

Questions for Penn Bowl 007 by Brigham Young University (Earl Cahill, Ken Jennings, Dave Sims, Nephi Thompson)

Toss-ups

(Miscellaneous)

1. The light went all the way down to the bottom of a well in Syene, which is now Aswan. Approximately 787 kilometers due north, the angle of inclination of the sun's rays in a well was about 7.2 degrees. FTP, who, around 230 BC, from Alexandria, is given credit for using this data to determine the diameter and circumference of the earth?

Answer: ERATOSTHENES

(Literature)

2. His brother Leonard was killed in the South African War, likely due to the incompetence of a certain General who his father had the distinct displeasure of serving, and yet his father acted with dignity. It is this dignity that this man strove for throughout his career at Darlington Hall, first for Lord Darlington and then later for a retired American senator. FTP, name this man who appealed to "dignity" in overlooking Lord Darlington's anti-semiticism and perhaps due to "dignity" did not ever ask Miss Kenton, to marry him for the Remains of the Day.

Answer: Mr STEVENS

(Sports)

3. A New York City sports-radio talk-show host has named his firstborn son Shea after the stadium where the Mets play their home games; according to a recent survey by Boating magazine, a married boat owner is more likely to carry a wallet photograph of his boat than of his spouse or children; and a Wisconsin company is marketing--for \$395 plus \$25 for shipping and handling--a limited edition nine-inch Hydrastone sculpture that "captures the image and memory of Green Bay Packers coach Mike Holmgren riding to practice on a Harley Davidson," are all, FTP, signs that what is upon us, according to Sports Illustrated.

Answer: APOCALYPSE (accept Signs that the Apocalypse is Upon Us or This Week's Signs that the Apocalypse is Upon Us) (prompt on early Sports Illustrated buzz)

(Literature - Philosophy)

4. After surviving Vico in the Next Generation, and having his parents die in 2368, Timothy was diagnosed as suffering from this. In My Best Friend's Wedding Julia Roberts wants to break up the wedding, but the exact opposite occurs. Stalin claimed to want more civil liberties for the Soviet people, but through his actions the exact opposite occurred and more civil liberties were taken away. FTP, what term describes all these situations, explicated by Jung as the emergence of the unconscious opposite in the course of time, which literally means conversion into the opposite.

Answer: enantiodromia

(Current Events)

5. Don Burton, and his more famous wife, recently had their first child, Taylor Baxter Burton, but there is no word yet on whether or not he is a Warchild. Taylor's mother has spent the last few months in the studio recording new material for her band's fourth album, recorded on Island Records. Fergal Lawlor, drummer in her band was recently married, guitarist Noel Hogan was already married and that just leaves bassist Mike Hogan as the only single member of the band. FTP, give the name of the driving force behind Everybody Else is Doing it So Why Can't I, No Need to Argue and To the Faithful Departed, lead singer of the Cranberries.

Answer: Dolores O'RIORDAN

(Religion)

6. The name's the same. In the Koran, the third one is titled the Family of Imran, and the Koran contains 114 of them. Number three is also worn by this player, who left Florida State as their all-time leading scorer with 2,130 points and second in steals to Charlie Ward. FTP name either the Koran's equivalent of a chapter or the player that was drafted with the seventeenth pick in the 1995 draft by the Cleveland Cavaliers.

Answer: SURA

(Fine Arts)

7. The first is in C Major and starts with a low left octave, the left hand playing any hint of melody, the right hand playing some of the hardest material written. The fifth is in G-Flat major and almost keeps to its nickname but then only in the right hand. The ninth is in F minor and contains large stretches for the left hand. FTP name this type of piece of which Chopin wrote twenty-seven, with nicknames ranging from "Butterfly," "Winter Wind," "Ocean," and "Revolutionary."

Answer: ETUDE (I guess you could accept study since it is just a translation, but that is pretty weak)

(Current Events)

8. He recently admitted that it will take him more than a decade to make any progress in his new job. Sworn in last November 13th, he has spent most of the last three months fighting hostile public opinion and a Congressional Committee assigned to reform his agency. He recently announced that district directors' approval will now be required before agency employees seize any personal property or homes from Americans. FTP, name this man, who is not likely to ever win a popularity contest as head of the IRS.

Answer: Charles O. ROSSOTTI

(Religion (Sort of))

9. According to her teachings, thousands of years ago a perfect civilization thrived on the continent of Atlantis. They understood the workings of nature and gained knowledge from aliens. When Atlantis was destroyed the aliens remained ready to restore that knowledge to Earth. She teaches that near the year 2000, they will return to inaugurate another golden age for earth. Based in California and claiming almost half a million adherents worldwide, her cult stages elaborate exhibitions and publishes volumes of literature about astrology, Atlantis, and the coming of a new world. FTP, name the group and you have named the leader, as well as the Greek muse of Astronomy.

Answer: URANIA

(Economics)

10. It has since been revised to a more conservative figure, but most Economists claim that the relationship it describes is correct. FTP, name this economic law, which in its original form states that each 3% drop in real GDP corresponds with a 1% rise in unemployment.

Answer: OKUN's Law

11. The first of these events was recorded in 264 B.C.E. and involved only six participants. By the time they were banned in 404 C.E., they involved hundreds of people who were often set afire, tied naked in a ring with an angry bull, or forced to paddle through alligator infested waters. They also developed a sophisticated structure of partisanship and factions that would sponsor various participants, and foment political unrest if they lost too frequently. FTP, name this practice, most often the destination of Gladiators in ancient Rome.

Answer: Ludi (accept games or festival games)

12. He originally fled his Scandinavian home to escape murder charges. He fared no better at his new home in Iceland where some of his followers engineered a landslide to destroy a troublesome neighbor's farm. Banished from the island by the Icelandic assembly he looked for a new place to settle. In one of the first deceptive advertising campaigns in history he called the rocky barren location he settled, Greenland, to encourage immigration. FTP, name this adventurer, whose son went on to discover Vinland.

Answer: Eric the Red

13. In 636 the Byzantine Army was encamped to defend the city of Damascus against the Muslim invaders. However, when supplies grew short they were forced to either take the offensive against the invaders or disperse to find food. The resulting battle saw the Arabs surround the Byzantines in a valley and destroy them. This eliminated Byzantine power for over a generation and left the Muslims as the dominant power in the Middle East. FTP, what was this important battle, named for the river valley in which it ended.

Answer: Wadi-al' YARMUK

14. In 1861, he was offered command of the entire Union Army, but turned down the commission. His life was haunted by tragedy, spending much of his life nursing a desperately ill mother and then an invalid wife. Through part of the civil war he was a disgraced outsider, called Granny behind his back and relegated to commanding fortification efforts along the Southern coasts. He did, however have a brilliant military mind, and once he replaced the wounded Joseph Johnston he led the South to numerous victories. FTP, name this man, the commander of The Army of Northern Virginia who lost the climactic battle of Gettysburg.

Answer: Robert E. LEE

(Geography)

15. It is also known as Mytilini, after its chief city. Located at the entrance of the Gulf of Edremit, west of Izmir, Turkey, it was part of the Ottoman Empire until Greece annexed it in 1913. It is an important producer of olives, figs, and soap, but is primarily remembered for the group of maidens that the poet Sappho taught there anciently. FTP name this Aegean island, which gave its name to a select group that includes Margaret Mead, Gertrude Stein and Ellen DeGeneres.

ANSWER: Lesbos

(Fine Arts)

16. Its bizarre composition and disturbing colors are said to reflect the artist's intense fear of open spaces. He wrote in his diary: "One evening (as) I was walking along a path; the city was on one side, and the fjord below. I was tired and ill . . . and I painted this picture, painted the clouds as actual blood." The figure in the painting, however, stands on a bridge, his hands vainly clapped over his ears. FTP name this expressionist masterpiece, the best-known work of Edvard Munch.

ANSWER: The Scream

(Pop Culture)

17 The composer said the melody came to him in a flash while he sat in a parked car outside a Hollywood Boulevard drugstore. It was nearly left on the cutting room floor after the second test screening, because MGM execs felt it slowed down the film, and that it degraded their biggest star to spend a scene singing in a barnyard. FTP name this Harold Arlen-S.Y. Harburg classic, immortalized by Judy Garland in The Wizard of Oz.

ANSWER: "(Somewhere) Over the Rainbow"

(Social Science)

18. They are prohibited in Article III, Section 3 of the U.S. Constitution, although England didn't abolish them until 1870. They call for a condition known as "corruption of blood," which forfeits the property of the condemned and prohibits him from passing anything to his heirs. FTP name these notorious "bills," which followed judgments of outlawry or treason against the crown.

ANSWER: bills of attainder

(Literature)

9. The death of his wife and two children, all between 1902 and 1907, inspired the mournful "Song Offering," which helped him win the Nobel Prize. He was knighted two years later, but surrendered the honor in 1919 to protest the massacre at Amritsar. A gifted musician, he wrote the song "Our Golden Bengal," which is today the national anthem of Bangladesh. FTP name this Bengali poet and mystic, winner of the 1913 Nobel Prize for Literature.

ANSWER: Rabindranath Tagore

(Literature)

20. Greek for "flute song," it can refer to any work in alternating dactylic hexameter and pentameter, such as Rilke's famous ones written in Duino. More commonly, the word refers to works like Milton's "Lycidas," Robert Lowell's "The Quaker Graveyard in Nantucket," Shelley's "Adonais," and Housman's "To an Athlete Dying Young," all of which express lamentation. FTP name this poetic form, of which Thomas Gray's most famous was penned "in a country church yard."

ANSWER: elegy

(Pop Culture)

21. He led a group of followers west to find a place where they could worship freely, govern justly, and grow vast fields of hemp, in the process (it is said) even killing a bear with his bare hands. Unfortunately, a 1996 exhumation proved that he was actually a German pirate who lost his tongue in a Turkish grog house fight and even tried to kill George Washington. FTP, name the pioneer who founded the city Newsweek called "America's Crud Bucket," the hometown of the Simpsons.

ANSWER: Jebediah Obadiah Zedekiah Jedediah Springfield

(Fine Arts)

22. The ruins of the Elamite one at Dur Untash, in Iran, are much larger, and the Nanna, in Iraq, is better preserved, but the most famous one is at Etemenanki, since it may have inspired stories of the Tower of Babel. They were built for 4,000 years out of glazed mud bricks that rose in stepped stages to a small sanctuary at the peak. FTP name these temple-towers, the principal religious edifices of ancient Mesopotamia.

ANSWER: ziggurats

(Chemistry)

23. These organic compounds can be separated from each other by chromatography on filter paper and are made visible by spraying the paper with ninhydrin. They consist of an acidic carboxyl group, a basic amine group, and an organic side chain which is unique to each of these compounds. They join together by condensation reactions to form peptide bonds. FTP name the building blocks of proteins.

ANSWER: Amino Acids

(Physics)

24. This physicist was born on July 12, 1913 in Los Angeles, California. He received his B.S. in chemistry in 1934 and his Ph.D. in theoretical physics in 1938 from the University of California at Berkeley where he worked under Oppenheimer. He went on to teach and research at Columbia, Stanford, Oxford and Yale. From 1943 to 1951 he worked with the Columbia Radiation Laboratory where he pursued research in particle physics. FTP name this man, among whose discoveries was the fine structure of the hydrogen spectrum which won him the Nobel Prize in 1955.

ANSWER: Willis E. Lamb

(Astronomy)

25. Born in a semi-autonomous European Bishoprick, this 16th century thinker began as a student of law and medicine in Italy. He later accepted a church post and dedicated his major work to the Pope. His project, as he initially envisioned it was to eliminate "equants" from astronomy. This he did, but only by abandoning much of the Aristotellian model of the cosmos. FTP name this heliocentric author of *De Revolutionibus orbium coelestium*.

ANSWER: Nicholas Copernicus

(Biology)

26. When *Pisaster ochraceus* (a starfish) is removed from the intertidal zone in the Pacific northwest of the United States, the intertidal community changes from one with a high diversity of relatively large bottom-dwelling invertebrates to a virtual monoculture of the starfish's favorite prey--the mussel. By limiting the population size of a species that would otherwise outcompete other species, the starfish can help maintain high species diversity. FTP give the name for these types of predators that affect not only their prey's population size but also the community's species diversity.

ANSWER: Keystone predator

(Geography)

27. Lying on the Tropic of Capricorn, its climate is affected by the prevailing winds and surrounding mountains. NASA tested some of its interplanetary vehicles here because the terrain was a good representation of what could be encountered on Mars. With many craters, rocks, loose sand, and vegetation completely absent due to the lack of precipitation and high mineral content of the soil, it's one of the least hospitable places on Earth. FTP name this area of northern Chile.

ANSWER: Atacama Desert

(Mythology)

28. She was born from the left eye of the primeval being Izanagi. When her brother Susanowo treated her badly, she hid in the cave of heaven, closing the entrance with an enormous stone. Thus, darkness surrounded the world, and evil spirits left their hiding places, causing destruction and grief everywhere. In despair, a conference of the gods decided to induce her come out of the cave by arousing her curiosity. The gods put a big mirror in front of the cave and beautiful jewels on a tree. Fascinated by her own brilliant reflection in the mirror, she came out of the cave--allowing her light to once again cover the world. FTP name this Shinto sun goddess.

ANSWER: Amaterasu

(Miscellaneous)

29. He was born in the mountains of West Virginia, but when he went to the West he fell in love with the land and never left. In *Damnation of a Canyon* he decries the building of Glen Canyon Dam and Lake Powell. An ardent environmentalist, he actively opposed development in the West and even wrote a guide for Eco-terrorists entitled *The Monkey Wrench Gang*. His collected works, characterized by caustic wit and dark

sarcasm tempered with a passion for the earth, have established him as one of the eloquent voices for environmentalism. FTP name the author of *Desert Solitaire: A Season in the Wilderness*

ANSWER: Edward Abbey

30. This writer, born in Daresbury, Cheshire studied at Oxford, took orders in 1861, and became a lecturer in mathematics. His most famous title character was based on the second daughter of Henry George Liddell. He wrote a great deal of humorous verse, such as "The Walrus and the Carpenter", and "The Hunting of the Snark," as well as several mathematical works. FTP, name the author of the "Through the Looking-Glass" and the "Jabberwocky."

Lewis CARROLL (accept Charles Lutwidge DODGSON)

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Bonuses

(Literature - ancient)

1. (30-20-10) Identify the work of old literature.

30 This work was produced around 406 BC. The main character is arrested by Pentheus, who is later torn to pieces, by among others, his own mother Agave.

20 The main character has been described as follows: a fellow of androgynous and divine mien. His mother's family refused to believe Zeus was his father when he was born and now he is one angry son of a god.

10 The main character is Dionysius who arrives in Greece from Asia intending

to introduce his orgiastic worship there. He is disguised as a charismatic young Asian holy man and is accompanied by his women votaries, who make up the play's chorus.

Answer: BACCHAE

(Literature)

2. His son Ethan was killed when he snuck away from camp to go get something to eat at Burger Bonaza. The title character writes books about how to travel, while seeming to travel as little as possible, tries to cope with the loss of his son and the departure of his wife. For five points tell the name of the book, made into a movie starring William Hurt for which Geena Davis won a best supporting actress Oscar.

Answer: the ACCIDENTAL TOURIST

For five more points who wrote the Accidental Tourist?

Answer: Anne TYLER

For ten points what is the name of William Hurt's character in both the film and the book?

Macon LEARY

For a final ten points give either the name of Geena Davis's character or the name of Macon's dog that seems to symbolize a last link to Macon's son, and serves as a literal link to Geena Davis's character.

MURIEL PRITCHETT or EDWARD

(Sports)

3. Identify the following ESPN employees for the stated number of points.

5 He graduated from Brown and was hired by ESPN in 1979, a month after its inception and has become perhaps their most famous employee, spending time hosting Baseball Tonight, NFL GameDay, and NFL PrimeTime.

Answer: Chris BERMAN

10 He graduated from the University of North Carolina, worked on the NBA 2 Night on ESPN2, and now is a regular co-host of SportsCenter with Rich Eisen, to whom he gave a earpiece as a Christmas gift in a recent ESPN commercial. He has often asked for a witness from the congregation.

Answer: Stuart SCOTT

15 He graduated from Maryland and was a first round pick of both the Washington Bullets and the Indiana Pacers. He later graduated from Harvard Law School, and came to ESPN in 1997 to be a college basketball analyst. His name is surprisingly close to the author of Run Punch, the basis for Jackie Brown.

Answer: Len ELMORE

(Current Events)

4. Microsoft and another party are squaring off over Microsoft's bundling practices concerning Internet Explorer. Answer the following for the stated number of points.

5 Who is the other party?

ANSWER: the Department of Justice or DOJ

10 Microsoft replied to court requests by offering PC makers one of two options: installing either a current version of Windows 95 with all the IE browser code removed--rendering the operating system virtually useless--or an "outdated, commercially worthless" version of the operating system. This is similar to the offer of what rent-a-horse businessman who offered customers the choice of the horse closest to the wall or no horse at all.

Thomas HOBSON

15 Name the judge presiding over the case.

Thomas Penfield JACKSON

(Fine Arts)

5. Answer the following about classical music FTP each.

10 First releasing music in 1987 this music company started by Klaus Heymann

in Hong Kong sought to produce quality discount classical discs. To save money, its catalogue was started with young or unknown artists and orchestras which had had no proper exposure in the world market. Name this company which was recently named as the classical music label of the year.

NAXOS

10 Naxos may have recently set a record in that from receipt of some new music from the composer, it was just three weeks to the day when a record was on sale for opening night of the music. The music is the ballet Dracula. Who is the composer?

Philip FEENEY

10 A current project of Naxos is to record all the piano music of a certain composer. He recorded largely for the piano but also wrote some orchestral works. Among the recent releases of the eventual 75 disc Naxos set were recordings of some of his Schubert song transcriptions and the composer's own Transcendental Etudes. Name the composer.

Franz LISZT

(Religion)

6. Identify the following religious based questions FTP each.

10 According to tradition, he was the founder of Taoism religion, however many historians don't believe this man even existed. The Tao Te Ching is the only book he is supposed to have written.

Answer: LAO TZU

10 In 1530, Charles V called upon the Lutheran nobility to explain their religious convictions, with the hope that the controversy swirling around the challenge of the Reformation might be resolved. To this end, Philip Melanchthon, a close friend of Martin Luther and a Professor of New Testament at Wittenberg University, was called upon to draft a common confession for the Lutheran Lords and Free Territories. What is the name of the resulting document.

Answer: The Augsburg Confession

10 Given either the speaker of the following quote or the title of the sermon. "[I]t is not because God is unmindful of their wickedness, and does not resent it, that he does not let loose his hand and cut them off. God is not altogether such an one as themselves, though they may imagine him to be so. The wrath of God burns against them, their damnation does not slumber; the pit is prepared, the fire is made ready, the furnace is now hot, ready to receive them; the flames do now rage and glow. The glittering sword is whet, and held over them, and the pit hath opened its mouth under them."

Jonathan EDWARDS or SINNERS IN THE HANDS OF AN ANGRY GOD

(Current Events)

7. Recently tragedy struck a small Kentucky town when a 14-year old student

gunned down three of his classmates with a .22 caliber pistol at a prayer meeting. This attack has sent ripples through the American heartland and has caused a renewed investigation of violence on television. FTPE, name 1. The boy who pulled the trigger 2. The Kentucky town where the shooting occurred 3. The 1995 film that may of inspired his actions. It features a scene where actor Leonardo Dicaprio opens fire with a shot gun in a school classroom.

Answer: Michael Corneal, Paducah, and "The Basketball Diaries"

(Religion)

8. Name the American Religious figure from clues for fifteen points each

15 She ran into troubles with the puritans for claiming that she had the Holy Spirit and that she was of the same substance as Christ, and thereby his equal.

Answer: Anne HUTCHINSON

15 He founded a city for 12,000 of his followers at Nauvoo, Illinois. He claimed that America was a land of destiny and the Constitution was a tool of God. He was murdered in 1844 while running for President.

Answer: Joseph SMITH

(Economics)

9. Let's Suppose: It's Alan Greenspan's worst nightmare. The sinking economies of Southeast Asia seem to be dragging America down with them. Because of problems with Foreign Banks, Greenspan expects investors to make a run on American banks. To head this off he decides to require banks to raise the percentage of their assets banks must keep on hand. FTP, what do we call this requirement.

Answer: the RESERVE REQUIREMENT

The economy is not out of danger yet. Greenspan decides to stimulate the economy by lowering one category of interest rates, the rate the Federal Reserve charges member banks to borrow money. FTP, what do we call this rate?

ans the DISCOUNT rate

With the value of the dollar fluctuating wildly and the economy still weak, Greenspan resolves to use the most common Federal Reserve method for regulating the economy. FTP, what do we call this method in which the FED buys or sells government securities to control the money supply.

Answer: OPEN MARKET operations

(History)

10. For Five points each, give the name of the general that won each of the following battles:

- | | |
|--------------|-------------------------------------------------------|
| A. Blenheim | Answer: the Duke of MARLBOROUGH (acc. JOHN CHURCHILL) |
| B. Saratoga | Answer: Horatio GATES |
| C. Vicksburg | Answer: Ulysses S. GRANT |
| D. Issus | Answer: ALEXANDER the GREAT |
| E. Lodi | Answer: NAPOLEON Bonaparte |
| F. Plassy | Answer: Robert CLIVE |

(History)

11. Given a description name the European statesman from the 30 years war.

5 A. As the chief minister of France he allied with the Protestants against fellow Catholic countries.

Answer: Cardinal Richelieu

10 B. As chief minister for Phillip IV of Spain, he attempted to reform Spain and fight a major international war at the same time. Though he was a talented organizer, the over stretch caused by his policies led to the decline of Spain.

Answer: Gaspar de Guzman OLIVARES

15 C. He was chief minister of finance under Gustavus Adolphus and was responsible for making the Sweedish tax collecting system an efficient model for the rest of the world.

Answer: Axel OXENSTIERNA

(History)

12. The following question will test your knowledge of central Asian History.

A. First for ten points, name the nomadic turks that settled Central Asia in the Caucasus and Black Sea Region about 600 CE. Under the Ashina dynasty they were valuable allies of the Byzantine in their wars against the Sassanid Persians. Their khan ruled over an Empire that included Huns, Oighurs, and Slavs.

Answer: KHAZARS

B. For ten more points, what was the official religious affiliation of the Khazar Khanate.

Answer: JEWISH

C. For a final ten points; On Christmas, Greek and Bulgarian children await the arrival of what Saint, who is said to come from his legendary home in Khazaria.

Answer: St. BASIL

(History)

13. Answer the following questions about imperial Germany in the 19th century for the stated number of points

5. The first chancellor of Germany, he is most noted for his hard line absolutism and his phrase, "blood and iron."

Answer: Otto von BISMARCK

10 When Bismark was sacked by Kaiser Wilhelm II, this army general with a distinguished service record became Germany's second chancellor.

Answer: Georg Leo von CAPRIVI

15 This career naval officer wanted to build a navy to rival Great Britain's. The Kaiser agreed and funded the project. He is still known as the father of the German Navy and a World War II German Battleship was named after him, though it was destroyed by the British before it was completed.

Answer: Alfred von TIRPITZ

(Literature)

14. Given a bloody Shakespearean tragedy, FTPE identify the FIRST of the dramatis personae to die during the action of the play. If you need the cause of death, you will receive 5 points.

10 Hamlet

5 Stabbed by Hamlet.

ANSWER: Polonius

10 Macbeth

5 Stabbed by Macbeth.

ANSWER: Duncan

10 Romeo and Juliet

5 Stabbed by Tybalt.

ANSWER: Mercutio

(Literature)

15. Many novels feature protagonists who are tourists visiting Italy. FTPE, given an Italian tour itinerary, name the novel described. If you need the author, you will receive 5 points.

10 Annoy the guests at the Pension Bertolini, lose your Baedeker in Santa Croce, watch some dude get the crap kicked out of him at the Piazza Signoria, enjoy a romantic picnic in Fiesole.

5 The author is E.M. Forster.

ANSWER: A Room with a View

10 See the Pincian Gardens, flirt with Mr. Winterbourne, tour St. Peter's, flirt with Mr. Giovanelli, arrange to die of the "Roman fever," be buried in the Protestant cemetery.

5 The author is Henry James.

ANSWER: Daisy Miller

10 Take a gondola to Lido, register at the Hotel des Bains, become obsessed with a young Polish boy, go sunbathing, die of the bubonic plague.

5 The author is Thomas Mann.

ANSWER: Death in Venice

(Fine Arts)

16. Identify the following people associated with mobiles, FTPE.

1. Name the American sculptor best known for the two modes of sculpture he invented: mobiles and stabiles.

ANSWER: Alexander Calder

2. Name the French cubist, artist of such works as "The Bride Stripped Bare by Her Bachelors, Even," who coined the word "mobiles" for Calder.

ANSWER: Marcel Duchamp

3. Name the French avant-garde sculptor of works like "Human Concretion" who coined the word "stabiles" for Calder's less mobile works.

ANSWER: Jean Arp

(Social Science)

17. Name the psychologist, 30-20-10.

(30) He was an unsuccessful artist until 1928, when a chance meeting with Anna Freud inspired him to begin studying at the Vienna Psychoanalytic Institute.

(20) Studies of American Indian children led to some of his most important theories, such as his coinage of the term "identity crisis."

10 His first book, 1950's Childhood and Society, is a classic in the field of child development.

ANSWER: Erik Erikson

(Pop Culture)

18. Only one actor in Hollywood history has ever starred in five consecutive \$100-million grossing films. Name, for 5 points, the star with this incredible streak still going.

ANSWER: Tom Cruise

Now, for 5 points each, name the 5 films that make up Tom Cruise's \$100-million streak.

ANSWER: A Few Good Men, The Firm, Interview with the Vampire, Mission Impossible, Jerry Maguire

(Miscellaneous)

19. Name the fictional character, 30-20-10.

(30) His real name is Admiral Sir Miles Messervy, and he lives at his estate, Quarterdeck.

(20) Bernard Lee portrayed him on the screen for 15 years; after his death, he was followed by Robert Brown, Edward Fox, and Judi Dench.

10 Those who work under him include his secretary, Miss Money Penny, and his most celebrated agent, Commander James Bond.

ANSWER: M

(Pop Culture)

20. Sometimes pop bands get their names from movie titles. Given a description of a film, FTPE name the group inspired by the film's title. If you need a few song titles, you will receive 5 points.

10 Robert Wagner is the unlikely star of this film based on the life of jazz trumpeter Chet Baker.

5 "She Drives Me Crazy" and "Good Thing"

ANSWER: (All the) Fine Young Cannibals

10 George C. Scott plays an eccentric old man who believes he is Sherlock Holmes, and Joanne Woodward is an interested psychiatrist who just happens to be named Dr. Watson.

5 "Istanbul, Not Constantinople" and "Particle Man"

ANSWER: They Might Be Giants

10 This Ingmar Bergman classic tells the story of an elderly professor remembering his life while on his way to accept an honorary degree.

5 "Heroine" and "Fall"

ANSWER: Wild Strawberries

(Fine Arts)

21. Identify the painters of the following "large" works, FTPE.

1. The Large Bathers

ANSWER: Paul Cezanne

2. Large Odalisque

ANSWER: Jean-Auguste-Dominique Ingres

3. The Large Blue Horses

ANSWER: Franz Marc

(Geography)

22. Given a description, give the traditional pre-1948 name for the Indian province, FTPE.

1. Including most of the upper Ganges River Valley, this region is home to Delhi.

ANSWER: Punjab

2. Located in the Ganges Delta, its principal city is Calcutta.

ANSWER: Bengal

3. This subtropical province was important in the European commercial traffic in India and is located on the south-east coast of the country.

ANSWER: Madras

(Astronomy)

23. Given the Messier Catalog number and a short description, name the deep-sky object.

1. Designated M1 this is a supernova remnant in the constellation Taurus.

ANSWER: Crab Nebula

2. M44 is a large open cluster in Cancer.

ANSWER: Beehive

3. An open cluster M45 was named after the seven sisters of Greek myth.

ANSWER: Pleiades

(Miscellaneous)

24. The Denver Broncos are headed back to the Super Bowl, baby! FTPE answer these questions about the Broncos' Super Bowl history.

1. The Broncos share the record for the most trips to the Super Bowl without a win. How many times have they been turned away empty-handed.

ANSWER: Four

2. The Broncos share this record with which another NFL franchises. Five points each

ANSWER: Minnesota Vikings and Buffalo Bills

3. The Broncos also hold the record for the quickest score in Super Bowl history. In Super Bowl XXII, who caught a John Elway pass and ran 56 yards for the score on the first play from scrimmage.

ANSWER: Ricky Nattiel

(Geology)

25. Name the mineral FTPE given a description.

1. This ore of lead has cubic crystals and a shiny, metallic luster.

ANSWER: Galena

2. This cubic mineral has a salty taste because it is principally composed of salt crystals.

ANSWER: Halite

3. This mineral is the standard for a Mohs' hardness of 2 and is principally used in plasterboard or sheetrock.

ANSWER: Gypsum

(Chemistry)

26. Answer these questions about a class of organic compounds FTPE.

1. This class of compounds have a structural formula of ROH

ANSWER: Alcohol

2. When alcohols are heated in the presence of an acid catalyst they react to form water and this other class of organic compounds.

ANSWER: Ether

3. When an alcohol and an acid react in the presence of an acid catalyst they form water and this class of organic compounds.

ANSWER: Ester

(Mythology)

27. Identify this mythological figure 30-20-10

(30) He grew impatient while courting Merope, raped her and was blinded and banished by her father.

(20) In his journeys he met Artemis, who wanted him to be her hunting companion. Artemis' brother Apollo feared for her chastity so Apollo sent a scorpion to chase him.

10 Finally, Apollo tricked Artemis into killing him with her spear. In her grief she placed him among the stars of the winter sky.

ANSWER: Orion

(Physics)

28. 30-20-10 Name the physicist.

(30) In his book *Shadows of the Mind*, he suggests that deep problems in artificial intelligence, physics, and the philosophy of mind are closely connected.

(20) He gave a famous series of lectures with Stephen Hawking at Cambridge in 1995 that debated the nature of space and time.

10 In mathematics, he discovered several aperiodic tilings of the infinite plane which were named for him.

ANSWER: Roger Penrose

(Geography)

29. There are five landlocked nations in Africa that lie completely north of the Equator. FFPE, with a bonus 5 for all correct, name these five landlocked nations.

ANSWER: Mali, Burkina Faso, Niger, Chad, Central African Republic