig**

[10] Zadig was written by this author, who also wrote about a giant who visits earth from the Sirius system in *Micromegas*.

ANSWER: **Voltaire** [or Francois-Marie **Arouet**]

[10] Voltaire may be best known for this novel, whose characters include the ever-optimistic Dr. Pangloss.

ANSWER: **Candide**

7. Identify these things about the history of the Heliocentric model of the solar system, for 10 points each:

[10] This man was censured and placed under house arrest by the inquisition for espousing the Heliocentric theory in his *Dialogue Concerning Two Chief World Systems*. He also discovered the four largest moons of Jupiter.

ANSWER: Galileo Galilei [accept either underlined portion]

[10] This seminal work by Nicholas Copernicus outlined his theory of the heliocentric universe. It was placed on the index of forbidden books initially and failed to sell very well.

ANSWER: De revolutionibus orbium coelestium [or On the Revolutions of the Heavenly Spheres]

[10] This Persian astronomer, who Copernicus acknowledged, calculated the solar year as about 365 days and 5 hours. He also established several trig identities and tables used for centuries.

ANSWER: Abū 'Abd Allāh Muḥammad ibn Jābir ibn Sinān al-Raqqī al-Ḥarrānī al-Šābī' al-Battānī [or Albategnius or Albategni or Albatenius]

8. Answer the following about paintings held in the Uffizi gallery, for 10 points each.

[10] Among the most recognizable works currently held at the Uffizi is this work depicting a goddess of love standing on a clamshell.

ANSWER: The Birth of Venus

[10] This work by Raphael in the Uffizi shows the virgin Mary holding a book while kneeling as a young Jesus and John the Baptist play with a bird.

ANSWER: Madonna of the Goldfinch

[10] A self-portrait of this Italian baroque painter also hangs in the Uffizi. He also painted Apollo and his chariot in a massive fresco for the Casino dell'Aurora and a fresco called *St. Dominic's Glory* for the Basilica of San Domenico.

ANSWER: Guido Reni

9. This man founded the Down-With-Imperialism Union, which eventually evolved into the WPK, and during his rule his government captured the *USS Pueblo*. For 10 points each:

[10] Name this first dictator of North Korea

ANSWER: Kim Il Sung [prompt on Kim]

[10] Kim Il Sung developed this political philosophy, whose name translates as "self-reliance." Its fundamental principles are self-defense, an autarkic economy, and political independence.

ANSWER: Juche

[10] In 1983, North Korean agents attempted to assassinate South Korean President Chun Doo-Hwan in this non-Korean city. This city was raised to major status by King Alaungpaya of the Konbaung Dynasty in the 1750s.

ANSWER: Rangoon [or Yangon]

10. The lyrics of this song state that "I'm in love with" the title of this song "even though it hurts" because "I don't care if I lose my mind." For 10 points each:

[10] Name this 2009 song by the Norwegian Alexander Rybak, which won an event that was held the next year in Oslo.

ANSWER: "**Fairytale**" [do not accept "Fairytale"]

[10] That contest, where Rybak put up the highest score in its history, was this one, where multiple countries' broadcasting consortiums select one song to enter. Ireland is the most successful country in this competition.

ANSWER: **Eurovision** Song Contest [or *Concours **Eurovision** de la Chanson*]

[10] This band, which released the song "Fernando," won Eurovision in 1974. Another song of theirs urges you to "feel the beat from the tamborine."

ANSWER: **ABBA** [or **Bjorn, Benny, Agnetha, and Frida**]

11. This man based his *A Patriot For Me* on the story of Alfred Reidl, and he also wrote about the Protestant Reformation in his *Luther*. For 10 points each:

[10] Name this playwright, who also created an English-language version of Lope de Vega's *A Bond Honored* and adapted Wilde's *The Picture of Dorian Grey* for the stage.

ANSWER: John **Osborne**

[10] This 1956 play by John Osborne is about the terrible marriage of Jimmy Porter and his wife Allison.

ANSWER: **Look Back In Anger**

[10] Laurence Olivier suggested the plot of this Osborne play, which ends with Archie Rice walking off of the stage with music continuing to play in the background.

ANSWER: *The **Entertainer***

12. Gerstmann's syndrome occurs when the dominant side of this lobe is damaged, and damage to it can also cause hemineglect syndrome, where people ignore one half of their visual field. For 10 points each:

[10] Name this lobe of the brain which contains the somatosensory cortex. It is located on the top of the brain.

ANSWER: **parietal** lobe

[10] Damage to the parietal lobe can also cause the ideomotor form of this disorder, a deficit in which people are unable to plan actions. It shouldn't be confused with ataxia, which is lack of coordination.

ANSWER: **apraxia**

[10] The parietal lobe is bordered by the central one of these structures, which are the ridges between gyri. That central one separates the primary motor cortex and primary somatosensory cortex.

ANSWER: **sulcus** or **sulci** [do NOT accept "fissure"]

13. Answer the following about constructivism in art, for 10 points each.

[10] This constructivist architect designed a huge spiral of steel and glass that was never built, the *Monument to the Third International*. His other works include a series of iron and wood counter-reliefs.

ANSWER: Vladimir Yevgraphovich **Tatlin**

[10] Vladimir Tatlin, and many other constructivist artists, hail from this country. Other artists from this country include the leader of Suprematism and painter of *White on White*, Kazimir Malevich.

ANSWER: **Russia** [or the **USSR** or such]

[10] This man set out the tenets of constructivism in his *Realistic Manifesto*. His own works include a kinetic fountain for the St. Thomas Hospital in the UK, and his *Spiral Theme* and *Head No. 2* can be found in the Tate.

ANSWER: Naum **Gabo**

14. This case ruled that reimbursing Catholic school teachers for secular textbooks from the funds of public schools was unconstitutional. For 10 points each:

[10] Name this Supreme Court case, which created a three-pronged test for determining whether a government act meets the standards of the establishment clause.

ANSWER: **Lemon v. Kurtzman** [or **Kurtzman v. Lemon**]

[10] Another important Establishment clause case was *Engel v. Vitale*, which ruled that this practice was unconstitutional. *Wallace v Jaffree*, which extended *Engel*, also ruled that some instances of a mandated “moment of silence” were also unconstitutional.

ANSWER: teacher-led school **prayer**

[10] This man brought suit on behalf of his daughter against the Elk Grove Unified School District because he believed that the phrase “Under God” in the pledge of allegiance was unconstitutional. The Supreme Court ruled that he lacked standing.

ANSWER: Michael **Newdow**

15. This god was set in charge of distributing decrees called “Me”, founded the city of Eridu, and lived in a deep ocean called Abzu. For 10 points each:

[10] Name this consort of Ninhursag and lord of fresh water in Sumerian mythology.

ANSWER: **Enki** [or **Ea**]

[10] This god is sometimes considered to be the son of Ea and Damkina. This hero, whose tale is told in the *Enuma Elish*, slew the massive dragon Tiamat and created the sky from half her remains.

ANSWER: **Marduk**

[10] During the civil war of the gods, Marduk also slew this war minister and husband of Tiamat and stole the Tablets of Destiny from him.

ANSWER: **Kingu**

16. They are named for the fact that they often contain green rocks like serpentine, and they often contain sheeted dyke complexes. For 10 points each: earth science

[10] Name these structures which are pieces of oceanic crust that have been deposited onto continental plates via subduction.

ANSWER: **ophiolites**

[10] Magnetic stripes in ophiolite complexes are evidence of this process, which is the mechanism by which continental drift occurs. In this process, new crust is created at mid-ocean ridges and pushes the plates away.

ANSWER: **seafloor spreading**

[10] This hypothesis stated that rocks surrounding mid-ocean ridges should have alternating magnetic bands due to periodic reversals in the magnetic field.

ANSWER: Morley-**Vine-Matthews** hypothesis [any order is fine]

17. International relations is often divided into different schools of thought. For 10 points each:

[10] This school of thought, founded by Hans Morgenthau, posits that states are self-interested and exist in an anarchic international system. Its "neo-" form is championed today by John Mearsheimer.

ANSWER: **Realism**

[10] This school of thought places value in international institutions and globalization to achieve peace and mutual gains. The Democratic Peace Thesis is sometimes considered a tenet of this school, which some might say is led by Robert Keohane.

ANSWER: **Liberalism** [I guess take **neoliberalism** even though that usually is just code for "capitalists" or "Jews" and doesn't have much to do with IR at all, because at one time it was in fact used interchangeably with the IR theory of liberalism]

[10] Liberalist scholars often look favorably to the goals outlined in this 1795 Immanuel Kant essay. It includes articles about the destruction of standing armies and the need of republican constitutions to achieve the title condition.

ANSWER: "**Perpetual Peace**: A Philosophical Sketch"

18. This ruler came to power in a coup that overthrew the successors of Anna. For 10 points each:

[10] Name this Russian ruler who put Ivan VI into prison. This ruler had earlier been banished from the court of Peter II due to the influence of the Dolgorukovs.

ANSWER: **Elizabeth** I of Russia

[10] The Dolgorukovs also arranged the exile of this Russian general, who was instrumental in supporting Catherine I. His great-grandson led Russian armies during the Crimean War's Sevastopol campaign.

ANSWER: Prince Alexander **Menshikov**

[10] Menshikov was a friend of this Russian ruler who created the Table of Ranks and the Twelve Colleges. He was the first tsar to call himself emperor and led Russia to victory in the Great Northern War.

ANSWER: **Peter the Great** [or **Peter I** of Russia; prompt on **Peter** of Russia]

19. The three suites in this piece are based on many tunes for lute as well as a few pieces for guitar, archlute, and viol. For 10 points each:

[10] Name this set of three suites, each with four songs, which contains individual pieces such as “Balletto, ‘Il Conte Orlando’” and “Passo mezzo e mascherada.”

ANSWER: **Ancient Airs and Dances** [or **Antiche arie e danze**]

[10] Three suites of the *Ancient Airs and Dances* were composed by this Italian composer. This composer also included a recorded nightingale in his *Pines of Rome*.

ANSWER: Ottorino **Respighi**

[10] This other piece from Respighi’s “Roman Trilogy” depicts gladiatorial combat in its “Circuses” movement and also contains the movements “Jubilee” and “Harvest of October.”

ANSWER: **Roman Festivals** [or **Feste Romane**]

20. In this play, the main character sends a letter and photo of himself to his wife from Styles’s studio. For 10 points each:

[10] Name this play, co-written with actors John Kani and Winston Ntshona, in which the title character assumes the identity of the dead Robert Zwelinzima in order to obtain a job and stay in town.

ANSWER: **Sizwe Bansi is Dead**

[10] The other co-writer of *Sizwe Bansi is Dead* is this South African playwright who featured the ballroom dancing Sam and Willie in *Master Harold ... and the boys*.

ANSWER: Athol **Fugard**

[10] This Fugard play has only two portrayed characters, the brothers Morris and Zachariah. When Zachariah’s white pen-pal says she coming over, Morris starts acting as if he’s white, which leads to other issues.

ANSWER: *The* **Blood Knot**

21. *Three Tales*, a video-opera by Steve Reich and Beryl Korot, is a musical and visual exploration of three milestones of technological progress in the 20th Century. For 10 points each:

[10] This first section of the work highlights the before and after of the event on May 6, 1937 at Lakehurst Naval Air Station where Captain Ernst Lehmann walked out of the wreckage saying, “I don’t understand it.”

ANSWER: **Hindenburg** Disaster

[10] The second tale is named after this location where in 1946 the US government conducted nuclear tests both in the air and underwater. Some ships and livestock were located in proximity to the blasts to observe the effects of the explosions.

ANSWER: **Bikini Atoll**

[10] This final tale features many prominent scientists, such as Ray Kurzweil and Richard Dawkins, and religious figures contemplating the ethics of cloning and artificial intelligence after the birth of this sheep.

ANSWER: **Dolly**