

June 16, 1991
1/21/98Round 2
Tossups

Kentucky Headhunters

1. The National Hurricane Center rotates Atlantic tropical storm name lists on a six-year basis, replacing names only when devastating storms lead to the retirement of the name. This year, the name Humberto replaced, FTP, which storm that still had tropical characteristics when it struck Charleston, West Virginia?

A. Hugo

2. The assassination of Yitzhak Rabin by Yigal Amir shocked the world two weeks ago. Although he claims to have acted on his own, he has been linked, FTP, to which offshoot of the right-wing Kach movement?

A. Eyal

3. After a somewhat auspicious beginning as a child star on Nickelodeon's "You Can't Do That On Television," this Canadian turned to the music business, scoring her first chart hit with 1995's "You Oughta Know". FTP, identify this pop singer, whose debut album, "Jagged Little Pill," recently attained platinum status.

A. Alanis Morissette

4. The SR-71 Blackbird reconnaissance aircraft is flown for the first time. The Verrazano-Narrows Bridge opens in New York. The U.S. Surgeon General first reports that cigarette smoking is a health hazard. FTP, in which year did all of these events occur?

A. 1964

5. Take the number of stars on the US flag as of July 4th, 1912. Subtract the number of Canterbury tales. Divide the result by the number of moons that are known to orbit Mars. FTP, what is your answer?

A. 12 (48 - 12) / 2.

6. When this character awakens at the very beginning of a novella, he finds that he has been transformed into a "monstrous vermin." FTP, identify this main character of Kafka's "The Metamorphosis."

A. Gregor Samsa

7. For a quick ten points, name the two Canadian provinces that are home to NBA franchises.

A. British Columbia and Ontario

8. Looking at the title on the playbill, you'd think that the show was about a medical book, but it turns out to be the writer's account of dealing with a retinal disorder called macular pucker. The show was directed by Renee Sharfransky and starred the writer, who has also appeared in "The Killing Fields" and "Beaches." FTP, name the show.

A. Gray's Anatomy

9. This organic compound results when a hydrogen atom on an aromatic ring is replaced by a hydroxyl group. FTP, name this compound with chemical symbol C_6H_5OH .

A. Phenol (Accept "phenyl alcohol")

10. Although this building is not often thought of as a memorial, Congress has designated it as the official memorial in Washington to its namesake. FTP, name this building which opened in 1971 and was also designated by Congress as the National Cultural Center.

A. John F. Kennedy Center for the Performing Arts

11. Often the size of a state is not a good indicator of its population--Alaska is the largest state in the union but ranks in the bottom five in population. Of the five states ranking the highest in population, FTP, which is smallest, ranking 33rd in area?

A. Pennsylvania

12. After meeting Oscar Wilde, he turned to writing and published two nearly-forgotten novels called "The Watter's Mou" and "The Shoulder of Shasta". However, he was not discouraged and later wrote "The Lair of the White Worm." FTP, identify this son of an Irish civil servant whose most famous works concerns the actions of a certain Transylvanian.

A. Bram Stoker

13. This character from Greek mythology was condemned to stand in a pool of water which lowered itself whenever he learned over to drink and cursed with an insatiable thirst. From his name arises an English word synonymous to teasing and tormenting. FTP, name this character.

A. Tantalus

14. Picture two spheres of equal mass separated by a certain distance. If the distance between the spheres is doubled and the mass of each sphere is halved, FTP, by what number is the gravitational force between the two original spheres multiplied to get the force between the new spheres?

A. 1/16

15. Recently making the news were a pair of commemorations in Virginia of a 1988 event that occurred thousands of miles away. The "official" commemoration involved the dedication of a memorial cairn in Arlington; the unofficial commemoration was in protest of the United States' inability to find those responsible for the Pan Am Flight 103 explosion over FTP, which city in Scotland?

A. Lockerbie

16. The algorithm for subtraction used by computers does not subtract the subtrahend from the minuend; rather, it adds the minuend to a number derived from the subtrahend by replacing ones with zeroes and vice versa. FTP, what name is given to this derived number?

A. two's complement (also accept ^{butt head} ~~one's complement~~)

17. This ruler of Egypt's 18th dynasty served as regent for a child. The ruler built many monuments but eventually lost the throne to her son, Thutmose III. FTP, name this female pharaoh.

A. Hatshepsut

18. Dan Marino has been breaking records left and right this season. One of the most prestigious records most recently broken is that of total passing yardage. FTP, which former Minnesota Viking formerly held that record?

A. Fran Tarkenton

19. On the Mohs hardness scale, this substance has a value of 8. This substance also symbolizes fidelity and is the birthstone of November. FTP, name it.

A. Topaz

20. Civil strife has plagued this country for 12 years, with over 37,000 casualties being attributed to the continuing strife between the ruling Buddhist government and rebel Muslims. Recent offensives have been concentrated on the northern peninsula of Jaffna. FTP, name this island nation.

A. Sri Lanka

21. "Henderson is waiting for the sun," sing Counting Crows in their 1994 hit "Rain King". The song is based on a book entitled "Henderson the Rain King." FTP, identify the author of this work, better known for such novels as "Humboldt's Gift."

A. Saul Bellow

22. He wrote and directed "Westworld" and has since emerged as one of America's premier popular authors. Among his works are "Eaters of the Dead", "Sphere", and "The Great Train Robbery". One of his more recent successes is his credit as creator of the hit TV series "E.R." FTP, identify this "Time" magazine cover boy and author of "Jurassic Park".

A. Michael Crichton

23. This Pacific trench is the result of the collision of two tectonic plates--the South American continental plate with the smaller Nazca plate. FTP, identify this trench largely responsible for the formation of the Andes mountains.

A. Peru-Chile Trench

24. 1951 saw the conviction of three US citizens in a highly publicized wartime espionage case. Two of the three guilty parties were executed two years later; the third received a 30-year sentence. FTP, name the man who, unlike the the Rosenbergs, was not executed.

A. Morton Sobell

25. In this age of base closings, governors normally bend over backwards to keep bases open. However, one governor is refusing to renew leases for military bases as a result of the rape of a 12-year-old girl by U.S. servicemen. FTP, this governor rules which Japanese island?

A. Okinawa

26. When the Titanic sank on 14 April 1912, the tragedy could have been lessened had a nearby ship responded to a distress call. FTP, name this ship which shares its name with a resident of the 31st state to enter the union.

A. The Californian

27. Author of "Philomena", this 12th-century French cleric is better known for later works such as "Erec et Enide", "Lancelot, or the Knight of the Cart", and "Cliges." FTP, identify this Frenchman, considered by many the progenitor of the Arthurian legends.

A. Chretien De Troyes

Round 2 Bonuses

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Twenty

1. Let's see how well you know your French rivers. I'll name a French city, you name the major river on whose bank that city is located, FFPE.

- | | |
|-------------|-------------------|
| 1) Paris | A. <u>Seine</u> |
| 2) Orleans | A. <u>Loire</u> |
| 3) Bordeaux | A. <u>Garonne</u> |
| 4) Lyon | A. <u>Rhone</u> |

Thirty

2. There are a large number of enzymes responsible for digestion in the human body. For ten points each, name the enzyme from the description.

1) The primary enzyme found in saliva that is responsible for the breakdown of starch and glycogen.

A. amylase

2) The enzyme of the pancreas that breaks down triglycerides.

A. lipase

3) The enzyme that breaks down milk sugar.

A. lactase

Thirty

3. Many people are aware that Mary Woolstonecraft Shelley wrote "Frankenstein" as the result of a ghost-story-writing contest in which she and three of her friends participated. For ten points each, identify the other three participants, whose entries are less famous.

A. George Gordon or Lord Byron; Dr. John Polidori, Percy Bysshe Shelley

Thirty

4. Ten points each for identifying these female rockers from the title of their debut album:

- | | |
|-------------------------------|---------------------------|
| 1) "Cockamamie" | A. Jennifer <u>Trynin</u> |
| 2) "Exile in Guyville" | A. Liz <u>Phair</u> |
| 3) "Tuesday Night Music Club" | A. Sheryl <u>Crow</u> |

Twenty

5. For five points each, I'll name a country and you name its official currency.

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- | | |
|--------------|-------------------|
| 1) Australia | A. <u>dollar</u> |
| 2) India | A. <u>rupee</u> |
| 3) Norway | A. <u>kroner</u> |
| 4) Malaysia | A. <u>ringgit</u> |

Twenty

6. According to one legend, in 1824, this sea captain from Salem, Massachusetts, raised the United States flag on his brig, the Charles Doggett. He said, "I name thee Old Glory." For twenty points, name this man who gave our flag its name.

A. William Driver

Thirty

7. Whether you prefer to or not, identify the following for fifteen points each.

1) First, which literary character has the trademark of repeatedly speaking the line "I would prefer not to"?

A. Bartleby

2) Now give the complete title and subtitle of the Herman Melville work in which Bartleby appears.

A. Bartleby the Scrivener: A Story of Wall Street

Thirty

8. Being an odd year, this year's elections were mostly mayoral. Since it would be unfair to ask about Kentucky's gubernatorial election, let's focus on Baltimore, for 15 points each.

1) First, which Democrat won a third term as mayor of that city?

A. Kurt Schmoke

2) Which title did he accidentally use to refer to himself during his first mayoral inaugural address?

A. Governor (of Baltimore)

Thirty

9. 30-20-10: Name this part of human anatomy.

30: This structure contains the remains of the thymus gland and has two layers in humans, one fibrous and one serous.

20: It is located between the lungs and rests upon the bronchi and esophagus.

10: This sac envelopes and protects the heart.

A. pericardium

Thirty

10. Answer these questions about Dr. Joyce Brothers, FTPE.

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1) In which movie did she have a cameo appearance as a baseball analyst?

A. The Naked Gun

2) In which game show did she first receive national prominence?

A. The \$64,000 Question

3) On which topic were her grand prize questions on that show?

A. boxing

Thirty

11. 30-20-10: Identify this person, first and last name required.

30: His name literally means "little dragon" or "little devil."

20: Known as "the Impaler," he was born crown prince of Wallachia around 1431.

10: The character sharing his last name is one of the most famous villains in literature and moviedom.

A. Vlad Dracula (also accept "Vlad Tepes")

Twenty

12. Dark lines can appear in a spectrum due to the selective absorption of light by different atoms. These lines were first observed by William H. Wollaston but were named, for twenty points, for which scientist after he mapped out 25,000 such lines in the solar spectrum?

A. Joseph von Fraunhofer

Thirty

13. South African Archbishop Desmond Tutu is once again in the news. In 1996, he will be retiring as bishop and moving to the United States.

15--To which major American city will he be moving?

A. Atlanta

15--He will be spending one year in Atlanta as a visiting professor at which school?

A. Emory University

Twenty

14. The differences in the inclusion of books in Protestant and Catholic bibles can be traced to this group, whose name is also given to the translation of the Hebrew Old Testament which they produced and also which most Protestants claim as their official pre-Christian text. For twenty points, name this group, whose name indicates how many men participated in its work.

A. Septuagint (Note: 70 men.)

Thirty

15. 30-20-10: Name this American author.

30: A native of Columbus, Georgia, she was born on February 19, 1917.

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20: She won the O Henry Memorial Prize in 1942 for her short story, "A Tree, A Rock, A Cloud."

10: She is best known as the author of "The Heart is a Lonely Hunter" and "The Ballad of the Sad Cafe."

A. Carson McCullers

Twenty

16. A definition for these mathematical constructs first appeared in H. Whitney's 1935 paper, "On the abstract properties of linear dependence." They appear in varieties such as uniform, delta, symmetric, and transversal. Their name is similar to another name given to certain arrays of numbers. For twenty points, name this construct.

A. matroid (do not accept "matrix" or "matrices")

Thirty

17. This holiday was first observed in 1952 as the result of a Presidential order signed by Harry Truman. It is celebrated on September 17 and replaced both I Am an American Day and Constitution Day. For thirty points, name this day.

A. Citizenship Day

Thirty

18. According to Alan Thomas' "Third World Atlas" the projected population of Mexico City in the year 2000 is 25.8 million and ranks first on the global scale. With respective projections of 24.0 and 20.2 million these two cities rank second and third. For fifteen points each, name them.

A. Sao Paulo and Tokyo

Twenty

19. In 1111, this treaty made between Pascal II and Henry V stated that the king renounced his right to investiture and that the Church gave up all imperial estates since the time of Charlemagne. The treaty could not be enforced, however, due to resistance by the bishops and prelates. For twenty points, which treaty was this?

A. Treaty of Sutry

Thirty

20. 30-20-10: Name this computer game.

30: Its release by Broderbund Software Inc in 1994 revolutionized the computer game industry.

20: Written by brothers Robyn and Rand Miller, this game revolves around an unusual book that, when touched, transports the player to another world in another time period.

10: The name of the game coincides with the name of the island on which the game begins.

A. Myst

Thirty

21. For ten points each, identify the work of literature to which the following titles allude.

- | | |
|-------------------------------------------------|-------------------------------|
| 1) "The Sound and the Fury" by William Faulker | A. <u>Macbeth</u> |
| 2) "The Ghost of Tom Joad" by Bruce Springsteen | A. <u>The Grapes of Wrath</u> |
| 3) "Brave New World" by Aldous Huxley | A. <u>The Tempest</u> |

Twenty-five

22. In the Olympics, boxers are classified according to their weights. I'll give you a classification, and within 5 pounds, give the maximum weight allowed in the classification. Five points each, and a five point bonus for all correct.

- | | |
|--------------------|--------------------------------|
| 1) Featherweight | A. <u>126</u> (accept 121-131) |
| 2) Light Flyweight | A. <u>106</u> (accept 101-111) |
| 3) Welterweight | A. <u>147</u> (accept 142-152) |
| 4) Heavyweight | A. <u>201</u> (accept 196-206) |

Thirty

23. Five states have EXACTLY one franchise among the four major sports; major league baseball, the NFL, the NBA, and the NHL. Name them for 5 points each and a five point bonus for all four. Note: only the official city counts -- not where they play.

A: Maryland (Orioles only); Connecticut (Whalers only); Louisiana (Saints only); Utah (Jazz only); Oregon (Trailblazers Only).

Thirty

24. Five nations in the world have had four or more droughts which have have caused more than 1,500 deaths and/ or more than 500,000 homeless.

5--All of these nations are located on what continent?

A: Africa

25--Now, for five points each, name these 5 African nations, four of which are contiguous.

A: South Africa; Swaziland; Lesotho; Botswana; Senegal

Thirty

25. Answer these questions about meteorology for ten points each.

1) This is the boundary between the two lowest levels of the atmosphere; theoretically, weather occurs only below this boundary.

A: tropopause

2) This term is used by meterologists to describe differences in pressure which creates wind; the greater this difference, the gustier the wind.

A: pressure gradient

3) Perhaps the earliest work on meteorology was written around 350 BC entitled "Meteorologica." It was the authoritative work on the subject for about 2,000 years. Name its Greek author.

A: Aristotle

Twenty

26. After surfing the net for a while, one can recognize almost immediately the country of origin of an address by the last characters. Given these last characters, for five points each, identify the country.

- | | |
|-------|---------------------|
| 1) au | A. <u>Australia</u> |
| 2) si | A. <u>Slovenia</u> |
| 3) se | A. <u>Sweden</u> |
| 4) de | A. <u>Germany</u> |