Dr. Seuss/Lorax Tournament Packet

Toss-up Questions

Brigham Young University Blue Team

Edited: 17 January 1992

1. Only one state in the United States has abolished and reinstated the death penalty twice, once from 1915 to 1939, and again from 1977 to 1979. For ten points, identify this state, the birthplace of Tom Brokaw and George McGovern, and the 40th state admitted to the Union.

    Answer: South Dakota.

2. Fiddle-dee-dee! Alexandra Ripley's Scarlett has been criticized for many things, one of which is that the author does not even set much of the novel in the postbellum South. For ten points, to what ancestral country of Scarlett O'Hara does our heroine travel early on?

    Answer: Ireland

3. Oxygen, capital "O", atomic number 8. The essential element in the air that we breathe. Obviously, oxygen has been around as long as life itself has existed, but no one knew exactly what oxygen was until this scientist discovered "The Big Oh" in 1774. For ten points, name this scientist, whose last name is the same as one of the teen idols of Beverly Hills, 90210.

    Answer: Joseph Priestley.

4. This was the year that F.H. Bradley wrote "Ethical Studies," George Sand died, and Tilden got more electoral votes than his opponent in the U.S. Presidential election but his opponent still won anyway. For ten points, what was this year that also saw the centennial of the Declaration of Independence?

    Answer: 1876

5. John Gaw Meem, a licensed engineer who never completed architectural training, gave this city in the Southwestern U.S. its distinctive look. He designed over 150 houses based on his ideas of what old pueblos must have looked like when the early Catholic fathers resided here. He deliberately designed his pueblos with battered adobe and a weathered look for his rich clients who were "Anglos longing to be Navajos". FTP name this city that has Meem's distinctive look and was also well-loved by American Artist Georgia O'Keefe.

    Answer: **Santa Fe**, N.M.

6. The first character to talk in Robert Bolt's play *A Man for All Seasons* is not Sir Thomas More, King Henry the Eighth, Richard Rich, or indeed any of the speaking characters seen in the movie. This Character, first portrayed by George Rose in 1961, initiates the action by announcing, "It is perverse! To start a play made of kings and cardinals in speaking costumes and intellectuals with embroidered mouths, with me." He is described by Bolt himself as, "... the most notorious of the alienation devices, an actor who addresses the audience and comments on the action." FTP, name this John Doe/Joe Blow character.

    Answer: the **Common Man**

7. The last name's the same: the Baseball hall of famer who batted over 400 four consecutive years in the twenties, or the modern-day music star whose back-up group is called the Range. FTP, what's the last name?

    Answer (Rogers or Bruce) **Hornsby**

8. Assuming the name "Robert Shurtleff," this former indentured servant enlisted in the Continental Army in 1782 and became the only woman to serve formally in the Revolution. Although fellow soldiers nicknamed her "Molly" because of her hairless face, she managed to maintain her disguise while fighting for the Fourth Massachusetts until a bout of fever revealed her identity in 1783, at which point she was discharged, though given a small military pension. FTP, name this female pioneer.

    Answer: Deborah **Sampson**

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9. Set in a small Spanish train junction between Barcelona and Madrid, this short story relates the dialogue between a man and his girlfriend. The discussion centers on the man's desire for his girlfriend to obtain an abortion, and focuses on issues including honesty, decency, sincerity, and responsibility. For ten points, name this Ernest Hemingway short story whose title refers to the pale slopes of the Ebro valley.

    Answer: **Hills Like White Elephants**

10. In the early 1900's, he studied the effect of an electric field on charged droplets of oil falling freely under gravity. By 1912, he discovered that the charge on the droplet always equalled a whole multiple of a certain basic quantity of charge. FTP, identify this physicist who won a Nobel Prize in Physics in 1923 for determining the charge of an electron.

    Answer: Robert **Milliken**

11. All right periodic table fans, this one's for you. FTP, what is the atomic number of the element named for the Greek word for hidden?

    Answer: **36** (krypton, from Greek "Kryptos")

12. This word did not appear in the *Webster's New World Dictionary* until 1980. Formerly it was simply slang for a rope with a hook on each end for tying down bundles. In the mid-1980s, the Dangerous Sports Club of England began to use them as safety devices for jumping off bridges or catapulting with cranes. Use of these has become the rage sport of the 1990s, and they are used with hot air balloons and towers as well as more traditional jumps. FTP name the unusual word associated with this new daredevil fad.

    Answer: **Bungee** Cord

13. ~~It's equal to the product of the de Broglie wavelength and the momentum of a particle, or,~~ In Heisenberg's equations, it's equal to the product of the uncertainties of position and momentum. It shows up in practically every equation used in quantum mechanics; it's equal to 6.63 times 10 to the negative 34th power joule seconds, and its symbol is a lowercase h. FTP, name this constant.

    Answer: the Planck constant

14. It was founded in 1865 by William Booth, a Nottingham pawnbroker, as the Christian Revival Association. It changed its name to its present one in 1878, and in 1934 Evangeline Booth, daughter of the founder, was elected General of the organization. For ten points, what is this militaristic aider of the needy and unfortunate?

    Answer: The Salvation Army

15. If you have a difficult time answering this question, it may be because you have a cold causing your respiratory tract to secrete thick, stringy mucous that makes it difficult to speak. In other words, you may have a phlegm [flem] in your throat. FTP, spell phlegm.

    Answer: P-H-L-E-G-M

16. Bountiful, Junction, Providence, Hurricane, Tabiona, Hyrum, Snowville, Delta, Richfield, Vernal, Logan, Ogden. For ten points, name the state which contains all of these cities.

    Answer: UTAH.

17. This late style of baroque art, architecture, and interior decorating originated in France during the first quarter of the 18th century. Freedom, delicacy in form and ornament, and even a certain frivolity in subject matter characterize this style. FTP, identify this style, a term now used for any excessively ornamental style.

    Answer: Rococo

18. "Romans, countrymen, and lovers, hear me for my cause, and be silent, that you may hear. . . Not that I loved Caesar less, but that I loved Rome more. Had you rather Caesar were living, and die all slaves, than that Caesar were dead, to live all free men?" Later in Shakespeare's Julius Caesar, the character who speaks these lines commits suicide. His hand clutched one of the murderous knives at Caesar's assassination. For ten points, name this character described as "the noblest Roman of them all."

    Answer: Marcus Brutus.

19. This Bay area band burst onto the rock scene in 1977 with their **Infinity** album. Since then, they have achieved superstar status with such hits as **Any Way You Want It** and **Don't Stop Believin'**. For ten points, name this group, whose members include Neil Schon and Steve Perry.

    Answer: Journey.

20. Jackie Robinson in 1947, Roy Sievers in 1949, Wally Moon in 1954, Tony Kubek in 1957, Pete Rose in 1963, Lou Piniella in 1969, Darryl Strawberry in 1983, Dwight Gooden in 1984, and Greg Olson in 1989, FTP, what prestigious baseball recognition and award did these men all receive in these years?

    Answer: Rookie of the Year

21. Called "Coach K" by his players, Mike Krzyzewski (pronounced sha-shev-skee) led his Duke University Blue Devils to ultimate victory in the NCAA Tournament in 1991. In doing so, Coach K accomplished the nearly impossible task of defeating the UNLV Runnin' Rebels. FTP, can you perform the equally difficult task of spelling Coach K's convoluted surname?

    Answer: K-R-Z-Y-Z-E-W-S-K-I

22. When President Bush stopped at Australia during his recent trip to Asia, the Prime Minister he was met by was not Bob Hawke, who had won four elections as longtime head of the Labor party, but by the man who but who a few days earlier defeated Hawke as party leader. FTP, who was this victor and neophyte PM?

Answer: Paul Keating

23. This twentieth-century writer claimed that the so-called "free" institutions and "democratic" processes were actually used to limit freedom and disguise exploitation. According to him, within this totalitarianism, only those "outside the productive process," minorities such as students, the unemployed, and African-Americans, would have the revolutionary energy to change society. He further argued that people should use radical means such as ridicule, obscenity, and even drugs to escape the System which imprisoned them in both a moral and mental rut. FTP, identify this sociologist, perhaps best known for his critique of modern western society in *One Dimensional Man* (1965).

Answer: Herbert Marcuse [mar-coo-zuh]

24. Acetylene, the simplest alkyne, has a triple bond and a simple formula. For a quick ten points, spell out the formula.

Answer: C_2H_2

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Bonus Questions

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1. (20 pts.)   Its main characters include a German scientist, an American engineer, a fundamentalist Christian minister out for money, and a bunch of guys known as the "Solid Six." For twenty points, what is the name of this James Michener epic?

    Answer: Space

2. (20 pts.) If you were a President during the 19th and early 20th century seeing him was bad news.   That's because he managed to be around when both James Garfield in 1881 and William McKinley in 1901 were assassinated.   However, this former president of the Pullman Company was quite familiar with tragedy in his own family, as his own father had been the first president to be murdered while in office.   For twenty points, what was the name (first and last) of this man?

    Answer: Robert Todd Lincoln

3. (30 points) First, write down the multiples of 8 between 1 and 50.   Now, for 5 point each, 30 points total, name the six elements from the periodic table whose atomic numbers match these multiples of 8.   You have ten seconds.

    Answer: 8 -- Oxygen   32 -- Germanium
                 16 -- Sulfur   40 -- Zirconium
                 24 -- Chromium   48 -- Cadmium

4. (25 pts.)   Time for a Chinese social science question. Starting from the Ming dynasty, an apparent caste system began to develop among the Chinese, though certainly not to the degree the people of India adopted.   Among commoners, there were four basic categories. For five points each, put them in order of most honorable to least. You get an extra five points if you get all correct.   The four categories are: merchants, scholars, artisans, and peasants.

    Answer: Scholars, Peasants, Artisans, and Merchants
            Readers note: the capitalized letters spell SPAM.

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5. (25 points) This museum was built to resemble a Roman villa near the Bay of Naples. It's founder, after whom the Museum was named, thought the seacoast near Santa Monica, California reminded him of the scenery near Naples and built this museum for the express purpose of housing artifacts from ancient Greece and Rome. It rests on a hill overlooking the Pacific Ocean between Santa Monica and Malibu and besides the classical collection contains many famous paintings such as Van Gogh's Irises. For 25 points name the museum.

Answer: The J. Paul Getty Museum

6. (30 pts) Do you know your cities with populations over one million? These cities aren't even close --- to each other that is. Given a list of six cities with populations over one million, list them in north to south order, five points each. The cities are: Minneapolis, Baltimore, Buffalo, Phoenix, Indianapolis, Denver, and Sacramento.

Answer: Buffalo, Minneapolis, Sacramento, Denver, Indianapolis, Phoenix

7. (20 pts) They were the first pro football team to have an official team insignia put on their uniforms. They no longer exist, though Hall of Famer Ernie Nevers both played for and coached this northern mid-west team. For 20 points, name either the team or the city where this team played.

Answer: Duluth Eskimos

8. (30 pts.) For five points apiece and a total of thirty points for all correct, identify any six of the Seven Ancient Wonders of the World.

Answer: (any six of the following seven will suffice)
1. The Pyramids of Egypt
2. The Hanging Gardens of Babylon
3. The Statue of Zeus as Olympia
4. The Temple of Artemis at Ephesus
5. The Mausoleum at Halicarnassus
6. The Colossus of Rhodes
7. The Pharos/Lighthouse at Alexandria

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9. (30 pts.) In the history of the Tony awards, only three plays have swept all three major awards; best play, best actor, and best actress. You will get the chance to name the three plays. First, you will be given the year of the awards. If you get it based solely on the year, you get ten points for that play. If you need the name of the best actor and best actress, you only get five points for a correct answer. Good luck!

a) Year: 1963   Actor: Arthur Hill
                       Actress: Uta Hagen
Answer: Who's Afraid of Virginia Woolf?

b) Year: 1980   Actor: John Rubenstein
                       Actress: Phyllis Frelich
Answer: Children of a Lesser God

c) Year: 1984   Actor: Jeremy Irons
                       Actress: Glenn Close
Answer: The Real Thing

10. (30 pts.) For ten points apiece, from a brief description, correctly identify the following laws or principles of physics:

1) Two particles of a certain class that are essentially the same cannot occupy the same exact state.

Answer: Pauli's Exclusion Principle

2) Heat in a closed system can never travel from a low temperature region to one of higher temperature in a self-sustaining process.

Answer: the Second Law of Thermodynamics

3) Electric current is directly proportional to the potential difference and inversely proportional to resistance.

Answer: Ohm's Law (accept Ohm's Principle as well)

11. (30 pts.) Let's talk constellations. I'll give you the name of a constellation, you give the shape they are traditionally considered to form, five points each. As an example, If I said Ursa Major, you would answer "bear."

    a) Delphinus   **Dolphin**
    b) Circinus   **Compass**
    c) Cygnus   **Swan**
    d) Camelopardalis   **Giraffe**
    e) Cetus   **Whale**
    f) Lacerta   **Lizard**

12. (25 pts.) For 25 points, identify this renowned Italian educator. Living from 1870 to 1952, she advocated "free discipline," with children moving naturally about their tasks, and the provision of simple but stimulating teaching apparatus. She was the first female graduate of Rome University, where she lectured from 1900 to 1907. Following the ideas of E. Seguin, she taught backward children to read and write.

Answer: Maria **Montessori**

13. (30 pts) There is a saying that if one offends God one might be struck by lightening. However, in the Old Testament there is no mention of people being destroyed in this manner. You"ll receive 10 points each for explaining how each of the following met with death.

a) Samson
Answer: He pushed out the columns and the **building fell on him.**

        accept equivalents

b) The Youth which said to Elijah, "Go up thou Bald head"
Answer: He was eaten **by a bear**

c) Lot's Wife
Answer: Turned into a **Pillar of Salt**

14. (25 pts.) Ask anyone which country is the world's most populous, and China is answer you would most likely get. But will it be number one in the year 2050? for five points each, based on current population projection, name in order the five countries that should be the most populous by the year 2050. Note: the list did include the Soviet Union, but because recent events make including it iffy, it is not an answer in this bonus.

    Answer: <u>India, China, Nigeria, Pakistan, Brazil</u>

15. (30 pts.) There is still some discussion as to whether or not Greenland should be considered an island or a continent. Since that question is still up in the air, don't count greenland in your answer to this question. Simply put, for five points each, name the six largest islands in the world. Order is not important, though the reader will give the answer in order when you are done.

    Answer: <u>New Guinea, Borneo, Madagascar, Baffin</u> (Canada), <u>Sumatra, and Honshu</u> (Japan)

16. (30 pts.) I want my MTV! If so, you're going to have to subscribe to a cable TV service just like the rest of us. But MTV isn't the only offering in demand. You will be given a list of the six most popular cable TV networks based on nationwide subscribership. For your thirty points, simply put them in order from most subscribers to the least. The networks are: Nickelodeon, MTV, ESPN, CNN, USA Network, and Superstation TBS.

    Answer: <u>ESPN, CNN, Superstation TBS, USA Network, Nickelodeon, MTV.</u>

17. (20 Pts.)   During the second era of Colonialism, France exerted its control over a large area of Southeast Asia and named it French Indochina because it was between India and China.   French Indochina had five provinces but three countries now occupy the former colony.   For five points each and an extra five for naming all three, what three countries?

    Answer: Laos, Cambodia, and Vietnam

18. (20 points) For 5 points each, given the mountain, identify which mountain range it is contained in.

    A.   Mt. Everest -- Himalayas
    B.   Mt. Aconcogua -- Andes
    C.   K2 (Godwin Austen) -- Karakoram
    D.   Mt. Saint Helens -- Cascades

19. (30 points) The Police provided the music world of the late 1970's and 1980's with such albums as **Zenyatta Mondatta** and **Synchronicity**, and great hits like King of Pain, Roxanne, and Don't Stand So Close To Me. For ten points each, name the three musicians who comprised the Police.

    Answer: Sting (accept Gordon Sumner), Andy Summers, and Stewart Copeland.

20. (25 pts.)   For a full 25 points, identify this French filmmaker. Born in 1930, he started out as a critic but then made five short films before directing his first feature, Breathless, in 1959.   From this film's unconventional fusion of the cynical, the poignant, and the tragic, he emerged as cinema's most effective exponent of the existentialist attitudes of the late 1950's.   In subsequent films, usually low-budget and freely improvised while shooting, this director used film as a medium for an evolving personal vision of contemporary life.   In films like La Chinoise [lah shee-nwaz] (1967), Tout va bien [too vah-byen] (1972), and Ici et ailleurs [ee-see ay i-yer] (1977), he became anti-narrative and even anti-cinematic, as his original political stance evolved through anarchism into a committed political radicalism tinged with nihilism. Identify this French film great, for 25 points.

    Answer: Jean-Luc Godard [jzon luke go-darr]

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21. (25 pts.) You will want paper and something to write with for this problem, and you will have ten seconds to answer. Consider: Bob the dog is lying outside his doghouse one day, when he spies Beth the cat tanning herself in the noonday sun. As Bob has not had good cat in several days he is quite hungry, with his hunger factor $h=2$. Since Beth does not want to be eaten, her fear factor $f=2$ as well. Bob and Beth see each other and start moving at the same instant. If Bob's velocity is calculated $v=5h$, while Beth's velocity is calculated by $v=3f$, and Beth is 20 feet from Bob, in how many seconds will Bob catch Beth?

Answer: 2.5 seconds

22. (30 pts.) For ten points each, correctly identify the following Nobel Prize winning scientists from a quote from the speech that named them. If you need the year as a hint, you'll only get five points per correct answer.

a) "for his investigations into the disintegration of the elements and the chemistry of radioactive substances."

Year: 1908   answer: Ernest Rutherford

b) "for his discovery of human blood groups."

Year: 1930   Answer: Karl Landsteiner

c) "for his discovery of the quantized Hall effect."

Year: 1985   Answer: Klaus Von Klitzing

23. (25 points) For five points each, given the country, name its head of state.

a) Egypt   Answer: Mohammed Hosni Mubarek
b) Iran   Answer: Ali-Akbar Hahsemi Rafsanjani
c) Morocco   Answer: King Hassan II (not Hussein)
d) Japan (prime minister)   Answer: Kiichi Miyazawa
e) Mexico   Answer: Carlos Salinas de Gortari

24. (30 pts.) 30-20-10, name the director.

a)   The films Vincent and Franken-wienie.
b)   Pee-Wee's Big Adventure and Big Top Pee-Wee.
c)   Beetlejuice, Batman, and Edward Scissorhands.

Answer: Timothy Burton