

Iowa State University
Academic Quiz Competition
Monthly Packet Club

University of California at Berkeley
(David M. Levinson)

September 1995

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Toss-Ups
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1. His first novel, "The Eagle's Shadow" appeared in 1904, but it was his
second "Gallantry" that showed the creation of his mythical French province
Poictesme. FTP Who is this author of the censored "Jurgen"?

Answer: James Branch _Cabell_ (1879-1958)

2. Born in 1506, this Catholic missionary was one of the seven original
Jesuits. He converted many thousands in India, Ceylon, Malaysia, and
Japan. FTP Identify the saint called "Apostle of the Indies".

Answer: Saint Francis _Xavier_

3. The author of "The Defense Never Rests" gained fame for the defense
of Sam Sheppard, a Cleveland doctor accused of killing his wife (which
became the story behind The Fugitive). FTP, who is this defense
attorney who could not free Patty Hearst and is now assisting in
the defense of O.J. Simpson?

Answer: F. Lee _Bailey_ (1933-)

4. Sent by the eponymous German Foreign Secretary to the German ambassador
to the United States, it suggested an alliance with Mexico in the event of
American entry into World War I. FTP, identify this 1917 telegram.

Answer: _Zimmerman_ Note

5. The most recent lasted from 1500 to 1900. During this period the average temperature in Europe was 3 degrees lower than today and mountain glaciers advanced. FTP, identify this event recurring every 2,500 years and cooling the globe?

Answer: Little Ice Age

6. Founded by George A. Cowan, its board has included Nobel winning luminaries Murray Gell-Mann and Kenneth Arrow. This organization researches non-linear dynamics (complexity to you and me); among its researchers are Brian Arthur, studying positive feedback in the economy, Stuart Kauffman on the emergence of complex systems, and John Holland, in Artificial Intelligence. FTP, what is this institute named for a town near Los Alamos, NM?

Answer: Santa Fe Institute

7. Two answers required: These two friends were loyal to each other, the second was sentenced to death, but needed to get his affairs in order, so the first stood in his place. FTP, identify these friends whose loyalty so impressed the King that he spared both of their lives.

Answer: Damon and Pythias

8. While in a German military camp, he wrote "The Mediterranean and the Mediterranean World in the Age of Philip II". Later he led the Annales school of history, and was perhaps the greatest historian of the twentieth century. FTP, who wrote the trilogy "Civilization and Capitalism"?

Answer: Fernand (Paul Achille) Braudel (1902-1985)

9. This Bavarian town was home to Wagner's house. The festival here has seen regular performances of his operas since 1892. FTP, identify this festival run by the Wagner family, which has never performed the operas of another.

Answer: Bayreuth Festival [BUY-roit]

10. This teamster leader was expelled from the AFL-CIO after he asserted his right not to incriminate himself by taking the Fifth Amendment 7,200 times during Congressional hearings on union corruption. FTP, who is this teamster leader, jailed for tax crimes, whose debt was forgiven by the Nixon administration in exchange for Teamster support?

Answer: Dave Beck

11. This science developed from the work of A.E. Douglas in 1904. In wet years, the rings are thicker, and, in dry years, narrower. FTP, what is this science of tree ring dating?

Answer: dendrochronology

12. Founded in Philadelphia in 1917 and led by Rufus Jones, it grew from opposition to the first World War. It provided an outlet for Quakers to

serve their country without fighting. FTP What is this organization, involved in subsequent wars, which shared the 1947 Nobel Prize in Peace with its British counterpart?

Answer: American Friends Service Committee

13. This French born industrial designer came to America after World War I. In 1929 he redesigned the Gestetner duplicating machine in three days, pioneering the streamlining movement. He designed the Coca-Cola bottle as well as the interior of Skylab. FTP, who is this industrial designer of objects ranging from toothbrushes to airplanes?

Answer: Raymond Loewy (1893-1986)

14. Although the movement of individual pollen grains in water are unpredictable, all grains move faster when the water is hotter and slower when cooled. Einstein later wrote a paper on the subject in which he theorized that the grains were being battered around by water molecules. FTP, what name is given to this irregular movement of minute particles when suspended in a liquid?

Answer: Brownian Motion

15. His Banana Trilogy examined U.S. influence in Central America, and in 1954 he went into exile from his native Guatemala. FTP, who is this diplomat, activist, author of prose and poetry and winner of the 1966 Lenin Peace Prize and 1967 Nobel Prize in Literature?

Answer: Miguel Angel Asturias (1899-1974)

16. In his scientific autobiography, which he called his "obituary", he recalled influential childhood events, such as at age five noticing the compass needle always pointed north that the moon did not fall to earth. At sixteen he asked what it would be like for an observer to move alongside a light wave. He made a career attempting to answer questions like these. FTP, who is this man who determined that we cannot travel faster than the speed of light in his special theory of relativity?

Answer: Albert Einstein

17. Two answers required. For a quick ten points, which poem of which author begins: "I wandered lonely as a cloud" and shares its name with a type of flower?

Answer: Daffodils by William Wordsworth

18. It is the area way beyond Pluto made up of ices, frozen gases, and methane. FTP, identify this area named for a Dutch astronomer where a huge cloud of comets orbit the sun like billions of miniature planets.

Answer: Oort Cloud

19. In the 1930's she was a contract player with RKO. By 1957, she and her husband had bought RKO for \$3 million. She sold the organization for \$17

million in 1968 to Gulf and Western, owners of Paramount. FTP, who is this businesswoman and comedienne, the star of 3 prime time television shows, the first with her Cuban husband?

Answer: Lucille Desiree _Ball_

20. When he stepped on the moon, he described it as "magnificent desolation", words spoken fifteen minutes after Armstrong's more famous words though they both landed at the same time. FTP, who is this second man to set foot on the moon?

Answer: Edwin "Buzz" _Aldrin_

21. Postulated by James Lovelock, it suggests that the earth is a superorganism which can modify and maintain its own optimum environment. FTP, identify this theory named for the Greek earth goddess.

Answer: _Gaia_ Hypothesis

22. It was founded in 1925 by Bill Wilson--an alcoholic working on Wall Street--as a non-profit self-help group. He wrote a book of the same name published in 1939, and in 1946 posited the "Twelve Traditions", later known as steps, which formalized its goals. FTP, what is this group dedicated to helping members maintain sobriety?

Answer: _A_lcoholics _A_nonymous

23. Warren Zevon has written of them in his music. Prowling at night, digging up corpses, and devouring babies are a few of their habits. FTP, identify these legendary creatures associated with the full moon.

Answer: _werewolves_

24. This theory states that as a result of the presence of matter, space becomes curved, and bodies follow the straightest line among the possible curved paths. Gravity is then viewed as a result of the curvature of space induced by the presence of massive objects. FTP, what is this theory put forward in 1915 by Albert Einstein?

Answer: _General Theory_ of _Relativity_

Wrong: Special Theory of Relativity

25. Orwell describes the sins of his youth "a few cigarettes, a few mouthfuls of meat, a few annas pilfered in childhood from the maid servant, two visits to a brothel (on each case, he got away 'without doing anything'), one narrowly escaped lapse with his landlady in Plymouth, one outburst of temper--that is about the whole collection." His family came from the Vaisya (or agricultural) caste. Previous generations had been prime ministers on the Kathiawar peninsula of India, and all were highly respected. He became a lawyer who, after being treated poorly on a train, organized the Indians and Pakistanis in South Africa. FTP, who is this most famous Indian advocate of nonviolence?

Answer: _M_ohandas (Mahatma) K. _Gandhi_

26. In its Elements of Mathematics, this French group attempts to display the architecture of the whole mathematical edifice starting from logical and set-theoretic concepts. FTP, what is this group named for the pseudonym under which it publishes this, and other, monumental tomes?

Answer: Nicolas _Bourbaki_ Society

27. Two answers required. They are the first two patriarchs of the Old Testament; God made a covenant with the first, and promised to continue it with his son, the second. The first was tested by God being ordered to sacrifice the second. FTP, who are these ancestors of the Jews?

Answer: _Abraham_ and _Isaac_

28. French President Sadi-Carnot, Austrian Empress Elizabeth, Italian King Umberto, and President McKinley were all assassinated by persons associated with this loose political movement. Famous ones include members of the Baader Meinhof, David Friedman, Emma Goldman, Pierre Joseph Proudhon, William Godwin, and Mikhail Bakunin. FTP, identify this political philosophy holding that government is evil and should be abolished in favor of free agreement between individuals.

Answer: _anarchism_ [PROMPT on _assassinated_, if given early]

29. This poet died in World War I, two days before the armistice, of a head wound. Born of a Polish mother and Swiss-Italian father, he associated with the Cubists and was influenced by the Symbolist poets. FTP, who is this poet and art critic, author of Alcools and Calligrammes?

Answer: Guillaume _Apollinaire_
(Wilhelm-Apollinairis _de Kostrowitski_) (1890-1918)

30. It is a colorless, flammable liquid used as antifreeze, general solvent, and fuel. FTP, what is this alternative fuel for automobiles used at the Indianapolis 500?

Answer: _methanol_
Accept: _methyl alcohol_, _wood alcohol_

31. Founded in 1916 by Karl Rapp and Gustav Otto, it initially manufactured aircraft engines. In 1923 it moved on to motorcycles, and finally to automobiles in 1929. The 2002, designed by Andreas Glas is one of its most famous models. FTP, identify the manufacturer of cars for rich yuppie lawyers.

Answer: _B_ayerische _M_otoren _W_erke
[BUY-air-ish-eh moh-TOHR-en VAIR-keh]

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September 1995

BONUSES

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30 POINT BONUS

1. Galileo discovered four moons of Jupiter. Obviously you can name them. But do you know which is which? Name the following moons of Jupiter from a brief description (5 each + 10 for all four correct):

a. 3,000 miles in diameter, it is the outermost of the four largest moons

Answer: _Callisto_

b. Compared to a huge glass eye shattered by a hammer, it is covered with canal like cracks, it is the fourth largest moon

Answer: _Europa_

c. An iceball with a diameter of 3,260 miles, it has a strange network of grooves

Answer: _Ganymede_

d. This moon has active volcanoes

Answer: _Io_

30 POINT BONUS

2. Maybe Don Johnson and Melanie Griffith do belong together. Both started their careers with cheesy science fiction flicks. Identify the films from brief descriptions. (15 each)

a. Albert, played by Don Johnson, needs a woman, and Blood finds him one. Blood, a canine, can talk, which would be remarkable if the film were not science fiction, while Albert is a cannibal. It is set after World War 4 and based on a Harry Harrison novella.

Answer: _A Boy and His Dog_

b. Set in the near future, the protagonist's main squeeze, a robot who gives her name to the film, has become fried from too much love-making. He needs to go to the anarchistic zone 7 to find a replacement, and meets up with E. Johnson, a tracker, played by Melanie Griffith.

Answer: _Cherry 2000_

30 POINT BONUS

3. Academic competitions are games of feedback. If you are correct, you are rewarded with ten points, encouraging you to buzz again. If you are wrong, you are penalized, discouraging further wrong buzzing. Feedback matters outside of academic competitions as well. Tell me whether the following are positive feedback, negative feedback, both, or neither (5 each):

a. a thermostat, which turns on the heat when the ambient temperature is below the setting and the air conditioning when it is too warm

Answer: negative feedback

b. compound interest

Answer: positive feedback

c. the economic laws of supply and demand for normal goods

Answer: negative feedback

d. a long playing record on a turntable

Answer: neither

e. economies of scale

Answer: positive feedback

f. homeostasis

Answer: negative feedback

30 POINT BONUS

4. While Roman, Greek, or Norse myth may be more well known, American is not without its own. Identify the following tall tales characters from folklore (5 each, + 10 pt for all four correct):

a. These two created Minnesota's lakes from their footprints

Answer: Paul Bunyan, Babe

b. He died of exhaustion after outperforming a steam drill in a contest

Answer: John Henry

c. According to Davy Crockett, he was "king of the flatboatment"

Answer: Mike Fink

d. When his train was about to crash, he told his assistant to jump but remained at the controls, saving the passengers while dying himself

Answer: Casey Jones

30 POINT BONUS

5. Identify the Shakespeare play and the character who speaks it from a famous quote, for ten points each (both parts required):

a. We are such stuff as dreams are made on

Answer: _Prospero_ in _The Tempest_

b. What's in a name? That which we call a rose By any other name would smell as sweet.

Answer: _Juliet_ in _Romeo and Juliet_

c. Brutus is an honorable man.

Answer: Mark _Antony_ in _Julius Caesar_

30 POINT BONUS

6. Many terms for musical tempo begin with "a". Provide the name of the tempo from a brief description (10 each):

a. Italian for cheerful, it is a brisk, lively musical tempo

Answer: _allegro_

b. Italian for "walking," it is a slow musical tempo

Answer: _andante_

c. a very slow musical tempo

Answer: _adagio_

30 POINT BONUS

7. The Last Emperor was a movie by Bernardo Bertolucci. It was about the Last Emperor of China, but how well do you know the last monarchs of China and other "empires". Give the name of: (10 each)

a. The Last Emperor of China

Answer: _Henry Pu-Yi_ (1906-07)_

b. The Last Emperor of Vietnam

Answer: _Bao Dai_ (1913 -)

c. The Last Emperor of the Western Roman Empire

Answer: _Romulus Augustulus_

30 POINT BONUS

8. On January 1, 1995, three countries joined the European Union. Answer the following questions about the Union for ten points each.

a. How many members does it now have?

Answer: _15_

b. To the nearest trillion, what is the gross product of the European Union?

Answer: _7 trillion, (6.7 is best estimate)_

c. All or nothing, what three countries joined at the beginning of 1995?

Answer: _Austria_, _Finland_, _Sweden_

30 POINT BONUS

9. Recall Charlie's Angels? While there were only three at a time, there were five in all. For five points each, name the actresses who played them, plus five for all correct:

Answer: Farrah _Fawcett_,
Kate _Jackson_,
_J_acqlyn _Smith_,
Cheryl _Ladd_,
Tanya _Roberts_

30 POINT BONUS

10. The Greeks were quite ironic in their torture. Identify the following legends from Greece by their punishment (10 each)

a. After offending the Gods, he was tortured with thirst and hunger, he stood up to his head in water, but every time he bent over to drink, the water receded. There were boughs of fruit over his head, but each time he tried to pluck them, they were blown out of reach.

Answer: _Tantalus_

b. A Titan, he stole fire from the Gods and gave it to man. He was chained to a rock and had his regenerating liver gnawed by an eagle

Answer: _Prometheus_

c. A king who offended Zeus, he was forced to roll an enormous boulder to the top of a steep hill. Every time the boulder neared the top it would roll back down.

Answer: _Sisyphus_

30 POINT BONUS

11. The War in the Atlantic at the beginning of the Second World War had an important impact on the outcome, ensuring that Allies would control shipping. Identify the following ships from a brief description (15 each):

a. Launched in May, 1941, it almost immediately fought the Hood, which it sunk, and Prince of Wales, which it damaged. Later it was attacked by the

Victorious, and two days later was assaulted by aircraft from the Ark Royal. The next day, the King George V, the Rodney, and the Dorsetshire bore down on it, and on May 27, a mere nine days after it was launched, it went down. For ten points, identify the boat

Answer: _Bismarck_

b. This boat, which had already sunk nine Allied ships, was sighted in the South Atlantic by a British squadron under Commodore Harwood on December 13, 1939. It was forced into Montevideo for repairs, and was scuttled on December 17 rather than lose the Battle for the River Platte. For ten points identify the boat.

Answer: _Graf Spee_

30 POINT BONUS

12. Charles Perrault, Brother Grimm, Aesop, or Hans Christian Anderson? Identify the following as coming from one of the above (5 each):

a. The Fox and the Grapes

Answer: _Aesop_

b. The Ugly Duckling

Answer: Hans Christian _Anderson_

c. Little Red Riding Hood

Answer: Brothers _Grimm_

d. The Princess and the Pea

Answer: Hans Christian _Anderson_

e. The Tortoise and the Hare

Answer: _Aesop_

f. Bluebeard

Answer: _Charles _Perrault_

20 POINT BONUS

13. Four figures in the Book of Revelations symbolize the evils to come at the end of the world. For five points each, given a color of his horse, identify the horseman of the apocalypse:

- | | |
|----------|-------------------|
| a. White | <u>_Conquest_</u> |
| b. Red | <u>_War_</u> |
| c. Black | <u>_Famine_</u> |
| d. Pale | <u>_Plague_</u> |

30 POINT BONUS

14. Dostoevsky has created many memorable characters, but they have

those unpronounceable Russian names. Given those names, in what works would you find the following characters (10 each):

- a. Rodya Roskalnikov _Crime and Punishment_
- b. Yakov Petrovich Golykadin _The Double_
- c. Prince Myshkin _The Idiot_

30 POINT BONUS

15. Identify the following Roman Catholic religious orders from a brief description (5 each + 5 for all 5):

- a. They took a vow of silence and were not allowed to speak except during worship, to superiors, and to guests.

Answer: _Trappists_

- b. They operate many schools and are known for their resourcefulness in debate, founded in the 16th century. Their motto is "To the greater glory of God".

Answer: _Jesuits_, (_Society of Jesus_)

- c. They were founded in the 13th century and are devoted to poverty, like their founder

Answer: _Franciscans_

- d. Known by the sobriquet "dogs of the lord", they were founded in 1215 and included St. Thomas Aquinas. They were called black friars in England and Jacobins in France. Who are these preaching friars?

Answer: _Dominicans_

- e. The oldest order of monks, founded in the 6th century. They stay in the same monastery for life, and are known for scholarship

Answer: _Benedictines_

30 POINT BONUS

16. Warren G. Harding was elected President in 1920. Answer the following (10 each):

- a. Harding emerged from the Republican nominating convention. According to legend, his name was put forward in a room filled with what gaseous substance?

Answer: _smoke_

- b. Because he was an unknown, he was compared to this animal.

Answer: _a dark horse_

- c. When elected, to the victor went this, a symbol of corruption.

Answer: _spoils_

30 POINT BONUS

17. (15+15)-(10+10)-(5+5) Identify these two men on (15+15)-(10+10)-(5+5) basis (If you name only one of the two, you get half the points, e.g. one correct on the first clue gives you 15 pts)

(15+15) These two men served as Chief of Staff in the White House 36 years apart. Both were governors of New Hampshire, critical to the election of war-hero Republican Presidents.

(10+10) Both left office under a cloud, one for accepting a gift, the other for using government transportation for private use.

(5+5) Name these advisors to Dwight Eisenhower and George Bush.

Answer: _S_herman _Adams, John _Sununu_

30 POINT BONUS

18. The disease AIDS has brought with it numerous acronyms and abbreviations. Never one not to exploit a disease for a question, please identify for what the following stand (FFP + 5 for all five):

- a. AIDS _Acquired Immune Deficiency Syndrome_
- b. HIV _Human Immunodeficiency Virus_
- c. PWA _Persons (People) With AIDS_
- d. AZT _ziduvudine or azidothumidine_
- e. ARC _AIDS Related Complex_

30 POINT BONUS

19. John Lee of the University of Toronto has assigned Greek names to the six dimensions of love. Given the following names, match them to a brief description for five points each. The types are Eros, Ludus, Storge, Pragma, Mania, Agape.

- a. Centered on what they give to a partner instead of what they receive.

Answer: _Agape_ [ah-GAH-pee]

- b. Value love and passion, are self confident, enjoy intimacy and self disclosure

Answer: _Eros_

- c. Desperate and conflicted, yearn intensely for love, but experience pain and jealousy

Answer: _Mania_

- d. Entering a relationship only if it meets certain practical criteria

Answer: _Pragma_

- e. Value friendship, companionship, and reliable affection

Answer: _Storge_ [STOOR-geh]

f. Value the fun and excitement of romantic relationships, especially with multiple partners

Answer: _Ludus_

30 POINT BONUS

20. While William Faulkner is still the most famous of his clan, others with the same surname (or its variants) have also had some notariety. Identify the following Falkners:

a. A Philadelphia policeman, murdered in 1981 by Imo-Jamal ...

Answer: _Daniel_ Falkner

b. A cadet at The Citadel, the first woman there and center of controversy?

Answer: _Shannon_ Falkner

c. Author of The White Rose of Memphis, he was great grandfather of the Nobel Prize-winning author, and was the basis of characters in Sartoris and The Unvanquished.

Answer: _William_ C. Falkner

30 POINT BONUS

21. Chemical and biological experiments must take place in somewhere. Identify the following as in situ, in vivo, or in vitro.

a. Experiments conducted in the actual location of the phenomenon.

Answer: _in situ_

b. Experiments carried out in living animals or humans.

Answer: _in vivo_

c. Experiments carried out in an artificial environment, such as a test tube.

Answer: _in vitro_

30 POINT BONUS

22. Tax rebellions have been a common theme through history. Identify the following (10 each):

a. She rode naked through the streets of Coventry to oppose her husband's imposition of taxes

Answer: _Lady Godiva_

b. Fought between 1775 and 1783, this tax rebellion was ended by the Treaty of Paris

Answer: _United States Revolutionary War_

c. The imposition of this tax in the late 1980's led to the downfall of Margaret Thatcher. Wisely it was prohibited in the U.S. by the 24th Amendment

Answer: _Poll Tax_