

Cardinal Classic XI
Packet by UC Berkeley B (Selene, Priya, Juliana, and Seth)
Round 8

Tossups

1. Under the pseudonym Nancy Boyd, she wrote serious plays such as *Two Slatterns and a King*, and *The Lamp and the Bell*. (*) She fared more successfully with poems such as *The Ballad of the Harp Weaver*, which won a Pulitzer Prize in 1923. FTP, whose well-known collections include *Renascence* and *Other Poems* and *A Few Figs from Thistles*?

Answer: Edna St. Vincent _Millay_

2. This faith was founded in 1863 by Mirza Husayn 'Ali Nuri, who took a name meaning Glory of God, while in exile in (*) Baghdad. It emphasizes the unity of all religions that share the same spiritual truths, promoting universal education and equality between the sexes. FTP, identify this religion with 4.5 million followers, founded under Mirza's assumed name of Baha'Ullah.

Answer: _Bah_'i_

3. This 1972 graduate of Penn State scored 100 touchdowns in his career, which ended with the (*) Seattle Seahawks. He was the first NFL player to rush for 4000 yards in his first four seasons, but is best remembered for a play made during his rookie year. FTP, name this Pittsburgh Steeler whose shoestring catch of a ball deflected by Jack Tatum and Frenchy Fuqua is known as the Immaculate Reception.

Answer: Franco _Harris_

4. It can be defined as the curl of vector potential. In free space, it is proportional to the partial derivative with respect to time of the electric field. (*) One of Maxwell's equations states that it has zero divergence, and it gives the velocity-dependent part of the force acting on a moving charged particle. FTP, identify this quantity measured in gauss or tesla.

Answer: _magnetic field_

5. After his marriage to Philippa of Hainault in 1329, this monarch settled in Woodstock while his mother (*) Isabella and Roger Mortimer ruled as regents. His accomplishments included a military victory at Halidon Hill and the signing of the Treaty of Bretigny. FTP, identify this English king, victor at Crecy and founder of the Order of the Garter.

Answer: _Edward III_

6. Translator of *The Tale of Genji* and Oscar Wilde's *Picture of Dorian Gray*, his short stories include "The Tattooer" and "The Secret History of the Lord of Musashi." Other works, such as "Diary of a Mad Old Man" and (*) *Some Prefer Nettles*, reveal his characteristic eroticism and ironic wit. FTP, identify this Japanese novelist, author of *The Makioka Sisters*.

Answer: Junichiro _Tanizaki_

7. This song is featured during the big kiss scene in *The Replacements*.

Its singer laments, "Since you've gone I've been lost without a trace. I dream at night I can only see your face." (*) A stalker motif comes from lines such as "Oh, can't you see? You belong to me," and "I'll be watching you." FTP, identify this 80's hit by the Police.

Answer: _Every Breath You Take_

8. Derived from the Dutch word for "mumbler", this 14th century pejorative denoted the group including Nicholas of Hereford, John Purvey, and Sir John Oldcastle. (*) The movement they belonged to stressed the primacy of the Scripture and criticized Catholicism, and its leader denounced the pope as the Antichrist. FTP, name these followers of John Wycliffe.

Answer: _Lollards_

9. This Greek philosopher held that the multiplicity of existing objects represents a single external reality or "being", claiming that nothing changes. His central thesis implies the impossibility of motion, (*) which a

disciple of his attempted to prove through a series of famous paradoxes. FTP, identify this successor of Heraclitus, founder of the Eleatic school.

Answer: _Parmenides_

10. This condition is relieved by the release of calpain and cathepsins D and L. It occurs because a lack of ATP causes myosin to remain locked onto (*) actin, forming abnormally long-lived cross-bridges. Responsible for the adverse effects of freezing on the toughness of meat, FTP, identify this condition caused by the simultaneous contraction of all muscles, occurring a few hours after death.

Answer: _rigor mortis_

11. Born in 1945, this 1996 visiting professor at Dartmouth University lowered the high unemployment rate among Cherokees in Oklahoma and founded the Institute for Cherokee Literacy. Principal Chief of the Cherokee Nation from 1985 to 1995, (*) she increased educational opportunities, health care and utilities management for her people. FTP, name this ominously named woman who officiated Gloria Steinem's recent wedding.

Answer: Wilma Pearl _Mankiller_

12. Theft, Red Mass, Columbine, A Pallid Laundrymaid, and Gallows Song are five of the twenty-one pieces in this composition, the composer's Opus 21. Based on a cycle of fifty poems by Albert Giraud, its (*) 1912 premiere first used the composer's technique of Sprechstimme. FTP, identify this ensemble titled for a clown of French puppet shows, composed by Arnold Schoenberg.

Answer: _Pierrot Lunaire_ (or _Moonstruck Pierrot_ or some reasonable translation)

13. He developed a structural interpretation of myth, claiming that its function is to mediate between opposing extremes, a theme he explored in such works as *The Raw and the Cooked*. His other works include (*) *The Elementary Structures of Kinship* and *The Savage Mind*. Influencing such writers as Barthes (BART) and Derrida, FTP who is this French structural anthropologist?

Answer: Claude _Levi-Strauss_

14. This compound reacts with malonic acid to form a precursor to barbiturates, and by dehydration to form melamine. The hydrolysis of arginine produces ornithine and this molecule, but it was first (*) synthesized by the reaction of silver cyanate with ammonia by Friedrich Wohler. FTP, identify this first organic compound to be synthesized from inorganic compounds, a major component of mammalian fluid excretion.

Answer: _urea_

15. Originally titled *Metamorphoses*, it tells the story of the nobleman Lucius and his misadventures with a magic potion. This satirical romance is the primary source for the story of (*) Cupid and Psyche, overheard by Lucius after the potion turns him into a donkey. The only Latin novel surviving in its entirety, FTP identify this work of Apuleius.

Answer: The _Golden Ass_

16. The offensive began on February 21, as General Erich von Falkenhayn's forces advanced continually for four days until taking Fort Douaumont. However, arriving French troops fought bravely under General Henri (*) Petain, and by July the Germans were on the defensive. FTP, name this WWI battle of attrition fought near the Meuse River, named for the fortress in contest.

Answer: _Verdun_

17. Also known as Anat, Ashtoreth, or Astarte, she may have had one child named Sara. She attempted to enter the underworld, either to usurp her sister (*) Ereshkigal or to rescue her lover Tammuz. She also loved the gardener Ishullanu as well as a lion, stallion, and shepherd. FTP, identify this impetuous goddess of fertility who made Gilgamesh's life miserable.

Answer: _Ishtar_ or _Inanna_ (prompt on early buzz)

18. It has Euler characteristic zero, is of genus 1, and can only be properly embedded in 4 dimensions. It is a closed, boundary-free, non-orientable (*) manifold of dimension 2. You can construct one by gluing two Mobius strips together. FTP, what is this one-sided surface?

Answer: Klein bottle

19. Last name's the same. Aline Frankau, the first female designer for the American stage. Henry, a French playwright who campaigned against anti-Semitism and Nazism in his plays *Apres moi* and *Elvire*. The original name of Morris Louis, a painter associated with the New York School of Abstract Expressionism. FTP, what name is shared with American conductor Leonard?

Answer: Bernstein

20. Its categories can include Portrayals, Nightly News, Nicknames, Good Times, (*) Geography, Your Mother Should Know, Ship to Shore and World of Fantasy. FTP, name this classic board game, whose editions include RPM, All-Star Sports, Baby Boomer, Silver Screen, Young Players, Walt Disney Family, and Genus.

Answer: Trivial Pursuit

21. In 65 AD, he was implicated in Piso's conspiracy and was ordered to commit suicide, a fate his nephew Lucan shared. He wrote the only Roman textbook on physics (*) and several tragedies, including *Phaedra*, *Thyestes*, and *Medea*. FTP, identify this Stoic philosopher and playwright, chosen by Agrippina to be adviser to Nero.

Answer: Lucius Annaeus Seneca

22. Watching King Kong inspired him to study stop-motion animation, and to think big. He produced special effects for films including *The Beast from 20,000 Fathoms*, *The Seventh Voyage of Sinbad*, (*) *Jason and the Argonauts*, and *Clash of the Titans*. FTP, name the man single-handedly responsible for handcrafting the Cyclopes, dinosaurs, and other fantastic creatures which appeared in these films.

Answer: Ray Harryhausen

23. Some of the forms he has taken include a boar, a dwarf, and a half man, half fish named Narasimha. He will have one more incarnation as (*) Kalki, a white horse with wings, to destroy all enemies of the natural order. Other incarnations have included Rama and the Buddha, but FTP, what Hindu deity representing preservation is most famously incarnated as Krishna?

Answer: Vishnu

24. Written in 1964, this work features a father-son conflict and a protagonist who finds himself at odds with his village, changing customs, and (*) British administrators. FTP, name this novel about Ezeulu, chief priest of the Ibo god Ulu, written by Chinua Achebe after *No Longer At Ease*.

Answer: Arrow of God

25. A large heat of vaporization and high critical temperature are useful characteristics of the fluid used in this cycle. It consists of heating at constant pressure that vaporizes the liquid, adiabatic expansion (*), cooling at constant pressure, and adiabatic compression. Described in 1859 by a Scottish engineer, FTP, identify this ideal case for the vapor power cycle, used because of the impracticalities of the Carnot cycle.

Answer: Rankine cycle

26. His best friends are Ron Weasley and Hermione Granger, and he lives with his Uncle Vernon, Aunt Petunia, and cousin Dudley. The murder of his parents and the scar on his (*) forehead both result from an attack by Lord Voldemort. The best Quidditch player in a century, this is FTP what student of Hogwarts School for Wizardry, created by J. K. Rowling?

Answer: Harry Potter

Bonuses

1. 30-20-10, identify the astronomical object.

30) Located near Zeta Tauri, 6500 light years away, it first appeared on July 4th, 1054 AD.

20) It was visible in the daytime sky for 13 days, and at night for months. Anasazi Indians and the Chinese recorded its appearance.

10) This supernova remnant rotates 30 times per second, and is named for its long gas filaments resembling the legs of a crustacean.

Answer: _Crab pulsar_ (accept _Crab nebula_)

2. Identify the type of classical dance from a description of its distinctive features, FTSNOP.

(10) This Polish dance generally has three beats per measure, with the second beat heavily accented.

Chopin wrote about 40 of these short pieces.

Answer: _mazurka_

(5) A dance in triple meter, of which Johann Strauss Junior was the King.

Answer: _waltz_

(15) Also a dance in triple meter, it has a French origin and was generally placed after the allemande in the typical Baroque dance suite.

Answer: _courante_ (accept _corrente_)

3. In commemoration of his recent passing, name these movies adapted from literary works that Jason Robards appeared in, 10 points from his character, 5 from the author or authors:

10 - Cesar Charron

5 - Edgar Allen Poe

Answer: The _Murders in the Rue Morgue_

10 - Dr. Dick Diver

5 - F. Scott Fitzgerald

Answer: _Tender is the Night_

10 - Ben Bradlee

5 - Bob Woodward and Carl Bernstein

Answer: _All the President's Men_

4. Answer these questions about developmental psychology FTPE.

10) This Swiss psychologist studied cognitive development in children and developed a four-stage theory of cognitive development.

Answer: Jean _Piaget_

10) FTP, name any one of the four stages in Piaget's theory.

Answer: _sensorimotor_ or _preoperational_ or _concrete operational_ or _formal operational_

10) This American psychoanalyst and disciple of Freud developed an eight-stage theory of personality development, with each stage marked by a psychosocial crisis.

Answer: Erik _Erikson_

5. Identify these related historical names, FTPE.

(10) This Roman politician was accused of conspiring against the Roman Republic during the consulship of Cicero.

Answer: _Catiline_ or (Lucius Sergius _Catilina_)

(10) This Roman poet was known for poems about a homosexual affair with Juventius and a love affair with a woman he called Lesbia.

Answer: Gaius Valerius _Catullus_

(10) This Neolithic settlement in Southern Turkey was excavated by James Mellaart. It is one of the earliest known agrarian societies.

Answer: _Katal Huyuk_ (ka TAAL hu YUK)

6. Name the poet from lines FTPE.

10) "Of all sad words of tongue or pen, the saddest are these: 'It might have been!'"

Answer: John Greenleaf _Whittier_

10) "I have myself an inner weight of woe that God himself can scarcely bear."

Answer: Theodore _Roethke_

10) "She was a phantom of delight/when first she gleamed upon my sight."

Answer: William _Wordsworth_

7. Answer the following questions about Acetylcholine, or ACh, FTSNOP:

5) For five points, who first elucidated the function of ACh?

Answer: Otto _Loewi_

20) ACh receptors come in two types. A fast-acting receptor opens ion channels at neuromuscular junctions, while a slower type is found more prevalently in the central nervous system. FTPE, name both receptor types.

Answer: _nicotinic_ and _muscarinic_

5) For five, a severe lack of ACh has been noticed in sufferers of what neurodegenerative disease?

Answer: _Alzheimer's_ Disease

8. Identify the Greek god from clues, 30-20-10.

30) He flayed the satyr Marsyas alive and later earned an epithet derived from the Greek verb meaning "to rot."

20) In general his numerous affairs were tragic, with the exception of Cyrene. He gave the Sibyl eternal life but withheld eternal youth when she rejected him.

10) He gave Cassandra the gift of prophecy but then enchanted her so no one would heed her warnings. He also chased the nymph Daphne, who escaped by turning into a laurel tree.

Answer: _Apollo_

9. Give the full name of the following title characters for ten points each, five if you can only give either the first or last name.

(10) The Last Tycoon

Answer: _Monroe Stahr_

(10) The Natural

Answer: _Roy Hobbs_

(10) The Portrait of a Lady

Answer: _Isabel Archer_

10. Identify the Chinese dynasty in power at the time of the following events in Europe, for ten points each.

(10) The last Christian stronghold of Acre falls to the Muslims, ending the Crusades.

Answer: _Yuan_ (1279-1368 AD; Acre falls 1291)

(10) Thousands of French Huguenots are killed in the St. Bartholomew's Day Massacre.

Answer: _Ming_ (1368-1644 AD; Massacre 1572)

(10) Mount Vesuvius erupts, burying the Roman towns of Pompeii and Herculaneum.

Answer: _Han_ (202 BC - 220 AD; Vesuvius 79 AD)

11. Answer the following questions about the group of Russian composers known as "The Five", 5-10-15:

(5) For 5 points, all or nothing, name all 5.

Answer: _Balakirev, Borodin, Cui, Mussorgsky, Rimsky-Korsakov_

(10) For ten, name the composer of Russlan and Ludmilla, whose works and philosophy influenced The Five.

Answer: _Mikhail _Glinka_

(15) For ten, name the composer of Concerto for Saxophone, Flute, and Strings whose works and philosophy were influenced by The Five.

Answer: Aleksander _Glazunov_

12. Given a soccer league, identify the team that most recently won the league championship FTP each, or five if you need the team's home city.

10 - Major League Soccer (U.S.)

5 - Kansas City

Answer: Kansas City _Wizards_ (accept "Kansas City" on 10 point clue)

10 - Germany's Bundesliga

5 - Munich

Answer: Bayern Munich (prompt on "Munich" on 10-point clue)

10 - The Dutch First Division

5 - Eindhoven

Answer: PSV Eindhoven (accept "Eindhoven" on 10-point clue)

13. Given one or more principal ores, identify the metal they provide FTSNOP.

5) Bauxite

Answer: Aluminum

10) Chalcopyrite, bornite

Answer: Copper

5) Hematite, limonite

Answer: Iron

10) sphalerite, marmatite, smithsonite

Answer: Zinc

14. Identify the Catholic saints from brief descriptions FTPE.

(10) This patron saint of librarians is known for his Vulgate translation of the Bible.

Answer: Saint Jerome

(10) This patron saint of archers and athletes is frequently depicted being shot full of arrows in artistic renditions.

Answer: Saint Sebastian

(10) He is the patron saint of venereal diseases and Parisian cabdrivers, since the first establishment to let coaches out on hire was located near a hotel named after him.

Answer: Saint Fiacre

15. Give the common last name of the following people, 30-20-10.

30 - John Adams, US Senator, Secretary of the Treasury, major general in the Civil War, minister to France, and governor of New York.

20 - Otto, German realist painter of WWI casualties and Berlin prostitutes whose works were considered degenerate by the Nazis.

10 - Dorothea, American social reformer who was able to investigate insane asylums by getting herself committed to them.

Answer: Dix

Identify the following Pushkin poems from plot descriptions FTP.

(10) The family of the central character dies when his house is washed away during a flood of the Neva river. He is then haunted by the titular statue of Peter the Great.

Answer: BRONZE HORSEMAN ("Mednyj vsadnik")

(10) The poem begins with a description of the plotting of Mazepa and Kochubei in the Ukraine and goes on to paint the 1709 battle of the Great Northern War that yields the poem its title.

Answer: POLTAVA

(10) The highpoints include the duel between the title character and the poet Lenskiy, during which the latter is killed, and the rejection of the title character by Tat'yana in the final scenes.

Answer: EVGENIY (Eugene) ONEGIN

17. In 1532, the Spanish conquered the Inca. Answer these questions about both groups, FTSNOP.

5 – For 5, who led the Spanish in their successful conquest?

Answer: Francisco Pizarro

10 – For 10, this Incan emperor was lured into the Spaniards' camp, then captured and killed. His death left a power vacuum which the Spanish quickly filled.

Answer: Atahualpa

15 – For 15, this brother of Atahualpa was originally heir to the empire, but was imprisoned and executed by Atahualpa's followers.

Answer: _Huascar_

18. Identify the early nineteenth century philosophers from works FTSNOP.

(10) Critique of All Revelation, The Characteristics of the Present Age, Science of Knowledge

Answer: Johann Gottlieb _Fichte_

(15) Philosophical Investigations concerning the Nature of Human Freedom, On the History of Modern Philosophy, System of Transcendental Philosophy

Answer: Friedrich Wilhelm Joseph von _Schelling_

(5) The Difference between Fichte's and Schelling's System of Philosophy, The Philosophy of History, Phenomenology of Mind

Answer: Georg Wilhelm Friedrich _Hegel_

19. The Russian Empire adopted a doctrine in 1833 that drove the country backwards about 30 years. FTPE, answer these questions about it.

(10) Give the two-word name for this doctrine.

Answer: _Official Nationality_

(10) Which Tsar adopted it?

Answer: _Nicholas I_

(10) Uvarov, the reactionary father of Official Nationality, was head of what ministry?

Answer: _Education_ (accept equivalents)

20. Calculate the moment of inertia for the following objects F15PE.

You will have 15 seconds for each part.

(15) A uniform thin stick of mass M , length L , axis at one end and perpendicular to the stick.

Answer: _one-third M times L squared_

(15) The moment of inertia for a uniform sphere of mass M , radius R , with axis through the center, is two-fifths M times R squared. What is the moment of inertia for the same sphere with an axis of rotation tangent the sphere's surface?

Answer: _seven-fifths M times R squared_

21. Author from works, 30-20-10-5.

30 - The May-Pole at Merrymount

20 - Roger Malvin's Burial

10 - Young Goodman Brown

5 - The Scarlet Letter

Answer: Nathaniel _Hawthorne_

22. Many words have entered the lexicon through an unlikely source -comics. Given the creator, year of creation and the definition, identify the character whose name has become a common descriptor, FTSNOP.

(5) Walt Disney, 1929, describing something that is easy, insignificant, worthless, or petty.

Answer: _Mickey Mouse_

(15) Elzie Segar, 1929, a trade name for a hamburger.

Answer: J. Wellington _Wimpy_

(10) - Harold Webster, 1924, describing a person with a timid, unassertive nature.

Answer: Casper _Milquetoast_ (pron. milk-toast)

23. Name the following sex advice columnists and their authors FTPE:

(10) This Seattle-based, nationally syndicated sex columnist authored The Kid: What Happened After My Boyfriend and I Decided to Get Pregnant: An Adoption Story.

Answer: Dan _Savage_

(10) Her column is carried by Curve magazine, PlanetOut and the Microsoft Network. In addition to conducting workshops such as "Chicks with Dicks", she is the author of The Ultimate Guide to Strap-On Sex.

Answer: Karlyn _Lotney_ or _Fairy Butch_

(10) To my knowledge, this column written by Mistress Marisha and carried in the San Francisco Bay Guardian's website is the only source of BDSM advice in a non-BDSM-specific publication.

Answer: The Truth Hurts

24. Identify the following Latin-American authors from clues FTPE.

10) Awarded the Legion of Honor in 1983, this Argentinean's works include A Universal History of Infamy, The Aleph and Other Stories, and The Book of Sand.

Answer: Jorge Luis Borges

10) This Guatemalan author translated the Popol Vuh into Spanish, and won the Nobel Prize in Literature in 1967. His novels include The Green Pope and El Senor Presidente.

Answer: Miguel Angel Asturias

10) This Mexican wrote the long poem Sun Stone, addressed to the planet Venus, and poem collections such as Salamandra and Ladera Esta.

Answer: Octavio Paz

25. Identify the following significant points related to triangles FTPE.

10) The intersection of the medians.

Answer: centroid

10) The intersection of the altitudes.

Answer: orthocenter

10) The intersection of the perpendicular bisectors, connected to the centroid and orthocenter by the Euler line.

Answer: circumcenter

26. Answer the following about the Philosophy of Mind, 5-10-15:

5) For 5, name the French philosopher often called the "father of dualism," who coined the terms res cogitans and res extensa.

Answer: Rene Descartes

10) Name the Berkeley professor who claims that dualism is the result of Descartes' faulty terminology, also known for his Chinese Room argument against the Turing test and strong artificial intelligence.

Answer: John R. Searle

15) Give the term used by Searle and other philosophers to describe the "aboutness" of thoughts and/or human consciousness.

Answer: Intentionality

REPLACED

Name the author from works, 30-20-10:

30) Les Limbo

20) Le Spleen de Paris

10) Les Fleurs du Mal

Answer: Charles Baudelaire