

GW Fourth Annual JCV Invitational

Maryland - College Park C

(Questions by Willie Keller, Julie Singer, Jason Dettlebach)

Tossup Questions

1. The cause of more US deaths in the Spanish-American war than enemy action, this chemical is soluble in water, alcohol and ether. Used in the preparation of dyes, bakelite and other plastic resins it is also used as an antiseptic and disinfectant. FTP name the simplest aldehyde, often used for preservation.

Formaldehyde or _Methanal_

2. He expressed his disillusionment with Christianity in 1927's The Weaver of Cashmere. Other works include Salka Valka, Independent People and The Light of the World. FTP name this novelist, born in Reykjavik in 1902, winner of the 1955 Nobel Prize in Literature.

Halldor Laxness

3. Scholar Michael Lind in "Up From Conservatism," notes his plagiarism of notorious anti-Semitic historian Nesta Webster while writing "The New World Order." His work "The New Millennium" predicts the destruction of Israel. He also claimed to have the power to move a hurricane from to "decadent" New York, saving the Virginia Tidewater. FTP identify this televangelist and media mogul, founder of the Christian Coalition, and owner of CBN.

Pat Robertson

4. His son Podalirus was a hero at Troy, and his son Machaon healed Philoctetes' wounds. FTP name this son of Coronis, raised by Chiron, who was killed by his grandfather Zeus after he brought Hippolytus back from the dead.

Asclepius

5. Created from a submerged volcano crater or built up on a sunken bank, it is circular in nature; the water captured inside it is called a lagoon. FTP, give the name of this landform, usually found in the Pacific Ocean.

A: atoll

6. Actually named Marcus Aurelius Antoninus, he received his nickname from the long, hooded gallic tunic that he wore. FTP who is this Roman emperor who succeeded to the throne with his brother Geta but had Geta assassinated and ruled alone from 211 to 217?

Caracalla

7. First characterized by David Keilin, they consist of a central heme and different side chains. One type is a small protein easily extracted from mitochondria; others are integral membrane proteins and their structure is not well-known. FTP, name this group of proteins, essential to respiration, who catalyze the reduction of oxygen to water, the final step in the electron transport chain.

A: cytochrome

8. It begins in chaotic fashion, sounding as if the orchestra were tuning its instruments. A scherzo/trio movement comes second, with an Adagio third. Dominant is the theme of order emerging from chaos. Best known is the finale of the Fourth movement, in which dissonance gives way to a chorus of human voices. FTP identify the work described above, first performed in May of 1824, alternately titled "Opus 125," composed by Ludwig van Beethoven.

A: Beethoven's Ninth or Choral Symphony in D Minor or (accept Opus 125 on an early buzz)

9. His poem "The Old Man's Comforts" was parodied in Lewis Carroll's "Father William," and he was the target of Byron's satire as well. FTP name this author of the poems "Nelson," "Wesley," and "Cowper," who served as poet laureate from 1813 to 1843.

Robert Southey

10. From a communist family, he was imprisoned for 10 years by the Nazis for party activities. After World War II, he joined the Socialist Unity party and rose in the bureaucracy. He joined the secretariat of the central committee in 1958, and in 1971 succeeded Walter Ulbricht as party leader. FTP name this former East German leader, who died in exile in Chile after the fall of his government.

Erich_Honecker_

11. A disciple of I. V. Michurin, his theories were offered as Marxist orthodoxy and won official support in 1948 of the Soviet Central Committee. As the president of the Academy of Agricultural Sciences and head of the Institute of Genetics, he rejected Mendelism. FTP name this Russian agronomist, who held back Russian biology for 30 years.

Trofim Denisovich_Lysenko_

12. In the late 1960's, he killed his sister and was sent away to a mental institution. He, played by Tony Moran and later George Wilbur, returned periodically to the small Illinois town of Haddonfield, to use his superhuman strength and ability to cheat death to terrorize the populace, especially his ex-shrink Dr. Sam Loomis, played by Donald Pleasance. FTP name this notorious celluloid serial killer, who appeared in the "Halloween" series.

Michael_Myers_

13. Part of Caucasian Albania called Artsakh, Shusha is a main city. The area was conquered by Arabs in the 7th century. Passing to the Persians in the early 17th century, it became a Russian province in 1822. FTP name this region, part of Azerbaijan, with a population 76% Armenian.

Nagorno-Karabakh

14. Goethe published a modern version, _Reineke Fuchs_, as Jakob Grimm had in 1834; Caxton translated the original into English and Chaucer used it as the source of his Nun's Priest's Tale. FTP name the French, German, and Flemish body of tales whose characters include Brun, Tibert, Noble, Chanticleer, and Ysengrin as well as the vulpine title character.

Reynard the Fox or _Roman de Renart_ etc.

15. One of the 20 amino acids, only the L-stereoisomer is usually found in mammalian protein. With a CHCH₃-CH₂-CH₃ sidegroup, it can not be synthesized by humans. FTP name this amino acid, which can build to dangerous levels in people who suffer from maple syrup urine disease.

Isoleucine

16. He brought the local Farmer and Labor Party into the Democratic fold in his home state. Elected mayor of Minneapolis in 1945, this ardent New Dealer became the first Democrat ever elected to the US Senate from Minnesota; he died in office in 1978. FTP name this ardent New Dealer, who elected to five terms in the senate, and one as the vice-president.

Hubert Horatio_Humphrey_ II

17. Commonly used in contempt proceedings, this writ can also be an order for a lawman to seize certain property. FTP name this legal term denoting an order to a sheriff to seize a person and bring him or her before the court.

Writ of _Attachment_ or _Body Attachment_

18. The first and last names as well as the positions are the same - both play left guard. One is the 1993 Lombardi trophy winner out of Notre Dame. The other is the 1997 Outland trophy winner out of Nebraska. FTP give the common name for the two offensive linemen, the elder is the starting left guard for the Green Bay Packers.

Aaron Taylor

19. Schroedinger's Cat is not just a physics conundrum. It is also a sci-fi novel by this man, who also wrote the novels The Earth will Shake, The Widow's Son and The Golden Apple. FTP name this American writer who collaborated with Robert Shea in the Illuminatus Trilogy.

Robert Anton_Wilson_

20. Part of a branch of physics dealing with nothing, it could be a source of limitless energy. Because activities under a Planck-second can violate the laws of physics, some scientists are studying vacuums to see if energy carried in virtual particles can be tapped. FTP give the name for this energy, which is related to the cosmological constant.

Zero-Point Energy

21. Named after a twelfth-century French romance in which it was used, it was introduced in England by Michael Drayton and is used as the final line of a Spenserian stanza. FTP name the poetic form, the standard in classical French heroic drama, consisting of 6 iambic feet.

Alexandrin

22. Characterized by vascular skin tumors, it appears in three forms and is endemic in Africa, accounting for 10% of the malignancies in Zaire and Uganda. FTP name this fatal cancer which appears in one-third of AIDS patients.

Kaposi's Sarcoma

23. In astronomy, the term is a measure of how much of the illuminate surface of a planet or a satellite can be seen from a point at a distance from the body. In chemistry, the term refers to state of matter. FTP name this science term to which both gibbous and plasma can refer.

Phase

24. The last name is the same - one was an American tennis player who died in 1953 after a storied career in Davis Cup and professional tournaments. The other was an American politician who was elected governor of New York in 1874. FTP give the common name, the latter losing the Presidential election on March 2, 1877.

Tilden

25 Pencil and Paper might be needed. How many nuclear fissions of uranium-235 does it take to produce 1 joule of energy, given that each reaction releases 200 million electron volts and that one electron volt is 1.6 times ten to the negative nineteenth joules.

3.125 times ten to the tenth

26. Dave Barry says that if you stand next to someone who lived through this for more than two minutes, he will tell you about it in great detail. Over four years, the GNP dropped by 48% and unemployment soared to 33%. FTP name this period in American and world economic history, which sounds like an area in Australia.

The Great Depression

Bonus Questions (by UMCP III)

1. Identify these G. B. Shaw plays FTP each.

a. The conflict between Larry Doyle and Tom Broadbent reflects the conflict over Irish home rule.

Answer: John Bull's Other Island

b. This satire of romantic attitudes about war is set in Hungary.

Answer: Arms and the Man

c. The characters, gathered at the home of a sea captain, represent the evils of the modern world.

Answer: Heartbreak House

2. Name the artist from works, 30-20-10

30. Landscape with an Obelisk, Wedding Night of Tobias and Sarah

20. The Polish Rider, Lady with a Pink

10. Belshazzar's Feast, Aristotle Contemplating a Bust of Homer

Answer: Rembrandt van Rijn

3. Given a state motto, name the state 10 points each. You'll receive five points if you need the nickname.

a. 10 : "With God all things are possible"

5 : Buckeye State

A: Ohio

b. 10 : "To the stars through difficulties"

5: Sunflower State

A: Kansas

c. 10: "I direct."

5: Pine Tree State

A: Maine

4. Provide the physical constant given the value, FTPE

4.316*(10)⁻¹⁵ electron volt-seconds Planck's Constant

6.667*(10)⁻¹¹ Newton meters squared per kg squared gravitational constant

1.602*(10)⁻¹⁹ Coulombs charge of electron

5. Name the actress from a list of movies in which she starred FTPE each.

1. Mata Hari, Anna Christie, Ninotchka

Answer: Greta Garbo (or Gustafson)

2. Female on the Beach, Mildred Pierce, What Ever Happened to Baby Jane?

Answer: Joan Crawford

3. Nothing Sacred, My Man Godfrey, Twentieth Century

Answer: Carole Lombard

6. Name the NASA mission from a brief description FTPE:

a. Launched October 6, 1990, this satellite flies over the poles of the sun to investigate phenomena that can not be seen from Earth:

Ulysses

b. Launched in the early sixties, these were the first US probes of the moon.

Ranger

c. Launched in early 1996, this space craft is designed to rendezvous with the asteroid Eros in 1999. Give the four letter abbreviation by which it is known.

NEAR (Near-Earth Asteroid Rendezvous)

7. Given the monarch, name his or her father - FFPE

Henry I of France Robert II

Henry II of France Francis I

Henry IV of England John of Gaunt

Edward VI of England Henry VIII

Victoria of England Edward Duke of Kent

Nicholas I of Russia Paul I

8. Give the author of the following Greek plays, FTPE

"The Persians" Aeschylus

"The Knights, The Acharnians" Aristophanes

"The Arbitration," "The Shearing" Menander

9. Name the composer of the following works, FTPE

"Carnival of the Animals" Camille Saint-Saens

"Florida" and "Brigg Fair" Frederick Delius

"Erikoenig," The "Trout" Quintet Franz Schubert

10. It underwent a major restoration during the 1980's ; for a few months it was the world's tallest building. FTP identify this building, Designed by William Van Alen, it was built between 1926 and 1930. FTP identify this building, the epitome of the art deco skyscraper, whose distinctive spire is prominent in Manhattan's skyline.

A: Chrysler Building

11. Name the Schoolhouse Rock song from the clues provided FTPE

a. A simple explanation of how the nervous system works, with a delivery boy passing on messages to people in trouble.

Telegraph Line

b. A cute young alien who travels like a rocket with her comet team explores the solar system.

Interplanet Janet

c. Manifest Destiny and the Louisiana Purchase are describe in this ditty which ignores the plight of Native Americans, but projects lunar colonization

Elbow Room

12. The Crusades established five principal Crusader states in the Holy Land: 2 kingdoms, 2 counties and 1 principality. FFPE plus a five point bonus for putting them in the correct category, name them.

Kingdoms: Armenia, Jerusalem

Counties: Edessa, Tripoli

Principality: Antioch

13. I will give three characters from a Shakespearean play, you name the play for ten points each.

Cinna, Strato and Lepidus Julius Caesar

Betram, Helena and Diana All's Well That Ends Well

Prince of Aragon, Nerissa, Gratiano The Merchant of Venice

14. Name the singers or groups who performed the following James Bond theme songs, FFPE.

"Diamonds are Forever" Shirley Bassey

"A View To A Kill" Duran Duran

"You Only Live Twice" Nancy Sinatra

"All Time High" (from Octopussy) Rita Coolidge

"From Russia with Love" Matt Munro

"Tomorrow Never Dies" Sheryl Crow

15. Name the supreme court cases from 1997 given clues for 15 points each.

a. In a landmark 7-2 ruling that extended the right of free speech to the internet, the justices overturned portions of the 1996 Communications Decency Act that made it a crime to transmit "indecent" material over computer networks that children might access.

Reno Vs American Civil Liberties Union

b. The 1996 Line-Item Veto Act survived its first major test on June 26 when the Court held 7-2 that members of Congress who had challenged it in a suit lacked standing to sue because they had suffered no personal injury. The constitutionality of the act was not ruled upon.

Raines v. Byrd

16. Name the author from works on a ten five basis.

10) Pincher Martin (1956) 5) The Inheritors

William Golding

10) Fern Hill 5) Under Milk Wood

Dylan Thomas

10) The Americans -The National Experience

5) The Discoverers and The Creators

Daniel Boorstein

17. Given the yucky thing, name the disease that it causes. 5-10-15

5) Herpes zoster virus

Chicken Pox

10) The bacteria Yersinia pestis

Bubonic Plague

15) The bacteria Borrelia

Lyme disease

18. According to NEXIS, six business moguls received more than 6000 citations in 1996. FFPE name them ; the list includes one presidential candidate, three baseball owners, two rival media moguls, one software baron, and one movie studio head .

Steve_Forbes_, Rupert_Murdoch_, Bill_Gates_,
Steven_Spielberg_, George_Steinbrenner_, Ted_Turner_

19. With the Olympics approaching it is time to remember all the ice skating stuff you can. FFPE name the six basic jumps of figure skating:

Salchow, Axel_, _Lutz_, _Loop_, _Toe Loop_, _Flip_

20. Mt. McKinley is the tallest mountain in the United States, but name any three of the next four tallest mountains for ten points each. Hint: all are in Alaska.

Mt._St. Eilas_(18,008)
Mt._Foraker_(17,400)
Mt._Bona_(16,500)
Mt._Blackburn_(16,390)

21. Pencil and paper ready. If a ball with $\frac{7}{8}$ elasticity (meaning a fall of 16 feet would result in a bounce of 14 feet) were to fall from a height of one foot, how far would the ball travel (both up and down) until it came to a rest.

15 Feet (1 + 2*(7/8)
1 - 7/8

22. For five points each, name the three men who won the 1997 Nobel Prize in Chemistry for their study of enzymes underlying the synthesis of adenosine triphosphate.

Paul_Boyer_, John_Walker_, Jens_Skou_

Now, you'll receive five points for each of the 1996 winners of the Nobel prize in Chemistry.

Harold_Kroto_, Robert_Curl_, Richard_Smalley_

23. 30-20-10, name the disease

30pt) Also known as woolsorter's disease, it was the first disease proven to be spread by a microorganism.

20) Louis Pasteur developed the vaccine for this disease, which was discussed by Defense secretary Cohen when talking about the Iraqi biological weapons program.

10) Spread predominately by sheep, it is cause by a bacteria of the genus Bacillus.

Anthrax

24. Given the major women's college basketball team, name the coach of said team. FTPE

Tennessee Pat SUMMITT
Stanford Tara VANDERVEER
UCONN Geno AURIEMMA

The George Washington University Trivia Club
Hosts of the 4th Annual Juan Carlos Viscerra Memorial Invitational
Tim Young, President Jeff Boulier, Vice-President