Tossups by The Ghost of Elvis Yet to Come

(Mark Zimmer, Eric Reehl, Steve Watchorn)

1. The conversion of oxalaocetic [ox-AL-ay-oh-SEE-tick] acid and CoA [cee-oh-AY] produces, eventually, seven intermediate compounds, including succinic, malic and fumaric acid. The hydrogen ions released during this stage are used in phosphorylation, which immediately follows this process, while the carbon dioxide produced is carried away by the blood as an end product of the breakdown of glycogen to lactic acid; this process, following glycolysis and preceding phosphorylation, is the middle step in that breakdown. For 10 points—name this process, named for an English biologist, which consumes and then produces again the substance which gives it one of its common names.

answer: The <u>Krebs</u> Cycle or the <u>Citric Acid</u> Cycle or the <u>Tricarboxylic Acid</u> or <u>TCA</u> Cycle

2. He started off as a Marxist novelist, with such works as the novel *A Violent Life*. He turned to film, making *Accatone* [ock-a-TOE-nay] and *Oedipus Rex* in the 1960's. His life ended violently in 1975, when he was murdered under mysterious circumstances. For 10 points—who was this Italian director of erotic adaptations of *The Arabian Nights*, *The Decameron* and *The Canterbury Tales*?

answer: Pier Paolo <u>Pasolini</u>

3. At one point, he was physically attacked by St. Paul in the Temple of Jerusalem. He was the leader of the early Christian church in Jerusalem, but was often in conflict with Paul over doctrinal matters such as the importance of faith vs. works. For 10 points—who was this brother of Jesus, usually surnamed as "the Just"?

answer: <u>James</u>

4. In 1794, long after the end of the Revolutionary War, the British were still causing trouble for the United States. The British gave money and arms to the Miami warrior Little Turtle to support his attacks on Americans in what is now Ohio. In response President Washington raised a new army called the Legion of the United States, which was commanded by General "Mad" Anthony Wayne. The Legion marched into the Ohio wilderness and defeated the Indians at—for 10 points—what battle at the rapids of the Maumee River?

answer: Battle of <u>Fallen Timbers</u>

5. This two-word phrase is one of the many things limited by the Fifth Amendment to the Constitution. It cannot be undertaken without just compensation. For 10 points—what is this phrase referring to the government's power to seize private property for public purposes?

answer: <u>Eminent domain</u>

6. An Ishpeming, Michigan native, he served as chariman of the U.S. Atomic Energy Commission from 1961-71. He worked at the University of Chicago during World War II, and won the 1959 Enrico Fermi Prize, as well as the 1951 Nobel Prize, with Edwin McMillan, largely on the strength of his co-discovery of americium, curium, berkelium, californium, einsteinium, fermium, mendelevium and nobelium. For 10 points—name this physicist and chemist, closely associated with the discovery and production of plutonium and other trans-uranium elements.

answer: Glenn Theodore <u>Seaborg</u>

7. He persuades a woman committed to an unenviable marriage to dance one last dance, during which he swings her into the saddle and makes off with her. For 10 points—who is this Highlander hero of Scott's *Marmion*, described as a young man who "is come out of the West"?

answer: Lochinvar

8. A kind of goldfish. A character in Faulkner's *Sanctuary*. A hero created by E.C. Segar in *Thimble Theater*. For a quick 10 points—what's the common name—which might be involved with either Temple Drake or Olive Oyl?

answer: Popeye

9. He was the Chief of Operations of the U.S. Army in France during World War I. After the war he served in various positions within the army until he became Army Chief of Staff in 1939, a position he held until he retired in 1945. President Truman brought him back to the government by naming him to his cabinet in 1947. For 10 points—name this American Secretary of State who won the 1953 Nobel Peace Prize for initiating the plan for economic assistance to Europe which bears his name.

answer: George C(atlett) Marshall

10. Born in Paris in 1834, this artist is known for his skillful drawing and innovative composition. His portraits were often painted in natural and spontaneous poses, although his favorite subjects for paintings included racecourses, theaters, cafes, and music halls. For 10 points—name this French Impressionist, some of whose best known works include *The Rehearsal*, *Four Dancers*, and *The Glass of Absinthe*.

answer: (Hilaire German) Edgar Degas

11. His girlfriend is named Gidget. When he sees a certain poster, his reaction is, "I am there." At the drive-through, he orders "One thousand burrito supremes, seven hundred Mexican pizzas and a taco supreme." But his most famous quote is probably "Yo quiero Taco Bell." For 10 points—what is the name of the ubiquitous chihuahua in the Taco Bell ads?

answer: Dinky (prompt for more specific on "the Taco Bell dog.")

12. It is gray to green in color, and notable for its high degree of resistance to acids and heat. Composed primarily of talc, it is used in the manufacture of laboratory table tops, laundry tubs, and kitchen sinks. For 10 points—name this slick metamorphic rock, popular for sculpting because it is so soft that it can easily be cut with a knife.

answer: steatite or soapstone

13. He first came to fame with his 1928 collection of ballads, *Romancero Gitano*. His *Poet in New York* is full of forebodings of death. Tragic death was a foremost theme of his work, such as *Lament for the Death of a Bullfighter*. For 10 points—who was this poet and playwright of *Blood Wedding* and the *House of Bernarda Alba*, who was himself brutally shot by the Falange in the Spanisb Civil War?

answer: Federico Garcia Lorca

14. When it is created in 1999, it will consist of about 2 million square kilometers of mostly flat tundra. It will consist of the central and eastern parts of the current Northwest Territories, including Baffin and Ellesmere Islands. For 10 points—name this new Canadian Territory and homeland for the Inuit people.

answer: <u>Nunavut</u>

15.   This book contains a few short narrative passages, but is primarily concerned with instructions for sacrificial ritual, rules of conduct, and penalties. Traditionally ascribed to Moses, it was probably written about 475 BC. For 10 points—what is this Biblical compendium of Jewish law, named after the Israelites' priestly tribe?

answer: <u>Leviticus</u>

16.   His creative output was severely curtailed for years when he was named guardian for his nephew. However, once the boy was packed off to school, work could resume in earnest on the massive *Mass in D* and *Symphony in D minor*. Although best known in his youth for his piano virtuosity, he stopped performing about 1815, and didn't write any pieces for the piano at all during the last ten years of his life. For 10 points—who was this composer of the *Razoumovsky Quartets* and the *Missa Solemnis*?

answer: Ludwig van <u>Beethoven</u>

17.   The first scientist to isolate aluminum, he was a professor at Copenhagen after 1806. A C-G-S unit of magnetic field strength is named for him. For 10 points—name this physicist and chemist, who began the association of electricity and magnetism with his 1819 discovery that a compass is deflected at right angles to a wire carrying electric current.

answer: Hans Christian <u>Oersted</u>

18.   "Wonderful! Marvelous!" in the Hallelujah Chorus is an instance of the use of them. Another example is the beginning of *Evangeline*, "This is the forest primeval." For 10 points—what is this metrical foot of prosody, consisting of three syllables, of which only the first is accented?

answer: <u>dactyl</u>

19.   He was removed for cruelty and corruption, including deposition of the zamindar of Benares and the seizure of the treasures of the begum of Oudh. Although his trial is famous, he was in fact acquitted. For 10 points—who was this English governor general in India, whose impeachment was the subject of an important essay by Macaulay?

answer: Warren <u>Hastings</u>

20.   It is the 5th proposition of Book I of *Elements*. This two-word Latin term describes the first difficult theorem in Euclid. For 10 points—what is this proverbially difficult obstacle in classical mathematics, which means literally "the asses' bridge"?

answer: <u>Pons Asinorum</u> (accept the <u>Asses' Bridge</u> on early buzz)

21.   In 1858 he was appointed territorial governor of Kansas. That same year, gold was discovered on the South Platte River, and sparked a gold rush. Temporary settlements nearby developed into the towns of Auraria and Saint Charles. Eventually the two towns combined, incorporated and took the name of the territorial governor, who had been instrumental in separating Colorado from Kansas. For 10 points—name this man, whose namesake city became the territorial capital and whose prosperity was a mile high.

answer: James William <u>Denver</u>

22.   The Greeks knew him as Harpocrates, and portrayed him as a child with his finger in his mouth. One of the solar deities of Egypt, his emblem was a winged sun disk. For 10 points—who was this Egyptian god of silence, son of Isis and Osiris, usually depicted as a hawk-headed man?

answer: <u>Horus</u>

Bonuses by The Ghost of Elvis Yet to Come

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(all bonuses worth 30 points)

1. Browning's "Rabbi Ben Ezra" is a familiar poem on old age, first published in *Dramatis Personae*. For 10 points each—

A. Give the first line of this poem.

answer: <u>Grow old along with me!</u>

B. Give the second line.

answer: <u>The best is yet to be</u>

C. And now, give the third line.

answer: <u>The last of life, for which the first was made.</u>

2. Identify the composers of the following ethnic pieces, for 5 points each:

A.	*Slavonic Dances*	answer:	Antonin <u>Dvorak</u>
B.	*21 Hungarian Rhapsodies*	answer:	Franz <u>Liszt</u>
C.	*German Requiem*	answer:	Johannes <u>Brahms</u>
D.	*Italian Symphony*	answer:	Felix <u>Mendelssohn</u>-Bartholdy
E.	*Cappriccio Espagnol*	answer:	Nikolai <u>Rimsky-Korsakov</u>
F.	*Polovetsian Dances*	answer:	Aleksandr <u>Borodin</u>

3. Nikita Khrushchev was forced from power in 1964. For 10 points each—name these Soviet leaders involved in the struggle to succeed Khrushchev:

A.	President of the Soviet Union	answer:	Nikolai <u>Podgorny</u>
B.	Premier of the USSR	answer:	Aleksey <u>Kosygin</u>
C.	General Secretary of the Soviet Communist Party	answer:	Leonid <u>Brezhnev</u>

4. Boris Karloff was the most familiar Frankenstein's Monster, but there were plenty of others. For 10 points each—given the film, identify the actor playing the Monster.

A. *Frankenstein Meets the Wolfman*

answer: Bela <u>Lugosi</u>

B. *House of Frankenstein* and *Abbott & Costello Meet Frankenstein*

answer: Glenn <u>Strange</u>

C. *Curse of Frankenstein*

answer: Christopher <u>Lee</u>

5. 5 points each for the first three, 10 points for the fourth, and a 5 point bonus for putting them in the order that Gulliver went to them—identify the four lands visited in *Gulliver's Travels*.

answer: <u>Lilliput</u>, <u>Brobdingnag</u>, <u>Laputa</u> and <u>Houyhnhmland</u> [Whinnim-land]

6. The Secretary of Energy's recent resignation has caused changes in President Clinton's cabinet. For 10 points each—name:

A. The current Secretary of Energy who has announced his resignation. He previously served as Secretary of Transportation during Clinton's first term.

answer: Federico <u>Peña</u>

B. Peña's replacement at the Department of Energy, the current Ambassador to the United Nations, who previously served as a Congressman from New Mexico.

answer: Bill <u>Richardson</u>

C. Richardson's replacement as Ambassador to the UN. He was an Assistant Secretary of State until 1996, and is best known for his work in the Balkans.

answer: Richard <u>Holbrooke</u>

7 . Historian Stephen E. Ambrose has written many books in his career, but his last three books have all been bestsellers. For 10 points each—name the Ambrose book from its synopsis.

A. Ambrose's account of the Normandy invasion in World War II.

answer: <u>D-Day</u> June 6, 1944: The Climactic Battle of World War II

B. The sequel to *D-Day*, it is the story of the U.S. Army in Europe in 1944 and 1945.

answer: <u>Citizen Soldiers</u>: The U.S. Army from the Normandy Beaches to the Bulge to the Surrender of Germany, June 7, 1944-May 7, 1945

C. The story of the Lewis and Clark expedition.

answer: <u>Undaunted Courage</u>: Meriwether Lewis, Thomas Jefferson, and the Opening of the American West

8. Identify the basic statistical distribution, with a hypenated name, which deals with each of the following classes of particle, for 10 points each:

A. Indistinguishable particles of which only two can occupy a given energy state.

answer: <u>Fermi-Dirac</u> Distribution

B. Distinguishable particles for which there is no limit to how many may occupy a given energy state.

answer: <u>Maxwell-Boltzmann</u> Distribution

C.   Indistinguishable particles for which there is no limit to how many may occupy a given energy state.

answer: <u>Bose-Einstein</u> Distribution

9.   We don't know yet who will win the 1998 World Cup Soccer finals since they are being played tomorrow. So let's relive the past. For 10 points each—what country:

A.   Was runner-up to Brazil in the last World Cup final, in 1994?

answer: <u>Italy</u>

B.   Won the first World Cup, in 1930, playing at home in South America?

answer: <u>Uruguay</u>

C.   Is the only country to have competed in all 16 World Cup tournaments held to date?

answer: <u>Brazil</u>

10.   For 5 points each—identify the six novels which make up the trilogies *USA* and *District of Columbia* by John dos Passos.

answer: The <u>42nd Parallel</u>, <u>1919</u>, The <u>Big Money</u>, <u>Adventure of a Young Man</u>, <u>Number One,</u> The <u>Grand Design</u>

11.   30-20-10.   Identify the psychoanalyst from his writings.

A.   *Modern Education*, and *Will Therapy*
B.   *The Trauma of Birth*, and *Art and Artist*
C.   *Myth of the Birth of the Hero*

answer: Otto <u>Rank</u>

12.   Identify the following concepts from Hinduism, for 10 points each:

A.   The absolute reality that is the self of all things

answer: <u>Brahman</u>

B.   The individual soul

answer: <u>Atman</u>

C.   The goal of liberation from suffering and from the compulsion to rebirth

answer: <u>moksha</u> or <u>mukti</u>

13.   Given the name of a well-known American Indian, name the tribe of which he was a member, for 5 points each.

A.   Sitting Bull   answer: (Hunkpapa, Teton) <u>Sioux</u> or <u>Dakota</u> or <u>Lakota</u>
B.   Chief Joseph   answer: <u>Nez Perce</u>

C.	Geronimo	answer:	(Chiricahua) Apache
D.	Osceola	answer:	Seminole
E.	Tecumseh	answer:	Shawnee
F.	Cochise	answer:	(Chiricahua) Apache

14. Identify the following related terms from biology, for 10 points each:

A.   An aggregate of cells that are similar in form and function, and the intercellular substances produced by them.

answer: tissue

B.   The study of the structure of tissues.

answer: histology

C.   General name for those tissues, such as xylem and phloem in plants, which work to conduct substances through an organism.

answer: vascular tissues

15. For 10 points each—given the cities, identify the river that links them.

A.	Liege, Namur, and Sedan	answer:	Meuse or Maas
B.	Avignon, Lyons, and Arles	answer:	Rhone
C.	Rostov, Tula, and Voronezh	answer:	Don

16. For 5 points each—given two album titles, name the band which created them. They are all grunge bands, and yes they are all from Seattle.

A.	*Badmotorfinger* and *Superunknown*	answer:	Soundgarden
B.	*Bleach* and *Nevermind*	answer:	Nirvana
C.	*Ten* and *Yield*	answer:	Pearl Jam
D.	*Piece of Cake* and *My Brother the Cow*	answer:	Mudhoney
E.	*Dirt* and *Jar of Flies*	answer:	Alice in Chains
F.	*Saltlick* and *Inhaler*	answer:	Tad

17. Identify the short Dostoevsky novel from the characters, for 10 points each.

A.	the clerk Devushkin and Varvara Dobroselva	answer:	Poor Folk or Bednye lyudi
B.	Yakov Petrovich Golyadkin—two of them	answer:	The Double or Dvoinik
C.	Aleksey Ivanovich and Polina	answer:	The Gambler or Igrok

18. Over the next three years the NHL will expand by 4 teams.

A.   Give the team names selected for those 4 teams, for 5 points each.

answer: Nashville Predators, Minnesota Wild, Atlanta Thrashers, Columbus Blue Jackets

B.   The last time the NHL expanded was in 1993. Name the 2 expansion teams that year, for 5 points each.

answer: <u>Anaheim</u> <u>Mighty</u> <u>Ducks</u> , <u>Florida</u> <u>Panthers</u> (accept either name)

19. In the last two years several very long novels have become bestsellers. Given the title of a recent tome, name its author, for 10 points each.

A. *Infinite Jest*   answer: David Foster <u>Wallace</u>
B. *Mason & Dixon*   answer: Thomas <u>Pynchon</u>
C. *Underworld*   answer: Don <u>DeLillo</u>

20. Identify these terms from philately, for 10 points each:

A. The thin border of paper on the outside of a sheet of stamps, usually mostly blank.

answer: <u>selvage</u>

B. The French term for two connected stamps which are oriented in direct opposition.

answer: <u>tete-beche</u>

C. Two-word term for four (or sometimes six) stamps joined together, with a plate number appearing in the selvage.

answer: <u>plate block</u>

21. For the stated number of points—state the law of chemistry illustrated by each of the following examples:

A. For 5 points—a gas which fills a volume V at pressure P fills a volume of one-third V at three times P if the temperature stays constant.

answer: <u>Boyle</u>'s Law

B. For 5 points—one volume of gaseous nitrogen combined with three volumes of gaseous hydrogen produces two volumes of gaseous ammonia.

answer: <u>Gay-Lussac</u>'s Law

C. For 10 points—hydrogen diffuses four times as rapidly as oxygen because it is one-quarter of oxygen's molecular weight.

answer: <u>Graham</u>'s Law

D. For 10 points—if one gram of a gas dissolves in one liter of water at one atmosphere of pressure, and does not react chemically with the water, then five grams of the gas will dissolve in one liter of water at five atmospheres of pressure.

answer: <u>Henry</u>'s Law

22. The poem popularly known as "The Heathen Chinee" was actually given a different name by the author.

A. For 10 points each—give the proper name and the poet.

answer: <u>Plain Language from Truthful James</u>, Bret <u>Harte</u>

B.   For an additional 10 points—name the Chinese gentleman of the poem with 24 jacks up his sleeve.

answer: <u>Ah Sin</u>