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BERKELEY QUESTIONS by David M. Levinson (3)

1. BONUS 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

\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

\Europa\

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

\Ganymede\

(d) This moon has active volcanoes

\Io\

Jupiters Moons BONUS\

2. BONUS 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.

\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.

\Cherry 2000\

\Bad SciFi BONUS\

3. BONUS: 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 as 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

\negative feedback\

(b) compound interest

\positive feedback\

(c) the economic laws of supply and demand for normal goods

\negative feedback\

(d) a long playing record on a turntable

\neither\

(e) economies of scale

\positive feedback\

(f) homeostasis

\negative feedback\

\Feedback BONUS\

4. BONUS 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 bonus for all four correct):

(a) These two created Minnesota's lakes from their footprints

\Paul Bunyan and Babe\

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

\John Henry\

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

\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

\Casey Jones\

\Tall Tales BONUS\

5. BONUS Identify the Shakespeare play and the character who speaks it, from a famous quote they spoke, for ten points each:

(a) We are such stuff as dreams are made on

\The Tempest, Prospero\

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

\Romeo and Juliet, Juliet\

(c) Brutus is an honorable man

\Julius Caesar, Mark Antony\

\Shakespeare quotes 2 BONUS\

6. BONUS 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

\allegro\

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

\andante\

(c) a very slow musical tempo

\adagio\

\tempo BONUS\

7. BONUS 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

\Henry Pu-Yi (1906-67)\

(b) The Last Emperor of Vietnam

\Bao Dai (1913 -)\

(c) The Last Emperor of the Western Roman Empire

\Romulus Augustulus\

\The Last Emperors BONUS\

8. BONUS 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?

\15\

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

\7 trillion, (6.7 is best estimate)\

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

\Austria, Finland, Sweden\

\European Union BONUS\

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

\Farrah Fawcett, Kate Jackson, Jacqlyn Smith, Cheryl Ladd, Tanya Roberts\

10. BONUS 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.

\Tantalus\

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

\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.

\Sisyphus\

\Tortures BONUS\

11. BONUS 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 the 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. FTP Identify the boat

\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 losing the Battle of the River Plate. FTP Identify the boat.

\Graf Spee\

\German Boats BONUS\

12. BONUS 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

\Aesop\

(b) The Ugly Duckling

\Hans Christian Anderson\

(c) Little Red Riding Hood

\Brothers Grimm\

(d) The Princess and the Pea

\Hans Christian Anderson\

(e) The Tortoise and the Hare

\Aesop\

(f) Bluebeard

\Charles Perrault\

\Fairy Tales and Fables BONUS\

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

(a) White

\Conquest\

(b) Red

\War\

(c) Black

\Famine\

(d) Pale

\Plague\

\Four Horsemen BONUS\

14. BONUS 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
\Characters BONUS\

\The Idiot\

15. BONUS 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.

\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"

\Jesuits, Society of Jesus (founded by St. Ignatius of Loyola)\

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

\Franciscans (founded by St. Francis of Assisi)\

(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?

\Dominicans (founded by St. Dominic)\

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

\Benedictines (founded by St. Benedict)\

\Monks BONUS\

16. BONUS 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?

\smoke\

(b) Because he was an unknown, he was compared to this animal?

\a dark horse\

(c) When elected, to the victor went this, a symbol of corruption

\spoils\

\Harding, poli-sci BONUS\

17. BONUS (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?

\Sherman Adams, John Sununu\

18. BONUS The disease AIDS has brought with it numerous acronyms and abbreviations. Never one not to exploit a disease for a bonus 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\

\AIDS Abbreviation Bonus\

19. BONUS John Lee of the University of Toronto has assigned Greek names to the six dimension of love. Given the following names, match them to a brief description (FFP each): The types are Eros, Ludus, Storge, Pragma, Mania, Agape.

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

\Agape\

(b) Value love and passion, are self confident, enjoy intimacy and self disclosure

\Eros\

(c) Desperate and conflicted, Yearn intensely for love, but experience pain and jealousy

\Mania\

(d) Entering a relationship only if it meets certain practical criteria

\Pragma\

(e) Value friendship, companionship, and reliable affection

\Storge\

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

\Ludus\

\Greek Love BONUS\

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

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

\Daniel Falkner\

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

\Shannon Falkner\

(c) Author of The White Rose of Memphis, he was great grandfather of the NP winning author, and was the basis of characters in Sartoris and The Unvanquished

\William C. Falkner\

\Faulkner BONUS\

21. BONUS: 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

\In Situ\

(b) Experiments carried out in living animals or humans

\In Vivo\

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

\In Vitro\

\Location of Experiments BONUS\

22. BONUS 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

\Lady Godiva\

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

\United States Revolutionary War\

(c) The impositions 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

\Poll Tax\

\Tax Rebellion BONUS\