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Questions for the 1991 Sunshine State Invitational
Questions by Stetson University
Tossups

1. This Roman emperor who ruled from 284 to 305 AD divided the Roman Empire into four administrative areas and formed the tetrarchy. He is best remembered, though, for the last great persecution of the Christians. For 10 points - name him.

Answer: Diocletian

2. There is an interesting anomaly in calculus. This figure can be filled with pi gallons of paint, but cannot be covered as it has an infinite surface area. For 10 points - name this famous volume of revolution.

Answer: Gabriel's Horn

3. This French artist who lived from 1594 to 1655 is known for establishing Classicism in his grandly severe and regular canvasses. Although French, he spent much of his life in Rome and is known for such works as *The Burial of Phocion*. For 10 points - name him.

Answer: Nicolas Poussin

4. For 10 points - identify the common year from these events: Arthur Miller wins the Pulitzer Prize for *Death of a Salesman*, Margaret Mitchell Dies, Konrad Adenaur becomes the first Chancellor of the Federal Republic of Germany, NATO is formed, and Communists occupy Peking.

Answer: 1949

5. For a quick 10 points - identify the religious cult associated with Rashnu, Sraosha, Ahura Mazda, and Ahriman.

Answer: Mithraism

6. Some people smell the color blue, or feel the flavor of maple syrup, or see a saxophone's notes. In other words - they experience a crossing of the senses. For 10 points - what is the formal name given to this condition?

Answer: Synesthesia

7. In the first part of Dante's *Divine Comedy*, "The Inferno, the poet-persona is guided through the lower regions by - for 10 points - which famous ancient poet?

Answer: Virgil

8. Ulm, Regensburg, Linz, Vienna, Budapest, and Belgrade all - for 10 points - share what geographical feature?

Answer: They all are on the banks of the Danube River

9. This country of almost six million people became independent from Belgium on July 1, 1962. Today its main exports are coffee and tea. For 10 points - name this central African nation with its capital at Kigali.

Answer: Rwanda

10. The geographic distribution of blood types is irregular. In fact, one group is completely absent in both American Indian and Australian aborigines that haven't mixed with Europeans. For 10 points - name this blood type.

Answer: B

11. "A Song for a Barbarian Reed Pipe," "At the Western Palace," "Shaman," "White Tigers," and "No Name Woman" are the chapters of Maxine Hong Kingston's 1976 book, which is subtitled *Memoirs of a Girlhood Among Ghosts*. For 10 points - what is the title of this Chinese-American's work?

Answer: The Woman Warrior

12. Only 4416 square miles in area, this Persian Gulf country has only been independent of British protection since 1971. 91 percent of its exports are crude oil. For 10 points - name this country on the Arabian peninsula which borders only on the United Arab Emirates and whose capital is Doha.

Answer: Qatar

13. For a quick 10 points - name any THREE elements of the classic periodic table that are in Group V (five).

Answer: Nitrogen, Phosphorus, Arsenic, Antimony, Bismuth
(Remember that they need three answers!)

14. An example of this type of weapon is the Stinger anti-tank missile; another is the laser-guided bomb. These weapons are both the hope and fear of modern nations as technology makes its presence felt on the battlefield. For 10 points - what is the colloquial name for these intelligent instruments of warfare?

Answer: Smart weapons

15. TWO PIECES OF INFORMATION ARE NEEDED. *Slouching Toward Bethlehem*, *Ceremony of the Innocent*, and *Things Fall Apart* are all novels which take their titles from lines of a single poem. For 10 points - name the poem and poet.

Answer: The Second Coming by William Butler Yeats

16. General Douglas MacArthur, Army Chief of Staff, elected to carry out President Hoover's orders himself on July 28, 1932. MacArthur, aided by future generals Patton and Eisenhower, led two infantry regiments, a machine gun detachment, and six tanks against - for 10 points - what army?

Answer: The Bonus Army or Bonus Expeditionary Force

17. One of his short story collections includes "Rescue Party," "Guardian Angel," "Breaking Strain," "Jupiter V (five)," "Refugee," "The Wind from the Sun," "A Meeting with Medusa," "The Songs of Distant Earth," and the title story, "The Sentinel" which was the predecessor to his *2001: A Space Odyssey*. For 10 points - name this author.

Answer: Arthur C. Clarke

18. For a quick 10 points - what constant is equal to 0.00821 cubic deciliters - atmospheres per degree Kelvin - mole, better known as "R"?

Answer: The Ideal (or Universal) Gas Constant

19. This man attended Allegheny College for less than a year before enlisting in the Army where he rose to the rank of major, later becoming the last Civil War veteran to be elected President. He served as a Representative from Ohio from 1876 to 1891 and defeated William Jennings Bryan for President in 1896. For 10 points - name him.

Answer: William McKinley

20. For 10 points - identify the phrase coined by John L. O'Sullivan in 1845 which came to symbolize the idea that America was chosen by God to expand her boundaries to the Pacific Ocean.

Answer: Manifest Destiny

21. This man was born in Nelahozeves in present-day Czechoslovakia in 1841 and was a close friend of Brahms. In 1892, he accepted the post of director of the newly established National Conservatory in New York. In his three years in America, he traveled as far west as Iowa before returning to his native Bohemia. For 10 points - name this composer of the *New World Symphony*.

Answer: Antonin Dvorak

22. For a quick 10 points - name the 1990 winner of the Heisman Trophy.

Answer: Ty Detmer

23. For another quick 10 points - name the first Secretary-General of the United Nations.

Answer: Trygve Lie (Pronounced "Lee")

24. During his reign, he guided England in the War of Jenkin's Ear, the War of the Austrian Succession, and a revolt by the Young Pretender. For 10 points - name this monarch who reigned from 1727 to 1760 and was the last English sovereign to appear in battle.

Answer: George II

25. In 1940, Ernst Mayr of Harvard University set forth a definition as follows: "Groups of actually or potentially interbreeding natural populations which are reproductively isolated from other such groups." For 10 points - what are these taxonomic groups usually called?

Answer: Species

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Boni

1. (30 Pts.) This bishop of Constantinople, who reigned from 428 to 431, objected to the title "Mary, Mother of God" and his namesake sect still exists today believing in the full humanity of Christ's human nature which divides Him into two Persons. For 30 points - name this Christian heretic exiled at the third ecumenical conference at Ephesus.

Answer: Nestorius

2. (20 Pts.) Your bonus deals with singles of the musical variety. For 10 points apiece - answer these questions concerning top singles.
1. Name the top single of the 1980s which sold over four million copies for charity.
 2. Name the group of rock star daughters who had the top pop single of 1990 with "Hold On."

Answer: 1. We Are the World 2. Wilson Phillips

3. (30 Pts.) Silver has an atomic number of 47 and Ag is its symbol. But for 5 points apiece - can you identify (in any order) the six leading silver producing countries in the world?

Answer: Canada, Soviet Union, Mexico, Peru, United States, Australia

4. (30 Pts.) The field of Physical Chemistry is normally divided into three sections, each covering a different aspect of chemistry. For 10 points each - name these sections.

Answer: Thermodynamics, Kinetics, Quantum Theory or Chemistry

5. (25 Pts.) Identify the place, 25-10.
1. Wine growing in California began here before moving slowly north and south along the coast in the isolated Franciscan missions.
 2. Each year the swallows return here to nest.

Answer: San Juan Capistrano

6. (25 Pts.) Hopefully, Rod Rust and Ray Perkins will never get the chance to even approach 200 wins as a NFL coach. In fact, only five men have reached this plateau. For 5 points each - name them.

Answer: George Halas, Tom Landry, Don Shula, Curly Lambeau,
Chuck Noll

7. (30 Pts.) Answer these questions about this space probe for 5 points each:
1. It is the nation's oldest operating spacecraft, just having celebrated its silver anniversary.
Answer: Pioneer 6
 2. In what year was Pioneer 6 launched?
Answer: December 16, 1965
 3. Who built it?
Answer: TRW Inc.
 4. What was its original mission?
Answer: Solar weather station
 5. Pioneer 6 has cost about four-hundredths of a cent per mile traveled. Within 200 million miles, how far has it traveled?
Answer: 15.4 billion miles (accept 15.2-15.6 billion)
 6. Though cheap by the mile, it was rather costly by the pound. Within ten pounds, how much did Pioneer 6 weigh?
Answer: 140 pounds (accept 130-150)
8. (30 Pts.) Identify this president, 30-20-10.
1. He served as honorary chancellor at the University of Buffalo and helped found Buffalo General Hospital after his years in the White House.
 2. He ran for president in 1856 on the Whig Party and Know-Nothing Party tickets.
 3. He served as vice president to "Old Rough and Ready."
- Answer: Millard Fillmore
9. (30 Pts.) Name this author, 30-20-10.
1. Born December 30, 1865 to John and Alice and began his education in England at Southsea when he was 6. He was frequently beaten and accused of lying, hypocrisy, and the sin of "showing off." He was referred to as the "black sheep" of the family.
 2. He joined the staff of the *Civil and Military Gazette* in Lahore, India at the age of seventeen. In 1886 he became known for his *Departmental Ditties*.
 3. Among his short stories are *Baa, Baa, Black Sheep*, *Georgie Porgie*, *The Strange Ride of Morrowbie Jukes*, and *The Man Who Would Be King*.
- Answer: Rudyard Kipling

10. (30 Pts.) How many of you College Bowlers paid attention in your music classes? Well, we'll see. Answer these questions about composers and their compositions for 15 points each.

1. Prokofiev wrote *Peter and the Wolf*, but in what year did it premiere?

Answer: May 2, 1936

2. From the 1970's, the charming *Toy Symphony* had been attributed to either Joseph Haydn or his brother Michael, but in 1951 E.F. Schmid announced that he had found the original of the work. To what composer, living from 1719 to 1787, did Schmid credit the work?

Answer: Leopold Mozart

11. (25 Pts.) It sits next to the Tapping Reeve House and is portrayed on the backrest of the L. Hitchcock Co.'s Bicentennial limited edition chair. For 20 points, give the name of America's first law school, founded in 1784.

Answer: Litchfield Law School

For an additional 5 points, in which state can one find the Litchfield Law School?

Answer: Connecticut

12. (30 Pts.) For 10 points apiece, answer these questions about economics.

1. Name the author of the 1890 work *Principles of Economics* who stated that utility and costs are the joint determinants of success.

Answer: Alfred Marshall

2. What is the economic term for the responsiveness or sensitivity of demand to a change in price?

Answer: elasticity or elasticity of demand

3. What is the economic name for the total money supply in its most liquid form (coin, banknotes, and immediately cashable checks)?

Answer: M1

13. (25 Pts.) Many College Bowlers are familiar with Gibbon's *The Rise and Fall of the Roman Empire*, but let's test your familiarity only with the fall of the Roman Empire. For 5 points apiece:

1. When did the western part of the empire fall?

Answer: 476 AD

2. Who was the last emperor in the West?

Answer: Romulus Augustulus

3. What Ostrogoth deposed Romulus Augustulus?

Answer: Odoacer ("ODO-ACE-her") or Odovacar

4. In what city did Odoacer depose Augustulus?

Answer: Ravenna

5. Who was the emperor in the East in 476?

Answer: Zeno

14. (30 Pts.) Name this influential religious figure, 30-20-10.
1. He was called to preach in Gloucester, England and became the first great open-air evangelist.
 2. He had a profound influence on John Wesley, the founder of Methodism, and challenged Wesley to take his message to the masses outside the church.
 3. He was an influential leader of the Great Awakening.

Answer: George Whitfield

15. (20 Pts.) Though its official title is "Handbuch der Organischen Chemie," or handbook of organic chemistry, it is hardly that. It is a multi-volume work that lists every known organic chemical, and at better than ten grand for the current edition, it costs a little more than a normal handbook, too. For 20 points, what is this important chemical reference work?

Answer: Beilstein

16. (30 Pts.) Edgar Allan Poe--to know him is to do well on this bonus. I'll give you some excerpts from a couple of his works, and you tell me what they are, for 15 points each.

1. "But in the western of black chamber the effect of the firelight that streamed upon the dark hangings through the blood-tinted panes was ghastly in the extreme, and produced so wild a look upon the countenances of those who entered, that there were few of the company bold enough to set foot within its precincts at all."

Answer: The Masque of the Red Death

2. "Gaily bedight, A gallant knight, In sunshine and in shadow, Had journeyed long, singing a song, In search of 'blank'." Fill in the blank and you name the work.

Answer: Eldorado

17. (20 Pts.) With Congress raising its salaries again, perhaps many are wishing that all of the articles of the original Bill of Rights had become amendments to our Constitution. But they did not. For 10 points apiece - give the number of the original article that concerns Congressional pay, and what it would have prevented.

Answer: The Second article, and it would prevent salary increases for present term of office (accept equivalent)

18. (30 Pts.) All College Bowlers know that the five largest islands in the world are Greenland, New Guinea, Borneo, Madagascar, and Baffin. For 5 points apiece, and a 5-point bonus for all correct, name the sixth to tenth largest islands in area, in any order.

Answer: Sumatra, Honshu, Great Britain, Victoria, Ellesmere

19. (30 Pts.) For 5 points apiece, identify the nicknames of these major university teams.

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| 1. Arizona | Answer: <u>Wildcats</u> |
| 2. Baylor | Answer: <u>Bears</u> |
| 3. Brigham Young | Answer: <u>Cougars</u> |
| 4. Oregon | Answer: <u>Ducks</u> |
| 5. Texas Christian | Answer: <u>Horned Frogs</u> |
| 6. Stetson | Answer: <u>Hatters</u> |

20. (30 Pts.) A 30-20-10 bonus on a living author.

1. Her works often deal with housewives who slowly go insane and then die, as in her first novel, *The Grass is Singing*, set in South Africa.
2. In her much-anthologized short story, *To Room Nineteen*, the main character also dies after going mad--but she kills herself instead of being killed by a household servant.
3. Now living in England, perhaps her most famous work is *The Golden Notebook*.

Answer: Doris Lessing

21. (20 Pts.) Their work began with gondolas for high-altitude balloons.

Jean and Auguste were born in Basel, Switzerland in 1884. By 1931, August had reached a height of 51,961 feet above Germany, and in 1932 Jean reached 57,579 feet above Michigan. In the 1940's Auguste turned to exploring the ocean. In 1948, he designed and built a bathyscaphe, the "Trieste," with the aid of Max Cosyns. In September 1953, Auguste and his son Jacques reached a depth of 10,330 feet. In 1959 the US Navy bought the "Trieste," and in 1960 Jacques took part in its 35,800-foot dive into the Mariana Trench. For 20 points - give the family name.

Answer: Piccard

22. (25 Pts.) For 5 points apiece, identify the representative by the country he represented at the Congress of Vienna in 1815.

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| 1. France | Answer: <u>Talleyrand</u> |
| 2. Russia | Answer: <u>Alexander I</u> |
| 3. Austria | Answer: <u>Metternich</u> |
| 4. Prussia | Answer: <u>Hardenberg</u> |
| 5. Britain | Answer: <u>Castlereagh</u> or <u>Wellington</u> |

23. (20 Pts.) It is used by many doctors of both human and animal medicine. It is a memory aid to assist in the diagnosis and treatment of conditions the physician doesn't normally see. It also includes some reactions to drugs, but that is not its main purpose. For 20 points name this manual.

Answer: The Merck Manual

24. (30 Pts.) Identify this American, 30-20-10.
1. Born on April 27, 1791 in Charleston, Massachusetts, he went to London in 1811 and was accepted by the Royal Academy of Arts.
 2. He was nicknamed the "American Leonardo." His painting *The Gallery of the Louvre* was bought in 1982 for 3.25 million dollars.
 3. He is better known, however, for sending a message on May 24, 1844 from Washington to Baltimore.

Answer: Samuel F.B. Morse

25. (20 Pts.) For 5 points apiece and a 5 point bonus for all correct, name "Weird Al" Yankovic's first three albums.

Answer: "Weird Al" Yankovic (1983)
In 3-D (1984)
Dare to be Stupid (1985)