

NO DISK

Questions by Iowa Boris
Wisconsin - Elvis 1996
Toss-Ups

1. You have a sphere with a radius of $\sqrt{3}$ meters. FTP, what is the surface area of that sphere?

A> 12 pi square meters

2. Vashti gets dissed in favor of her by Ahasuerus. The king's advisor Haman plots to destroy the Jews led by her brother Mordecai. FTP, who is this Biblical woman?

A> Esther

3. Her latest album, including 'Hey Jupiter' & 'Blood Roses,' is called Boys for Pele. This finally follows Under the Pink and Little Earthquakes. FTP, identify this alternative diva.

A> Tori Amos

4. His Philosophical Investigations starts to turn away from some of the logical positivism of Tractatus Logico-philosophicus. This student of Russell was also the subject of a Jarman film. FTP, name him.

A> Ludwig Wittgenstein

5. In 1939, he was named ambassador to Spain, but returned the next year to succeed Reynaud as premier. He arranged an armistice with the Germans & became head of the French Vichy government. FTP, name him.

A> Marshal Henri Petain

mmmm - - - 6. Born in 1839, he began his literary career in 1831 with Evenings on a Farm near Dikanka. His later works are more interesting - even bizarre - like Minogrod, Arabesques, The Inspector General, and Dead Souls. FTP, identify this Russian author.

A> Nikolai Gogol

7. Two known resistances & an adjustable resistance are connected in circuit with an unknown resistance. A battery & galvanometer are added, & the adjustable resistor is varied until the galvanometer shows no electric flow. The unknown resistance can then be calculated. FTP, what is this device, named for an English scientist?

A> Wheatstone bridge

8. Its head is Scott McNealy and this technology corporation recently issued the ~~universally understood~~ computer language called Java. FTP, identify this company.

A> Sun Microsystems

9. Born in Austria in 1870, he became a disciple of Freud, but broke with him in 1923 in his book The Practice & Theory of Individual Psychology. He maintained that personality disorders tend to result from an inferiority complex. FTP, name this psychoanalyst.

A> Alfred Adler

9. 10. Harding won the election in part due to it. Tennessee was the crucial state in passing it in 1920. It barred disenfranchisement on the basis of gender. FTP, identify this Constitutional Amendment

A> 19th Amendment

10. 11. His works often incorporate British folk music like 'Greensleeves' and the Tallis Canon. Other works include 5 Variants of Dives and Lazarus and 'A London Symphony.' FTP, name this British composer.

A> Ralph Vaughn Williams

12. The title character of this 1861 novel is ostracized for theft. Settling in a small English town, he is robbed by Dunston Cass. Persevering in his job as a weaver, he discovers the child Eppie, whom he looks after in Raveloe. FTP, name this George Eliot character.

A> Silas Marner

11. 13. It includes visible musicians & a chorus. Refined by Zeami in the early 15th century, this drama form includes female impersonators, masks, & detailed rhythmic language. FTP, name this style of Japanese drama.

A> No or Noh

12. 14. Aleksander Kwasniewski (kwaz-nee-ev-ski?), a former Communist, recently won election as the President of Poland, leaving this Gdansk electrician out of power. FTP, name this Nobel Laureate, Solidarity organizer, & ex-president of Poland.

A> Lech Walesa (if buzz after Kwas... with Poland, ask for more)

13. 15. In 1809, this principle was stated: when gases combine, they do so in simple ratio by volume, & the volumes of the products (if gaseous) are in simple ratio if all measures are made at the same temperature & pressure. FTP, what is this law?

A> Gay-Lussac's law

14. 16. He is currently living in Iowa, where he is pursuing charges against Lon Horiuchi and the ATF for shooting his wife & child in an ambush in Idaho. FTP, name this white supremacist whose ranch at Ruby Ridge was attacked.

A> Randy Weaver

17. Her correspondence with Flaubert is collected in Le Dernier Amour. Her affair with Alfred de Musset is chronicled in She & He. Winter in Majorca speaks of her affair with Chopin, but her novels like Indiana are also noted. FTP, name this French Romantic writer.

A> George Sand (acc. Dupin)

- 15-18. Of the order Rhyncocephalia (rink-o-seh-fay-lee-a) *Sphenodon punctatus* (sfen-o-dawn punc-tah-tus) lives on a few islands off New Zealand, which has adopted it as an unofficial symbol. It survives from the Mesozoic era & has a 2-foot long, olive-green body with spines along its back, & a vestigial third eye to detect heat. FTP, what is this reptile?

A> tuatara

- 16 19. Born in North Carolina in 1782, he favored Western expansion & opposed the extension of slavery. He was a US Representative from 1853-55, but as a Senator in 1836, he drew up the Specie Circular. FTP, name this Missouri statesman.

A> Thomas Hart Benton

17. 20. On occasion 20,000 people would swarm to see athletic performances in Odessa, Texas. A 1988 book chronicles the season of the high school football team there, looking at the team & the community. FTP, name this book by H.G. Hissenger.

A> Friday Night Lights

18. 21. It is currently led by Khaleda Zia. In 1970, a terrible tropical storm killed nearly a million people, causing such unrest that this nation broke away from West Pakistan to become its own nation. FTP, name this country with its capital at Dhaka.

A> Bangladesh

19. 22. She has been an outspoken critic of Netanyahu's strategies as Likud leader. Instead, she has been an even more outspoken messenger of peace in the wake of Yigal Amir's assassination of her husband. FTP, name this widow of the slain Israeli Prime Minister.

A> Leah Rabin

23. David Kessler has finally allowed this Procter & Gamble product to be marketed, despite the warnings about vitamin depletion in the intestines that purportedly come with it. FTP, what is this 'sim-fat'?

A> olestra

20 24. With Fizeau he took a photograph of the sun. He determined the speed of light in air. He studied the earth's rotations with his inventions like the gyroscope & his pendulum. FTP, name this French physicist.

A> Jean Bernard Leon Foucault

21. 25. Five leaders were sentenced to death, 31 were exiled to Siberia for life, & 85 were exiled for shorter participation in this uprising. It occurred in Senate Square in St. Petersburg in 1825 & is named for the month of its occurrence. FTP, name this revolt.

A> Decembrist Revolt

26. His works include the Robie House, the Oak Park Unity Temple, Tokyo's Teikoku Hotel, 'Falling Water,' and the Guggenheim museum. FTP, identify this American architect.

A> Frank Lloyd Wright

22. 27. Homer Barron unsuccessfully woos Miss Grierson, an aging Southern spinster. Barron disappears, & when Miss Grierson dies, his skeleton is found in her bedroom. FTP, name this William Faulkner story.

A> A Rose for Emily

23. 28. Her sister Ismene chose to share her fate. After Creon denies Polynices a proper burial, she gives him one anyway, gaining a sentence of death. FTP, name this daughter of Oedipus & heroine of a Sophocles play.

A> Antigone

24, 29. For a quick ten points, what is the two-word term used in mathematics for definite integrals of two variables?

A> double integrals

25, 30. Its tallest peak is Blue Mountain. In the 17th century Maroons ruled Cockpit Country in the center near Mandeville. The largest cities today are Mona, home of the University of the West Indies, Spanish Town, Montego Bay, and the capital Kingston. FTP, what is this island nation, mon?

A> Jamaica

Bonuses
Iowa Boris

1.(30) Identify the author from works, 30-20-10.

1. Her lyric poems include 'The Philosopher's Lament' & 'Come Walk with Me.'

2. With her sister Anne, she created the fantasy world of Gondal.

3. Her only novel was Wuthering Heights

A> Emily Brontë

2.(25) Founded as an effort to combat the Tonton Macoute, this political organization has seen its leader Jean-Bertrand Aristide become president of Haiti. For 25 points, name this political organization.

A> Lavalas

3(30) Given a tome by an American economist, identify the author for 15 points each.

1. Progress & Poverty

A> Henry George

2. Women & Economics
Gilman

A> Charlotte Perkins

4(30) Given a formula for a physical law, identify the scientist for whom each is named FTP each.

1. $E = IR$

A> Ohm's law

2. $W = JQ$

A> Joule's law

3. $m = zIt$

A> Faraday's combined law

5(30) Given a sculpture by an Italian Mannerist, identify the sculptor for 15 points each.

1. Perseus with the Head of Medusa

A> Benvenuto

Cellini

2. The Ecstasy of St. Teresa

A> Giarlorenzo Bernini

6.(30) Name these battles of ancient Rome for 15 points each.

1. Octavius & Mark Antony defeated Cassius & Brutus in 42 BC at this Macedonian town. A> Philippi

2. In 207 BC, Hasdrupal's army was decimated by Gaius Claudius Nero's forces at this river.

A> Metaurus

7.(30) Identify the rap artists that recorded these albums released in 1995.

1. Blowout Comb

A> Digable Planets

2. Jesus Wept

A> P.M. Dawn

3. Me Against the World

A> Tupac Shakur

8.(30) Given a recurrent character in an authors works, identify the author FTP each.

1. Ursula Brangwen

A> D.H. Lawrence

2. Shug Avery

A> Alice Walker

3. Stephen Dedalus

A> James Joyce

9.(30) Given a hormone, identify the gland where each is produced FTP each.

1. calcitonin

A> thyroid

2. glucagon

A> pancreas

3. ACTH

A> pituitary (anterior lobe)

10.(25) Give the capitals of these former Soviet republics F5P each & a 5 point bonus for all 4 correct.

1. Moldova

A> Kishniev

2. Turkmenistan

A> Ashkhabad

3. Kazakhstan

A> Alma-Ata

4. Uzbekistan

A> Tashkent

11.(30) Identify the directors of these 'art-films' from the 1950's FTP each.

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| 1. Rashomon | A> <u>Kurosawa Akira</u> |
| 2. Breathless | A> Jean-Luc <u>Godard</u> |
| 3. Nights of Cabiria | A> Federico <u>Fellini</u> |

12.(30) Identify these figures in Latin-American independence FTP each.

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|--|---------------------------------|
| 1. His brilliant victory at Ayacucho assured Bolivian independence, & he became its first President. | A> Antonio José de <u>Sucre</u> |
| 2. In 1882, he peacefully proclaimed Brazil an independent nation with him as Emperor. | A> <u>Pedro I</u> |
| 3. The illegitimate son of Chile's governor, with San Martín, he liberated Chile, becoming its supreme director. | A> Bernardo <u>O'Higgins</u> |

13.(30) Given a solution & its molarity, tell the pH for 15 points each.

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|------------------------------|--------------|
| 1. a 0.01 M solution of HCl | A> <u>2</u> |
| 2. a 0.01 M solution of NaOH | A> <u>12</u> |

14.(30) Joyce wasn't the only one to update Homer's Odyssey. Given a modern work, identify the author of the new work based on the epic for 15 points each.

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| 1. The Odyssey: A Modern Sequel | A> Nikos <u>Kazantzakis</u> |
| 2. Omeros | A> Derek <u>Walcott</u> |

15.(30) Answer these questions about the Bosnian peace talks in Dayton.

1. What was the Air Force base at which they occurred?

A> Wright-Patterson

2. Who was the Assistant Secy. of State who did most of the negotiating for the Americans?

A> Richard Holbrooke

3. Who is the president of Bosnia who attended the meetings?

A> Alija Izetbegovic

16.(30) Given a famous Supreme Court case, identify the Chief Justice at the time FTP each.

1. ~~Baker v Carr~~ *GIDEON v. Wainwright*
Warren

A> Earl

2. Roe v Wade
Burger

A> Warren

3. Dred Scot v Sanford
Taney

A> Roger B.

17.(30) Given a river, identify the city with the largest population on its banks FTP each.

1. Hooghly

A> Calcutta

2. Amazon River (not tributaries)
Manaus

A>

3. Liffey

A> Dublin

18.(30) Identify the painters of these 20th Century works on a 15-10 basis.

1a. Xolotl & Me

1b. Self Portrait: Diego in My Thoughts

A> Frida

Kahlo

2a. The photocollage The Phenomenon of Ecstasy

2b. Soft Construction with Boiled Beans

A>

Salvador Dali

19.(30) Identify this star, 30-20-10.

1. Its name means 'ear of wheat.'
2. It is approximately 300 light-years away & is a blue giant of first magnitude.
3. It is the brightest star in Virgo.

A> Spica

20.(30) Identify these characters from Peter Pan FTP each.

1. This guy is Hook's first mate. A> Smee
2. This crocodile wants to eat Hook. A> Tick-tock
3. This Indian princess fights Hook A> Tiger Lily

21.(30) Tell whether each of the following occurs during the dark or light reactions of photosynthesis FTP each.

1. The Calvin cycle A> dark
2. NADP is reduced A> light
3. glucose is formed A> dark

22.(30) With Camilla & ~~James Hewitt~~ in the news, don't forget about past royal affairs. Given a favorite of a monarch, identify the monarch who, well, you know... FTP each.

1. Nell Gwyn A> Charles II
2. Robert, Earl of Essex A> Elizabeth I
3. Piers Gaveston A> Edward II

23.(25) Given 4 CEO's match them to their companies for 5 points each & a 5 point bonus for all correct.

CEO's: Gerald Levin, John Malone, Michael Fuchs, and Michael Huyghue

Companies: TCI, HBO, Jacksonville Jaguars, and Time-Warner

A> Gerald Levin - Time-Warner , John Malone - TCI
Michael Fuchs - HBO , Michael Huyghue - Jaguars

24.(30) Identify the book of the Bible each of these occurs in FTP each.

1. the burning bush A> Exodus
2. Samson's haircut A> Judges
3. the Beatitudes A> Matthew

25.(25) These mathematical models make possible finding the solutions from averages of values to find the actual values. This makes such computer work as CAT scans possible. For 25 points, what are these 'transformations' called, named for their French originator>

A> Radon transformations