

1997 Elvis Invitational Questions by St. Olaf

Toss-ups

1. This element was first described in 1450 by Basil Valentine, a German monk. It is rapidly dissolved by concentrated nitric acid, forms a yellow oxide when heated, and is the most diamagnetic of all metals. It is gray-white with a reddish tinge. FTP, name this element which is #83 on the periodic table.

Bismuth

2. These non-aggressive animals travel in herds of 20-30 each. The bulls are 5 ft tall at the shoulders and weigh about 880 lbs with horns up to 2 ft long. They eat grass, lichen, and other low growing plants, appropriate for their tundra home. FTP, name this arctic mammal of the family Bovidae.

musk ox

3. These particles are bosons with no electrical charge or rest mass with one unit of spin. They are thought to be carriers of the electromagnetic field. Their existence was prepared by Max Planck and originated in Einstein's explanation of the photoelectric effect. FTP, name them.

photons

4. This word comes from the Greek for manifestation. The Christian holiday of the same name originated in the East and commemorates Jesus' first miracle at Cana and his baptism in the Jordan River. FTP, name this holiday which also marks the visit of the Magi (mah-jie) celebrated on January 6.

Epiphany

5. This American author was born in 1899 and was educated at Oberlin. He became senior editor of American Heritage in 1959. He won the Pulitzer Prize in 1954 for his book A Stillness at Appomattox. FTP, name this Civil War author best known for his trilogy on the Army of the Potomac.

Bruce Catton

6. Recently, this country inaugurated its second democratically elected leader, Petar Stoyanov, as president, which is a largely ceremonial role. Most real power rests with the prime minister, Zhan Videnov. Opposition groups hope, though, that Stoyanov can help lead the way to real reform in this Balkan country which is still ruled by many former Communists. FTP, name it.

Bulgaria

7. First used to command the robot Gort in The Day the Earth Stood Still, they were reused by director Sam Raimi and actor Bruce Campbell. For ten points, "say every single little tiny syllable" of the words Ash used to retrieve the Necronomicon in the 1993 movie Army of Darkness.

"Klaatu Verata Nikto" (KLAH-too ver-AH-tah NIK-toe)

8. Born in Denmark in 1882, she became one of the greatest novelists of Norway. Always spiritual in nature, in 1924 she converted to Roman Catholicism. For ten points, name the winner of the 1928 Nobel prize in literature whose masterpieces were The Master of Hestviken and Kristin Lavransdatter.

Sigrid Undset

9. Born in Alessandria, Italy in 1932, he is currently professor of semiotics at the University of Bologna. For ten points, name this Milanese author whose works include The Aesthetics of Thomas Aquinas, The Island of the Day Before, Foucault's (foo-COE's) Pendulum, and The Name of the Rose.

Umberto Eco

10. Born in Wales in 1872, this British earl once said of moments of depression as a student at Cambridge, "I did not, however, commit suicide because I wished to know more of mathematics." He later had great influence in the fields of symbolic logic and set theory. A pacifist during World War I, he was a leader in the fight against nuclear weapons after World War II. For ten points, name this mathematician and philosopher who greatly influenced logical positivism.

Bertrand Arthur William Russell

11. When Queen Victoria raised him to the nobility in 1896, the titles "Lord Cable" and "Lord Compass" were considered, in honor of his great scientific and technological achievements. Instead, he was named after the river on which Glasgow University stands. For ten points, name this title given to the mathematician born as William Thomson, whose name was given to a scale of temperature.

Lord Kelvin

12. Originally code-named "Pegasus," it is the latest addition to Microsoft's family of operating systems. According to Microsoft press releases, this 32-bit operating system "provides] high performance in limited memory configurations and enabl[es] long battery life on mobile devices." Yeah, but does it ^{rash} hourly? Programmers are already designing miniature versions of their products for this platform. For ten points, name this operating system designed for the "handheld PC."

Windows CE

[Prompt on "Windows"; do not accept "Windows 95" or "Windows NT" Also accept "The devil in the machine"]

13 14. This author wrote a series of fantasy novels revolving around the lives of such characters as Arutha, Carline, Laurie, Erland, and an unlikely magician named Pug. FTP, name this author of the "Riftwar Saga."

Raymond Feist

14 15. With the end of WWII, fashion designers found themselves without the restrictions on materials imposed by the war. As a result, padded hips and shoulders and profuse use of materials in women's clothing became rampant. FTP, name the designer whose "New Look" revolutionized the world of fashion.

Christian Dior

15 16. The subject of the recent film, "The Ghost and the Darkness", seems to have come straight from the pages of one of the less reputable tabloids: 2 lions hunk down railroad workers and eat them...seemingly for sport. However, truth is stranger than fiction and those very same lions now grace the halls of, FTP, what world renowned natural history museum?

Chicago Field Museum of Natural History

16 17. He wrote his "Piano Concerto for 2 Pianos" for both himself and his sister Nannerl who was also a piano virtuoso. FTP, who is this famous composer and pianist who wrote 27 piano concertos, the most famous being number 21 that was used as the background music for the movie "Elvira Madigan"?

Wolfgang Amedeus Mozart

17 18. He's scheduled to release two films in the next ten years, his first in almost a decade. One stars Tom Cruise and Nicole Kidman called "Eyes Wide Shut" and another called just "A.I." After his first film "Spartacus" he went on to direct such classics as "Full Metal Jacket" and "The Shining." Name this director of "A Clockwork Orange" and "2001: A Space Odyssey," FTP.

Stanley Kubrick

18 20. He published a paper in 1812 in which he used determinants to give formulas for the volumes of certain

polyhedra. He showed that the volume of a parallelepiped is the absolute value of the determinant associated with its system of equations. FTP, name this mathematician whose use of determinants in analytic geometry sparked an intense interest in applications of determinants that lasted for about 100 years.

Augustin-Louis Cauchy

- 19 21. The Renwick Gallery, the Heye Center, the Freer Gallery, the Hirshhorn Museum, the National Postal Museum, the National Museum of American History, and the National Air and Space Museum are all, FTP, museums affiliated with what institution based in Washington, D.C.?

the Smithsonian Institution

- 20 22. Literally translated, it means "with the wood," and that makes sense, because this Italian musical direction indicates to strike the strings of a violin, viola, or cello with the back of the bow. FTP, name this technique popular in contemporary orchestral compositions.

col legno

- 21 23. He lived from 1778 until 1823. He was interested in lighter-than-air balloons, and in 1804 he made an ascent to 23,000 feet, an exploit that set the altitude record for several decades. In order to control lighter-than-air balloons better, he carried out several experiments on the properties of gases. FTP, name this scientist who, in 1808, discovered the law of combining volumes: at a given pressure and temperature, the volumes of gases that react with one another are in the ratios of small whole numbers.

Joseph Louis Gay-Lussac

- 22 24. In the early 1960's, a researcher at Yale University conducted a series of now infamous experiments dealing with people's willingness to obey orders. The subjects were asked by the researcher to give what they believed was a series of increasingly strong electric shocks to another individual, continuing up through painful and finally deadly levels. FTP, name the researcher who conducted these experiments.

Stanley Milgram

- 23 25. True lacquer as used in China, Japan, and Korea, is a specific substance obtained from the sap of a particular kind of tree. FTP, give the common name of that tree, which can also be used to make a lemonade-like drink.

Sumac

- 24 26. Generally a large set "U" is displayed as a fixed rectangle, and subsets of U are represented as circles within the rectangle. An intersection between the subsets is represented by the overlapping of the circles. FTP, give the name for this type of diagram, used in simple boolean algebra and to demonstrate the relationship between sets.

Venn diagram

27. His enormous musical output encompassed most of the vocal and instrumental forms of his time, including opera, secular cantatas, church music, and nearly 450 concertos. He entered the priesthood, where his ruddy locks won him the nickname "The Red Priest." FTP, name this baroque composer born in 1678 in Venice..

Antonio Vivaldi

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Bonuses**

1. Given the overseas territory or dependency, name the capital for 10 pts each

British Virgin Islands Road Town
French Polynesia Papeete
Guam Agana

2. When Florida beat Florida State in the Sugar Bowl, that left 5 teams with 1 loss in Division I-A football, and the arguing began. The other three divisions avoid this problem by means of a playoff. FTP each, name the three playoff national champions in these divisions.

Marshall Division I-AA
Northern Colorado Division II
Mount Union Division III

3. Many famous events have occurred on July 5 throughout history. FTP each, answer these questions about famous events of July 5

a. This Union admiral, born on July 5, 1801, went to sea at the age of 9, served in the War of 1812 at age 12, and gained fame by capturing New Orleans in April 1862.

David Glasgow Farragut

b. On July 5, 1946, this new fashion had its debut in Paris. Named after the site of the first peacetime atomic weapons test, it continues to blow people away today.

bikini

c. On July 5, 1830, French forces conquered this North African city in the hope that a colonial success would placate growing resistance to the authoritarian regime of Charles X. It failed, and Charles was ousted in the July Revolution later that month.

Algiers

4. Given the year and author, name the Pulitzer Prize winning book or play FTP each.

a. 1989 James M. McPherson Battle Cry of Freedom
b. 1991 John Updike Rabbit at Rest
c. 1992 Robert Schenkkan The Kentucky Cycle

5. Given the year the location, name the hurricane FTP each

a. 1995 Florida and Alabama Opal
b. 1995 Virgin Islands Marilyn
c. 1968 Louisiana and Mississippi Camille

6. For five points each, name the top six grossing movies (in absolute dollars) all time through 1995.

E.T., Jurassic Park, Forrest Gump, Star Wars, The Lion King, Home Alone

7. For the stated number of points, name the relatives of Moses as named in the book of Exodus.

(5 pts.) Moses' brother Aaron
(5 pts.) Moses' sister Miriam
(10 pts.) Moses' father-in-law Jethro

(10 pts.) Moses' wife Zipporah (zeff-er-ah)

8. For ten points each, answer the following questions about Catholic doctrine concerning the Virgin Mary.

(10 pts.) a. Held by many theologians since the earliest days of the Church, this doctrine was officially proclaimed by Pope Pius IX in 1854. It states that the Virgin Mary, from the first moment of her life, was "preserved exempt from the stain of original sin." For ten points, name this doctrine

the Immaculate Conception

(10 pts.) b. Another belief long held by many Catholics, it is the other doctrine about Mary infallibly proclaimed by a Pope. The feast celebrating this doctrine occurs on August 15th. It holds that after her death Mary's body did not decay, but was physically taken into heaven.

the Assumption

(10 pts.) c. One of the earliest doctrines about Mary to be officially defined was that she was the Mother of God. For ten points, either name the city in which a council declared this doctrine or give the Greek title of "Mother of God" awarded to Mary.

Council of Ephesus or Theotokos

20 POINT BONUS

9. Although he was predicted to be the most widely discussed author of his generation, which included Hemingway, Fitzgerald and Faulkner, the fact that he only wrote one work ensured that he was virtually ignored until the rediscovery of African-American writers in the 1960's. For 20 points name this figure from the Harlem Renaissance, who achieved brief fame for "Cane", whose impressionistic mix of story and poetry has influenced contemporary African-American writers.

Jean Toomer

10. Given a description of a character played by Audrey Hepburn, name the movie FTP each.

a. A princess who runs away and has one carefree day with a reporter while hiding her identity.

Roman Holiday

b. A woman searching for clues to her husband's murder with the assistance of a man with multiple identities.

Charade

c. The heavenly guide to the "Other Side" of a fire-fighting pilot.

Always

13. Do you know from what operas these famous arias, choruses and what not come FTP each?

a. "Largo al Factotum", a barber's musings on his popularity with the townspeople, marked by the famous line "Figaro, Figaro, Figaro"

Barber of Seville

b. "Dance of the Hours" which, in Disney's Fantasia, is portrayed by dancing ostriches, alligators, elephants and hippopotami

La Gioconda

c. The theme heard ad nauseum through countless TV and movie weddings. Formerly known as the "Bridal Chorus," but more popularly known as the tune for the words "Here come the bride"

Lohengrin

15. The world watched in 1989 as the Soviet empire in Eastern Europe collapsed. Of the leaders of the 6 main Soviet satellites, all were either dead, deposed, or heading coalition governments dominated by non-Communists by the year's end. For five points each, plus five for all correct, name the former leader for the given country.

- | | |
|-----------------|----------------------------|
| a. East Germany | Erich <u>Honecker</u> |
| b. Romania | Nicolae <u>Ceausescu</u> |
| c. Bulgaria | Todor <u>Zhivkov</u> |
| d. Poland | Wojciech <u>Jaruzelski</u> |
| e. Hungary | Janos <u>Kadar</u> |

16. 30-20-10 name the film director given a list of films

30 point clue - Way Down East, The Musketeers of Pig Alley

20 point clue - Lonedale Operator, Intolerance

10 point clue - Birth Of a Nation

D.W. Griffith

17. Given the acronym title of an agency related to the United Nations, give its full title for 10 points apiece.

A. UNESCO

United Nations Educational, Scientific, and Cultural Organization

B. IMF

International Monetary Fund

C. WHO

World Health Organization

20 POINT BONUS

18. Name the Civil War general for 20 points.

His first major battle was at Mill Springs, his last was the battle of Nashville on December 15-16, 1864. He earned the famous nickname the Rock of Chickamauga during the battle of Chickamauga when he rallied the left of the Union line. This action enabled the rest of the Army of the Cumberland to escape to Chattanooga and avoid entire destruction.

George H. Thomas

30 POINT BONUS

19. It's time for a literary puzzle bonus! The names of some famous works of literature have been altered slightly. Each new title provides a clue to the way in which the author's name has been altered by changing the first letter of his last name. Confused? Here's an example: "The Tell-Tale Stooage," by Edgar Allen MOE instead of Poe. Got it? Here goes, FTP each.

A. "Paradise Lodge"

John _Hilton_

B. "The Hatchback of Notre Dame"

Victor _Yugo_

C. "Franny and Lazy"

J.D. _Malinge_

30 POINT BONUS

20. Some of the most common human chromosomal disorders involve abnormalities in the number of sex chromosomes in a person's genetic complement. FTP each, name the syndrome caused by the following allocation of sex chromosomes:

A. 2X, 1Y

Klinefelter's Syndrome

B. 1X

Turner's Syndrome

C. For an additional 10 points, name the disorder caused by a seeming "break" or "tear" in an X chromosome.

Fragile-X syndrome

25 POINT BONUS

21. Associated with the successors to Charlemagne, this abbey church is located in the Ile-de-France. In 1140 Abbot Suger (SUE-jay), made the decision to reconstruct it, creating what is considered the first Gothic structure. For 25 points, identify this church named after the patron saint of France.

St. Denis

30 POINT BONUS

22. Time for some "before and after" questions! The answer to each clue is the blend of two names, titles, or phrases where the last word of one is also the first word of the other. FTP each, give the blended phrase for each of the following clues:

A. A novel by William Makepeace Thackeray, and the Truman Administration's label for its goal in domestic affairs.

Vanity Fair Deal

B. A cold stream found in the western part of the North Atlantic Ocean, and a television show formerly hosted by Maury Povich.

Labrador Current Affair

C. The Scottish reformation preacher who helped to establish Scottish Presbyterianism, and the brand name for a type of gelatin.

John Knox Blocks

30 POINT BONUS

23. I'll give you an abbreviation for the name of a major U.S. labor union, and you give me the full name of the union, for ten points apiece:

A. NEA

National Education Association

B. UMW

United Mine Workers of America

C. ICW

International Chemical Workers Union

30 POINT BONUS

24. Most people can identify gemstones based on their appearance. However, can you identify the elements that give each gemstone its unique color? For 15 points apiece, name the element that colors each of the following gems:

A. Ruby

chromium or Cr

B. amethyst

manganese or Mn

30 POINT BONUS

25. Given the state motto, name the state that it is from. (10 pts each)

A. L'Etoile du Nord (lay-twal-doo-nord)

Minnesota

B. Sic Semper Tyrannis

Virginia

C. Eureka!

California