

The Berkeley C Technophobia Packet

Toss-Ups

1. Known as "Lord Cupid," and strongly disliked by Queen Victoria due to his sexual behavior, this Englishman was born in Hampshire County on October 29th, 1784. Because his father was unable to upgrade his Irish peerage to a United Kingdom peerage, he entered the House of Commons rather than the House of Lords. Spending many years as foreign secretary under the Whigs, he said that Britain had "no permanent allies, only permanent interests." For 10 points--name this man, born Henry John Temple, who served as Prime Minister during the American Civil War.

answer: Lord **Palmerston**

2. Originally a theocratic Puritan community called Quinnipiac, it is a port at the mouth of the Quinnipiac River on Long Island Sound, and was co-capital of its state until 1875. An Abolitionist center during the Civil War, this blue-collar town was the home of the Winchester rifle. Today if you venture far from its Gothic college campus, you find a depressed run-down dump. For 10 points--name this city, best known as the home of Yale University.

answer: **New Haven, CT**

3. Seven, Erykah Badu's son, is also the offspring of Dre [DRAY], one half of this Atlanta based rap duo, whose 1994 debut featured the single "Player's Ball." Subsequent releases from the duo include the just released "Stankonia," featuring the single "Bombs Over Baghdad" and 1996's "ATLiens." For 10 points--name the duo, whose 1998 album *Aquemini* featured the controversial single, "Rosa Parks."

answer: **Outkast**

4. First packaged in 1933, this brand sponsored its "Hollywood Theatre" radio program from 1938-1949 and the television show "You Asked For It" from 1951-1959. Spokespeople for the product have included Annette Funicello, Bonnie Blair, and Derek Jeter. In 1955 it was acquired by Best Foods. For 10 points--name this brand of peanut butter that shares its name with Slappy the Squirrel's nephew.

answer: **Skippy**

5. Some of the works of this Venetian Painter that can be found in American museums include "Finding of Moses" and the "Miracle of the Loaves and Fishes." Born in 1518 as Jacopo Robusti, this Venetian Painter studied under Titian and earned his more commonly used name based on his father's profession. For 10 points--name this painter of the "Baptism of Clorinda" and "St. Mark Rescuing a Slave," whose name translates as "little dyer."

answer: **Tintoretto**

6. Ernest Bloch's "Israel," Copland's "Inscape," Respighi's "Pines of Rome," Debussy's "Afternoon of a Faun," Richard Strauss's "Don Juan," and Liszt's "Les Preludes" are all examples of this type of musical composition, created by Liszt himself. Typically consisting of one movement--for 10 points--what type of composition for orchestra often tells a story inspired by a nonmusical artistic source?

answer: **symphonic poem** or **tone poem**

7. This man wrote only one novel, although he also wrote for the journal *Sovremennik* or "Contemporary." His literary influences included George Sand and Charles Dickens. He started his book while incarcerated in a Russian prison in 1862 as a response to Turgenev's *Fathers and Sons*; his book, in turn, inspired Fyodor Dostoevsky to write *Notes from Underground*. Legend has it that Vladimir Ilyich Lenin kept a copy

of this man's book with him at all times. For 10 points--name this Russian radical of the 1860s who wrote *What is to Be Done?* before Lenin was even born.

answer: Nikolai **Chernyshevsky** (Do not accept Lenin)

8. An analysis of P-waves and S-waves from late-19th century seismograms led to the hypothesis of this boundary in 1904. The proposal of its existence carried with it the suggestion that the earth could be divided into distinct layers. For 10 points--identify this boundary between the crust and the upper mantle, named after the Croatian seismologist who discovered it.

answer: **Moho** discontinuity or **Mohorovicic** discontinuity

9. Born in 1802 Maine, this American woman founded and ran a girls' school for the first 33 years of her life and served as a Union Superintendent of Woman Nurses during the Civil War. Considered one of the major progressives of the 19th-century, she wrote *The Garland of Flora* in 1829 and, after visiting Massachusetts prisons in 1841, became interested in reforming the American prison system. For 10 points--name this woman, whose efforts led many states and Canada to build new state hospitals for the mentally ill.

answer: Dorothea **Dix**

10. Archibald Cox argued the case for the petitioner and Reynold Colvin argued it for the respondent. Justice Powell wrote the opinion for the majority, which consisted of Justices Brennan, White, Marshall and Blackmun. Justice Stevens wrote the dissenting opinion. Petitioner asserted that Davis's actions violated the 14th Amendment and the Civil Rights of 1964. For 10 points--name the 1978 Supreme Court case in which the court found that the Equal Protection Clause was violated by affirmative action "quotas" in medical school admissions.

answer: **Regents** (of the University of California) **v. Bakke**

11. Lucius Lamar tried to reconcile Northern and Southern differences following the Civil War. George Norris broke party lines. The others include John Quincy Adams, Daniel Webster, Thomas Hart Benton, Sam Houston, Edmund G. Ross, and Robert A. Taft. For 10 points--these men are portrayed in what 1963 Pulitzer Prize-winning book by the last US president to die in office?

answer: **Profiles in Courage**

12. These fundamental particles either have one unit of electric charge or none at all; for each of the three charged types there is a corresponding neutral type. For 10 points--what type of particle, which only interacts through the weak and electromagnetic forces and not via the strong force, includes taus, muons, electrons, and neutrinos?

answer: **leptons**

13. She graduated from Petrograd University in 1924 before moving to America. Once here, she worked as a Hollywood screenwriter while starting her writing career with the novel, *We, the Living*. She died while working on a television miniseries of her 1957 bestseller that exemplified her objectivist philosophy. For 10 points--name this author most famous for *Atlas Shrugged* and *The Fountainhead*.

answer: Ayn **Rand**

14. Glen Taylor feels the penalty was too harsh but the commissioner obviously does not. This team was fined 3.5 million dollars and was stripped of its next five first-round draft picks, effectively killing its once-promising future. Now its hopes rest squarely on the shoulders of the NBA's only seven-foot small forward, a player drafted straight from high school. For 10 points--name the basketball team punished for its unfair signing of power forward Joe Smith.

answer: Minnesota **Timberwolves** (prompt on "Joe Smith")

15. Why does this night differ from all other nights? This is the first of the Four Questions, read in by the youngest child. During this eight-day holiday, families serve a religious dinner called a "seder" and only unleavened bread may be eaten. At the end of the meals, the children search for the hidden matzoh bread called the Afikomen. For 10 points--name this Jewish holiday that celebrates the Jews' liberation from Egypt.

answer: **Passover** or **Pesach**

16. Pierre de Montreuil was employed by Louis IX as an architect to build this church, and labored at this task from 1242 to 1247, a surprisingly short time for such a massive project. Built in the Flamboyant Gothic style, it is remarkable in that not only do the stained glass windows extend from the floor all the way to the ceiling, but they also make up 75% of the outside area of the cathedral. For 10 points--name this Gothic church, originally built to house Louis IX's treasure collection.

answer: **St. Chapelle**

17. He was born in 1239 and died in 1307. During his reign, he added to the bureaucracy of his father and expanded the administration into four parts: the Chancery, the Exchequer, the Household, and the Council. He had 16 children by Eleanor of Castille, and his eldest son was the first to be crowned Prince of Wales. His repression of the Scots gave cause to a rebellion led by William Wallace and later another one, led by Robert Bruce. For 10 points--name this son of Henry III and Eleanor of Provence who was nicknamed Longshanks because of his great height.

answer: **Edward I**

18. A beam of x-rays with a sharply defined wavelength falls on a graphite target. For various angles of scattering, the intensity of the scattered x-rays is measured as a function of their wavelength, and the resulting data shows some of the scattered rays have a longer wavelength than before, because they have lost energy while colliding with electrons. For 10 points--what is this effect which demonstrated the wave/particle duality of light and won its namesake the 1927 Nobel Prize in physics?

answer: **Compton** effect

19. Before the first battle of Moytura, he was king of the Tuatha De Danaan, but during that battle he lost his right hand, and by the law of his people could no longer be king. However, the physician Dian Cecht replaced his real hand with a silver one, whereupon the Danaans again accepted him as king. Who is this god of the Celtic pantheon, son of the Goddess Danu and grandfather of Finn MacCumhail?

answer: **Nuada** of the Silver Hand

20. After a bitter disagreement with his father, he is sent to Wales to count all the stones there, while his father rests on clean linen sheets in a home for the mentally ill. When confronted in an airport by an annoying clerk, he turns her into a soda machine. In another work by the same author, he has a small part where he is briefly flirting with Trillian, until Arthur outsmarts him by asking him to step outside. For 10 points--name this god who appears in Douglas Adams' *The Long Dark Tea-Time of the Soul*, the most famous of Odin's sons, and the God of Thunder.

answer: **Thor**

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Bonuses

1. Given the names of battles, name the war in which they were fought for 10 points each.

a. Notium and Arginusae

answer: **Peloponnesian War**

b. Calais and Agincourt

answer: **Hundred Years War**

c. Blenheim, Gibraltar, and Oudenarde

answer: **War of Spanish Succession**

2. For five points, a Maclaurin series is a member of what broader family of series?

answer: **Taylor Series**

For ten points, what is the derivative of $\arctan(x)$ [pronounced "arctangent of x"] with respect to x?

answer: **$1/(1+x^2)$**

For fifteen points, Newton originally called the Fundamental Theorem of Calculus "The Method of" what?

answer: **Fluxions** (Accept fluxional method)

3. Name the Composer given the pieces on a 10-5 basis.

10: Kindertotenlieder (Songs of Dead Children)

5: Songs of a Wayfarer

answer: Gustav **Mahler**

10: Verklärte Nacht

5: Moses und Aron

answer: Arnold **Schoenberg**

10: The Childhood of Christ

5: Symphonie Fantastique

answer: Hector **Berlioz**

4. Given the name of a dance work, name the original choreographer on a 5-10-15 basis.

5: Bring in Da Noise, Bring in Da Funk

Savion **Glover**

10: Appalachian Spring

Martha **Graham**

15: Creation of the World

Alvin **Ailey**

5. Given the name of an Economic Text, name its author, for 10 points each

a. "An Essay on the Principle of Population"

answer: Thomas **Malthus**

b. "The Principals of Political Economy and Taxation"

answer: David **Ricardo**

c. "The Theory of the Leisure Class"

answer: Thorsten **Veblen**

6. Do you come from the Land Down Under? Probably you don't, but these recording artists do. Name these Australian recording artists given a description for 10 points each.

a. A long time cast member of the Australian soap "Neighbours," this recording artist reached #3 in 1988 with her cover of "The Loco-Motion."

answer: **Kylie Minogue**

b. Also a member of the "Neighbours" cast, this waif captured the hearts of many Americans in 1998 with her album "Left of the Middle," featuring the songs "Wishing I Was There" and a cover of an Ednaswap tune.

answer: Natalie **Imbruglia**

c. KROQ in L.A. played this punk band's "Prisoner of Society" quite a bit upon the American release of its self titled album in 1999.

answer: The **Living End**

7. For the stated number of points, answer the following questions related to World War 2:

5) What was the code name for Germany's invasion of the USSR?

answer: **Barbarossa**

10) The battle of Stalingrad was the turning point of the war on the eastern front. Stalingrad is situated on the juncture of--for 5 points each--what two rivers?

answer: **Volga** and **Don**

15) Name the German general who surrendered the Sixth German Army at Stalingrad after Goering failed to deliver the promised air support and Hitler refused to allow withdrawal.

answer: Friedrick **Paulus**

8. For the stated number of points, answer the following questions about Joseph Heller's classic novel, Catch 22

5) He dies on the mission over Avignon, revealing to Yossarian his "terrible secret" and prompting Yossarian to later ask the question, "Where are the _____s of yesteryear"?

answer: **Snowden**

5) He is the chief mess officer, who buys eggs in Malta at 5 cents apiece and sells them in Pisa for 4 cents apiece and still makes a profit.

answer: Milo **Minderbinder**

10) He is the august-looking major, to whom everyone is afraid to speak. His first name is unknown and his only words in the book are: "Give them eat."

answer: Major de **Coverley**

10) What was the original title of Catch-22?

answer: **Catch-18**

9. So you think you know your sports? Let's see what you know about the most popular sport in the world. Given the year, give the team that won the World Cup of Soccer in that year for 5 points. For another 5 points, name the team that lost the final game.

a. 1974

answer: Winner: **West Germany** (prompt on Germany), loser: **Holland**

b. 1934

answer: Winner: **Italy**, loser: **Czechoslovakia**

c. 1950

answer: Winner: **Uruguay**, loser: **Brazil**

10. The following two scientists won the Nobel prize in 1936, and 1937 respectively. Given the name of the scientist, for 15 points each give the discovery for which he won the Nobel Prize:

a. Carl David Anderson

answer: discovery of the **positron**

b. James Chadwick

answer: discovery of the **neutron**

11. Name the novel from characters for ten points apiece; five points if you need the author:

10-Colonel Kurtz, Captain Willard

5-Joseph Conrad

answer: **Heart of Darkness**

10-Anse, Vardaman, Addie, Darl and Cash

5-William Faulkner

answer: **As I Lay Dying**

10-Emil, Franz and Demi

5-Louisa May Alcott

answer: **Little Men**

12. Given the first line of a Shakespeare play for ten points. Five if you need the speaker.

10--"Now, fair Hippolyta, our nuptial hour draws on apace"

5-Theseus

answer: **A Midsummer Night's Dream**

10-"Hence! home, you idle creatures, get you home: Is this a holiday"

5-Flavius, a tribune

answer: **Julius Caesar**

10-"I'll pheeze you in faith."

5-Sly

answer: **Taming of the Shrew**

13. Given the name of the fictional detective, name the author. Five points each, thirty for all five.

1. Nancy Drew

answer: Carolyn **Keene** (yeah, we know that there never really was a Carolyn Keene)

2. Auguste Dupin

answer: Edgar Allan **Poe**

3. Perry Mason

answer: Earle Stanley **Gardner**

4. Philip Marlowe

answer: Raymond **Chandler**

5. Sam Spade

answer: Dashiell **Hammett**

14. Unfortunately, the Yankees just won another World Series. Answer these questions about teams who have knocked the hated Bronx Bombers out of the playoffs.

10-This team was the most recent to eliminate the Yankees from the playoffs, beating them in the 1997 ALCS.

answer: **Cleveland Indians** (responses of **Cleveland** and **Indians** also acceptable)

10-This team beat the Damn Yankees in 1995's Division Series with a fantastic game 5 last-at-bat win.

answer: **Seattle Mariners** (responses of **Seattle** and **Mariners** also acceptable)

10-When the Mariners won the 1995 series, Ken Griffey Jr. scored the winning run from first on a double.

As he crossed the plate, what future superstar congratulated him on their terrific defeat of the most despicable team (in the humble opinion of the writer of the question) in all of sports?

answer: **Alex Rodriguez** (accept "A-Rod")

15. Let's play the Geography game. Each answer starts with the last letter of the previous answer. Assume the most recent answer was Panama, so the next answer will begin with A.

10-Located on the western part of the Balkan Peninsula, its capital is Tirana.

answer: **Albania**

10-Completely landlocked, this country shares its largest border with Pakistan. It also borders Iran, Turkmenistan, Uzbekistan, and Tajikistan.

answer: **Afghanistan**

10-It has three main river systems: Kosi, Gandaki and Karnali. It is also the home of the world's highest peak in Mount Everest.

answer: **Nepal**

16. You say you want a revolution? Given a period of revolution, name the planet:

For five points: 88 days

answer: **Mercury**

For ten points: 687 days

answer: **Mars**

For fifteen points: 11.9 years

answer: **Jupiter**

17. For 10 points each--identify these heroes of the Finnish "Kalevala."

a. His mother, Ilmatar, was pregnant with him for 30 years and after he was born he floated for 8 more years on the ocean. He is the greatest bard and enchanter in the world and the main hero of the "Kalevala".

answer: **Vainnamoinen**

b. A rascal and adventurer, he is the greatest skier in Lapland and catches the devil on skis. He dies and is chopped up into pieces but is later resurrected by his mother.

answer: **Lemminkainen**

c. He is the greatest smith of Finnish mythology, forger of the magical mill Sampo.

answer: **Ilmarien**

18. Believe it or not, the following afflict different members of the Berkeley Quiz Bowl team. Given a phobia, name that which is feared for the stated number of points.

For five points: pedophobia

answer: **children** (accept **kids**)

For ten points: pornophobia

answer: **prostitutes** (accept whores, hookers, harlots, etc.)

For fifteen points: cacophobia

answer: **ugliness** (accept **unpleasantness**)

19. On May 14, 2000 Russia announced to the world that one of its nuclear submarines had sunk to the bottom of the ocean. Answer the following about the Kursk for ten points apiece:

In what sea did the Kursk sink?

answer: **Barents Sea**

Divers from what country first opened the hatch of the crippled submarine?

answer: **Norway**

Within five, give the number of crewman believed to have died on the Kursk.

answer: **118** (accept 113-123)

20. For 15 points each--identify the following physics phenomena or laws:

a. This phenomenon occurs when a charged particle gives off energy as it moves through a transparent medium faster than the speed of light in that medium. The radiation emitted is usually in the visible and UV region of the spectrum.

answer: **Cherenkov** Radiation (accept **Cherenkov** Effect)

b. An orbit synchronized with the sidereal rotation of the Earth (1 equals 23 h, 56, min, 4 s) with an inclination and eccentricity of zero.

answer: **Geostationary orbit** (accept **Clarke orbit**)