

PARFAIT III Round 8

Princeton University
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1 Princeton University Tossups, Round 8

1. He wrote of a woman who “withers, like a palm cut by an Indian for its juicy balm” when a basil plant that was growing in a pot with the decapitated head of her lover is taken from her in his *Isabella*, which was taken from the Decameron. In the same year he wrote about Moneta revealing the function of the poet in *Hyperion*. Also in 1819 he wrote that “all ye know on earth, and all ye need to know” is that “Beauty is truth, truth beauty” in his poem *Ode on a Grecian Urn*. For ten points, name this poet of *Ode to a Nightingale* and *Ode to Autumn*.

Answer: John Keats

2. Untamo makes life hard for his nephew, sending him off to be a slave, and Kullervo turns out to be a typical troubled youth, seducing his sister, destroying his uncle’s homeland, and committing suicide. Louhi, also called the Hag of the North, saves the life of the main character and then tricks Ilmarinen into making her a good luck talisman. Later, though, that main character tries to steal back the sampo from the Hag, with the help of Ilmarinen and Lemminkäinen, but they end up dropping it in the sea. These events and other exploits of the singer-shaman Väinämöinen all take place in, for ten points, what Finnish national epic?

Answer: Kalevala

3. His cantata was arranged by Michael Levine based off the 1967 creation of Bob Harris and Oscar-winner Paul Webster. Portrayed by Tress MacNeille, his first musical appearance is in a fantasy sequence set to “Happy Together” by the Turtles, which convinces his rescuer to save him from being killed by a man who had just declared “if you can find a greasier burger, you’re in Mexico.” A “burro amoroso” almost leads to a kiss between him and his owner, who had earlier introduced the Hans Zimmer-composed leitmotif when walking him on the ceiling. For ten points, name this porcine character who can’t cling from a web because he’s a pig from *The Simpsons Movie*.

Answer: Spider Pig or Harry Plopper

4. An article in the New York times suggested that this experiment was going to be scooped by William MacNevin at Ohio State, causing it to be withdrawn from *Science* and re-submitted to the *Journal of the American Chemical Society*. A five liter flask fed into a condenser that fed into a 500 cc flask that held heated water into which methane, ammonia, and hydrogen were introduced. Either a silent discharge or tungsten electrodes produced sparks in the larger flask; in both cases, paper chromatography revealed the yellow-brown film created was glycine and other amino acids. For ten points, name this experiment performed by University of Chicago scientists that hoped to unveil how complex organic molecules could arise from the primordial soup.

Answer: Miller-Urey Experiment

5. The fortress Tzympe located here was taken in 1352, and Cantacuzenus lost the whole of it after an earthquake allowed Orchan’s son Suleiman to take it, making it the first Ottoman possession in Europe. It’s also home to a ridge between Koja Chemen and Chunuk Bahr called Sari Bahr that was taken and lost after the landings at Suvla Bay

and Cape Helles, when troops under General Ian Hamilton stationed on the island of Lemnos landed on the town's namesake peninsula. For ten points, what Turkish town's position on the Dardanelles made it of crucial strategic importance during a terrible 1915 World War I campaign in which troops from Britain, Australia, and New Zealand took heavy casualties?

Answer: Gallipoli or Gelibolu or Callipolis

6. The company for which he served as CSO sued Affymatrix for stealing the idea to use oligonucleotide arrays, which later became known as DNA chips, a technique he pioneered. He shared the Lasker prize with Alec Jeffreys, who used his technique to show that genes have a split structure by soaking liquid out of jelly using blotting paper. Similar techniques were developed by Alwine and Stark for RNA and proteins, which became known as the Northern and Western blots, respectively. For ten points, name this Oxford researcher whose name is attached to DNA blots used in paternity tests.

Answer: Edwin Southern

7. A letter from Vergnaud to Chomsky first made the argument that all DPs must have it. Chomsky called IPs faulty because its assignment in sentences with verbs like "believe" can change the specifier in a process called its "exceptional marking". In Russian, the ending for the instrumental one is "om," and in German, "des" is an article for the genitive one. For ten points, name this feature of nouns that shows whether it's a subject when it's nominative or an object when it's accusative.

Answer: abstract case

8. Bennett showed how to construct a reversible one, and Benioff proposed a quantum mechanical and reversible one, but it wasn't until Deutsch created a quantum version of this model that one that could do more than a classical one, as was first proved possible by Feynman in 1985. After showing 2-state 5-symbol cellular automata is equivalent to one, a \$25,000 prize was announced by Stephen Wolfram for a simpler one. This abstraction's formulator proved that whether any particular one always halts on any input is undecidable, and an eponymous thesis in computability claims that any effectively computable function can be computed by one of these. For ten points, a long strip of blank tape and a transition rule set are all you need to create what computational model named after a twentieth century British computer scientist?

Answer: Turing Machine

9. In 1927, Zwicky wrote a note to explain that these particles, unlike X-rays, only interact with a few layers of a crystal lattice. That note was prompted by an experiment that could either be interpreted as an application of the Bohr-Sommerfeld theory or as a confirmation of de Broglie's theory of the wave nature. About five years before Davisson-Germer showed they behaved like a wave, the Stern-Gerlach experiment showed that its spin was quantized. Its charge was determined to be 1.6 times ten to the negative 19 Coloumbs by Millikan in 1909. For ten points, name these subatomic particles that are negatively charged and orbit the nucleus of an atom.

Answer: electron (prompt on "lepton")

10. In one of his poems, a man senses “an old sharp beauty behind his eyes” after unsuccessfully pursuing a woman seen from the top of the hill. That poem, “Nympholepsy,” is a combination of the earlier “Out of Nazareth” and “The Hill.” “Race at Morning,” about Mister Ernest and his adopted son chasing a twelve-point buck, and “The Bear,” about Ike’s search for Old Ben, were previously published in *Big Woods* and *Go Down Moses* before being recollected in *Uncollected Stories* with “Nympholepsy.” For ten points, name this American author of *The Sound and the Fury* and *Absalom!, Absalom!*.

Answer: William Faulkner

11. The unseen title character leaves the story with the lines “Gone the natural disciplines, and the life of choice begins,” and the composer and librettist hoped songs like “Blues for the Defeated” would allow it to become a Broadway hit. Featuring the characters Hel Helson, Johnny Inkslinger, and the title character’s daughter Tiny, its composer said that the line “Once in a while the moon turns blue” was because of Peter Grimes, and the librettist W.H. Auden drew on the eddas for the story of a giant awakened by a primordial cow. Initial reactions were adverse to two British men writing an epic story for America, especially one with folk guitar accompaniment. For ten points, name this Britten opera about a giant lumberjack of the American West.

Answer: Paul Bunyan

12. He forgets to mention that he owns a goat and that he got his own bakery. He investigates the goat, who had probably eaten too much bark, after he thought he saw his apprentice sleeping with Elka, whom he married at a cemetery next to the corpse-washing huts and who gave birth seventeen weeks after being married. After her death, he asks the devil if he should be eating kreplech before the devil suggests getting revenge on those who told him lies. For ten points, name this subject of a story by Isaac Singer who shows his wisdom as a storyteller after earning the epithet of “the fool.”

Answer: Gimpel the Fool or Gimpel or Gimpl tam

13. This work states that the “solipsism of the present moment” results from a completely rational basis for knowledge, thus opposing Cartesian-style foundationalism. Because all reasoning derived from experience is dependent on the moment of the experience, no knowledge about other times can be gained. Instead, it offers an action-based theory, relying on the title concept as an arational basis for knowledge. That epistemology leads to several beliefs like “things sought can be found, and things seen can be eaten.” For ten points, identify this most important work of philosopher George Santayana, which claims that the first title concept, often associated with Hume, has as bad a result as rational foundationalism, leading to the necessity of the second title concept.

Answer: Scepticism and Animal Faith

14. It was formed by three volcanos later called Poike, Rano Kau, and Terevaka. Figures called kavakava suggest a period of famine, depicting an emaciated male. A scuffle over a stolen musket and a torn shirt caused admiral Jacob Roggeveen to shoot a dozen of the natives when the first Europeans visited this island 1,200 miles east of Pitcairn. Today its population lives almost entirely in the village of Hanga Roa, although they no longer worship the pukau-topped moai, which are giant statues carved from volcanic ash. For ten points, name this island owned by Chile and named for the holiday on which Europeans

first landed.

Answer: Easter island or Rapa Noi or Isla de Pascua
or e pito o te henua (prompt on “The Navel of the World”)

15. He published the unsuccessful philosophical work “Essay on the Human Soul” in 1771, while his political writings include “The Chains of Slavery,” to British citizens, and a 1780 “Plan for Criminal Legislation.” As late as 1789 he gave a moderate endorsement of the monarchy in his *Offrande à la patrie*, but those moderate views altered as he came to edit the radical newspaper *L’Ami du Peuple*, and he fled to England for a time in 1790 after criticizing powerful officials like Jacques Necker. A physician and high-ranking member of the Montagnards along with Robespierre and Danton, this is, for ten points, what French revolutionary, assassinated by Charlotte Corday?

Answer: Jean-Paul Marat

16. It appears when a man from the Greater Antilles takes a piece of meat wrapped in pink butcher’s paper sprinkled with poison and has it given to an old mangy dog named Bob. Soaphead Church claims that he’s doing what God should do; this is related after the recipient’s father comes home drunk, anger transformed into lust by a scraping of the toe against the calf, and rapes the recipient. The girl, however, thinks that the way people treat her is not because she’s bearing Charlie’s child but because her appearance is different. For ten points, Piccola Breedlove fears that someone in Cincinnati might have what titular characteristic instead of her in a work by Toni Morrison?

Answer: The Bluest Eye

17. The court’s decision in this case—the majority written by Hugo Black—overruled 1942’s *Betts v. Brady* and strengthened the verdict of 1932’s *Powell v. Alabama*. Future Supreme Court Justice Abe Fortas represented the plaintiff, who had been originally charged with burglarizing a pool hall in Panama City, Florida. Upon being retried for that original crime, he was this time successfully defended by W. Fred Turner. For ten points, name this 1963 Supreme Court case in which the court unanimously ruled that, in criminal cases, state courts are required to provide lawyers for defendants unable to afford their own.

Answer: Gideon v. Wainwright

18. A 1980 book by William Davis recounts the story of a Kentucky Brigade that took this name and was led by John C. Breckinridge. Until recently in China, almost all of them had the surname Guo or Dang. The Pirates of Penzance spare anyone who claims to be one, and Homer Wells is one under the care of Dr. Wilbur Larch in *The Cider House Rules*. In the work of Dickens, Rosa in *The Mystery of Edwin Drood*, Mary from *Martin Chuzzlewit*, Pip in *Great Expectations*, and Oliver Twist also have known what it is to be one. For ten points, as a baby Harry Potter became what upon the slaying of James and Lily Potter, his parents?

Answer: orphan

19. Two of its stars make up the hearthstones of the Quichè fireplace, and the Great Nebula M-42 surrounded by Alnitak and Saiph is the fire. The Navajo called it “the First Slim One,” the Chinese called its beta star “seventh of three,” and the Arabs called it Algebar.

That star, Rigel, is the seventh brightest in the sky, and is often brighter than Betelgeuse, the alpha star. For ten points, name this constellation made up of a man with a belt and sword called “the Hunter.”

***Answer:* Orion**

20. American agent E. Howard Hunt once noted that the US “took refuge behind the shield” of this during the Cold War, while Richard Olney and Luiz María Drago gave famous interpretations of it. In response to its initial statement, British foreign minister George Canning recommended a joint US-British declaration, an idea supported by both Jefferson and Madison, but this plan was shot down by Secretary of State John Quincy Adams. James K. Polk gave a famous “Reaffirmation” of it in the 1840’s, warning Spain to stay away from Oregon and Mexico. For ten points, name this 19th century statement of US foreign policy, amended by the Roosevelt Corollary in 1904, which demanded that European nations not attempt to control American states.

***Answer:* Monroe Doctrine**

21. At the top-right corner, a willow tree can be seen, while at the bottom-right corner, an infant plays with a transparent veil. At the left an old woman tries to prevent a shriveled figure from holding an hourglass over the central figure, whose skin is much fairer than that of the other figures. She, however, is unaware of her surroundings and looks at her reflection through a mirror. For ten points, name this 1510 painting by Hans Baldung Grien of a theme also treated in a lied of Franz Schubert.

***Answer:* Death and the Maiden or**

Three Ages of Woman and Death (or Der Tod und das Mädchen)

2 Princeton University Bonuses, Round 8

1. Be straight with me as you answer these questions about straits that start with the letter “B” for ten points each.
 - 10 Literally meaning “gate of tears” in Arabic, it separates the Red Sea from the Gulf of Aden.
Answer: Bab-el-Mandeb
 - 10 The strait of Baltiysk separates the Gdansk Bay from the bay named after what river?
Answer: Vistula Lagoon/Bay, but accept Kalliningradskiy Zaliv or Frisches Haff or Aismares
 - 10 The strait of Bonifacio separates what island from Sardinia?
Answer: Corsica or Corse
2. Identify these aspects of Shi’a Islam that differ from mainstream Sunni Islam, for ten points each.
 - 10 Shi’ites believe that this son-in-law of Muhammad was his rightful heir and first caliph instead of Abu Bakr.
Answer: Ali bin Abi Talib
 - 10 Most Shi’ites believe that the second coming of Jesus will precede the return of this man to the earthly sphere, the messiah of Islam.
Answer: al-Mahdi (the Twelfth Imam)
 - 10 This practice, translated as “temporary marriage,” which was permitted in Muhammad’s time but subsequently forbidden by the caliph Umar, is still permitted today in some nations like Iran.
Answer: Nikah-al-Mut’a (Arabic)
or Sigheh (Farsi)
3. It is the “I” in the LIGO project that’s trying to find evidence for the existence of gravitational waves, and one showed a famous negative 1887 result. For ten points each. . .
 - 10 Name this device that uses variable path lengths that cause rays of light to constructively or destructively combine.
Answer: interferometer
 - 10 This famous experiment used a type of interferometer consisting of two full mirrors to reflect the two light rays coming out of a half-silvered mirror, which then get passed back to a collector. It helped disprove ether theory.
Answer: Michelson-Morley experiment
 - 10 A Hadamard gate in a quantum computer can be created by a slight modification to this interferometer with two full mirrors, two half-silvered mirrors, and two collectors. It’s named after its Austrian and Swiss creators.
Answer: Mach-Zehnder

4. Answer the following about Robert de Montesquiou's flamboyant life for ten points each.

10 He threw up for a week after making love to this "divine" actress who was the primary interpreter of the works of Anna de Noailles.

Answer: Sarah Bernhardt

10 Robert de Montesquiou served as a source of the character Baron de Charlus, and Sarah Bernhardt became La Berma in this work by Marcel Proust.

Answer: Remembrance of Things Past or In Search of Lost Time or La Recherche la

10 Montesquiou was the subject of this painter's Arrangement in Black and Gold.

Answer: James Abbott McNeill Whistler

5. Answer the following about the history of Hever Castle for ten points each.

10 Hever was the seat of this family, who is most famous for the 1536 execution of one of its members, at the time the Queen Consort of England and wife of Henry VIII, under charges of adultery, incest, and treason.

Answer: Boleyn

10 The property then fell to Henry VIII, who bestowed it on this fourth wife whom he divorced in the same year he married her, 1540.

Answer: Anne of Cleves

10 After years of disrepair, the property was purchased by the money acquired from the fur-trapping and real-estate endeavors of this American family in 1903.

Answer: Astor

6. Answer the following about the Beowulf poem for ten points each.

10 Beowulf arrives at the hall of this Danish king, husband of Wealhtheow, to save the day.

Answer: Hrothgar

10 Beowulf's first feat was killing this monster; not satisfied, Beowulf then kills his mama.

Answer: Grendel

10 Said task was accomplished through the judicious use of this sword.

Answer: Hrunting

7. Answer the following questions about the life of Ranieri de' Calzabigi for ten points each.

10 Calzabigi was close friends with this author of *Story of My Life*, who made a name for himself by seducing nuns and at one point keeping twenty mistresses.

Answer: Giovanni Giacomo Casanova

- 10 Calzabigi was best known for his role as librettist on *Orfeo ed Euridice* and *Alcest*, the latter of which contained a manifesto written by this composer with Calzabigi.
Answer: Christoph Willibald Gluck
- 10 The aria “Chaiamo il mio ben cosi” was unique for its time in that it is three strophes separated by these solo songs that imitate the rhythms and accents of speech.
Answer: recitative
8. Identify the Freudian defense mechanism from a description for ten points each.
- 10 This is the process of redirecting socially unacceptable desires into more acceptable outlets.
Answer: sublimation
- 10 This is the replacement of unacceptable emotions by their opposites; for instance, if a person is outwardly homophobic to conceal their own homosexuality.
Answer: reaction formation
- 10 This is the redirection of negative emotions from their true target onto a safer, more acceptable target.
Answer: displacement (do not accept “projection”; that’s the other way around)
9. He was the nephew of Emile Durkheim and never did any fieldwork, but through nepotism became the editor of the *Sociological Year*. For ten points each. . .
- 10 Name this French sociologist and anthropologist who connected psychology to social studies in works like *Sacrifice: Its Nature and Function*.
Answer: Marcel Mauss
- 10 Mauss is best known for this 1925 work, which examined giving, receiving, and returning the titular concept in, among other contexts, the Kula and Potlatch.
Answer: The Gift or Essai sur le don
- 10 Mauss conducted a collaboration with Henri Bouchat called *A Study of Social Morphology* of the seasonal variations in the relationships of these Arctic peoples.
Answer: Eskimo (accept Essai sur les variations saisonnières des sociétés Eskimo, prompt on “Inuit”)
10. The first to be discovered was elucidated by Jacob and Monod and controlled the processing of lactose in *E. Coli*. For ten points each. . .
- 10 This is a controlling DNA sequence, and one or more structural genes that are transcribed into a single mRNA molecule.
Answer: Operon
- 10 Unlike the *lac* operon, some genes are repressed by double-stranded RNA, which proceeds via this mechanism.
Answer: RNA interference

10 RNAi was first observed in this plant, which, like tobacco, is part of the Nightshade family. Its name came from a French word that meant tobacco.

Answer: petunia

11. For ten points each, identify films given scenes of toenail painting.

10 Dante paints Becky's toenails black in the office of Mooby's in this 2006 Kevin Smith sequel.

Answer: Clerks II (neither prompt on nor accept "Clerks")

10 This 1962 Kubrick film opens with Dolores Haze getting her toenails painted.

Answer: Lolita

10 Bunny paints her toenails and asks Jeff Bridges's loafer character to blow on them, which leads us to believe that the severed toe sent by the German nihilists is hers and that she's being held for ransom in this 1998 Cohen brothers film.

Answer: The Big Lebowski

12. His paper published "The Prayer of Twenty Millions" attacking Lincoln for not freeing slaves in border states. For ten points each. . .

10 Name this newspaper magnate perhaps most associated with the phrase, "Go West Young Man."

Answer: Horace Greeley

10 Starting in 1852, the London correspondent for Greeley's tribune was this author of *The Class Struggles in France*.

Answer: Karl Marx

10 After the civil war, Greeley lost half of his subscribers for signing the bail-bond for this criminal.

Answer: Jefferson Davis

13. He founded the Kelmscott Press and was a prominent architect who specialized in stained glass and wallpaper designs. For ten points each. . .

10 Name this artist whose only extant easel painting is *Queen Guinevere* and who also wrote the poem *The Defence of Guenevere*.

Answer: William Morris

10 William Morris was closely associated with Dante Gabriel Rossetti, who got him to take up painting and join this group formed in reaction against historical painting.

Answer: Pre-Raphaelite Brotherhood

10 William Morris was at the forefront of this decorative movement that considered the aesthetic of the industrial age to be banal and urged a return to the more personal construction of earlier times.

Answer: Arts and crafts

14. Gershon Loran travels as a chaplain at the end of the Korean war. For ten points each. . .

- 10 Name this work which intertwines Gershon's story with Arthur Leiden's attempt to come to grips with his father's work on the Bomb.
Answer: Book of Lights
- 10 Book of Lights was written by what author of *The Chosen*?
Answer: Chaim Potok
- 10 This work of Potok is also set in Korea, but is from the perspective of an old Korean couple who nurses an abandoned boy they found back to health.
Answer: I am the Clay
15. They were a bunch of Magyar tribes settled around the Don river until they were united by Arpad. For ten points each...
- 10 Arpad is thus considered first king of this nation.
Answer: Hungary
- 10 The Arpad dynasty became christian when this ruler converted in 1000.
Answer: Istevan or Stephen
- 10 Earlier, they had been taken down a peg or two by this Holy Roman Emperor when they were defeated at Lechfeld.
Answer: Otto the Great or Otto der Groesse or Otto I
16. Identify the following authors who would make great husbands for 15 points each, five if you need a better known work.
- 15 In one of his works, Velchaninov and Trusotsky both love Natalya, but Velchaninov is the titular Eternal Husband, who has to deal with Trusotsky's attempts to meddle in the family's life even after the wife is dead.
 5 That short novel was written by this author between *The Idiot* and *The Possessed*.
Answer: Fyodor Dostoevsky
- 15 In a work by him, Sir Robert Chiltern is blackmailed by Cheveley but gets out of it with the help of Lord Goring, whose father turns him into the Ideal Husband for Robert's sister Mabel.
 5 Another marriage is the subject of a man who vacillates between the identities of Jack Worthing and Ernest in this author's *The Importance of Being Ernest*.
Answer: Oscar Wilde
17. When transported, it was always covered in tachash skins. For ten points each...
- 10 Name this container that held the original ten commandments.
Answer: ark of the covenant or aron habrit
- 10 This city's walls collapsed after the ark circled around the city for seven days and Joshua and his priests blew their horns.
Answer: Jericho or Yeriho

10 After the Philistines captured the Ark and placed it in a temple in this city, its citizens were afflicted by a terrible plague until the Ark was removed.

Answer: Ashdod

18. Answer the following about the All-India Muslim League for ten points each.

10 The first leader of the All-India Muslim League was this statesman, who became Imam of the Shia Ismaili Muslims at the age of 7 in 1885.

Answer: Aga Khan III (prompt on partial answer)
or **Sultan Mahommed Shah**

10 The demands of proportional representation by religion was granted by this man who became Viceroy of India in 1904 after leaving his post as governor-general of Canada.

Answer: Gilbert John Elliot-Murray-Kynynmound, 4th Earl of Minto,
Viscount Melgund (accept any underlined part)

10 The All-India Muslim League became the dominant party in this nation when it was formed in 1947.

Answer: **Islamic Republic of Pakistan**

19. His rules predict when a bond will be ionic or covalent based on the size of the atoms involved and the relative charge, and he twice figured out things before Nobel prize winners but was such an ass he never got the prize himself. For ten points each. . .

10 Name this Polish-American chemist.

Answer: Kasimir Fajans

10 Fajans figured out nuclear decay while discovering Protactinium, but Soddy got the award; both got on the same track while working for this chemist famous for his “gold foil” experiment.

Answer: Ernest Rutherford

10 This assistant of Fajans accidentally found Fajans’ indicator used in titrations of silver, but unlike his boss, he actually got the Nobel for discovering conformational equilibria of cyclohexane derivatives using electron diffraction in 1969.

Answer: Odd Hassel

20. “Silicone parts are made for toys, I want ’em real thick and juicy,” so many spurn the bimbos and keep their women like FloJo. Answer the following about artists who have performed “Baby Got Back.” For ten points each. . .

10 “Baby Got Back” was originally performed by this rapper and hip-hop artist born Anthony Ray.

Answer: Sir Mixalot

10 Jonathan Coulton’s popular folky banjo cover of the song swept the Internet; he was part of another Internet phenomenon as the background accompaniment to John Hodgman reciting the names of 700 of these no-pants changing individuals.

Answer: hobos

10 The band leader for Last Call with Carson Daly, he swankified “Baby Got Back” on his album *Toxicity* with his band Lounge Against the Machine.

Answer: Richard “Dick” Cheese or Mark Jonathan Davis

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