

WSU 1996 Midcontinental Melee
Questions by Iowa State University

Tossups
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1. A man with flowers in his ass, a man in a clam, people in hollowed out fruits floating in a river, a winged fish, lots of grapes and fishes and a hundreds of frolicking nudes all appear in--FTP--what Hieronymous Bosch work?

Answer: The _Garden of Earthly Delights_

2. The son of a civil servant at Dublin Castle, as a boy he was entertained with ghoulish tales and legends. In his later life he wrote essays on the need to censor erotic literary work, unusual considering his earlier work. FTP, name this author of "The Lady in the Shroud," "The Lair of the White Worm," and "Dracula."

Answer: Bram _Stoker_

3. A snowstorm raged across the Ukhaa Tolgod valley of the Gobi desert eighty million years ago burying a nest and its still-crouching owner. FTP, the recent discovery of which species' nest strongly suggests the nearness of dinosaurs and birds?

Answer: _oviraptor_

4. The British and Germans both established claims over parts of it in 1886. Julius Nyerere became president of an independent mainland in 1961; the island was freed the next year. FTP, give the name of this modern eastern African nation formed in 1964 by Tanganyika and Zanzibar.

Answer: _Tanzania_

5. In the dedication of his latest album, this country music star said with respect to the Oklahoma bombing, "My pride and respect for what you went through and how you handled it cannot be measured." FTP, name this native Okie who sings "She's Every Woman," "The Dance," and "Friends in Low Places."

Answer: Garth _Brooks_

6. Reportedly a bishop of Formica, this saint is one of the 14 Holy Helpers venerated in medieval Germany. He is also associated with St. Elmo's Fire in conjunction to being the patron saint of sailors. FTP, give the name, also that of the author of "Adagia" and "The Praise of Folly."

Answer: _Erasmus_ (prompt on Elmo on early buzz)

7. "Tiefeland" (Lowland), "Sieg des Glaubens" (Victory of Faith), and "Triumph des Willens" (Triumph of the Will) are all films, FTP, by what film director, famous for her two part film "Olympische Spiel" on the 1936 Berlin Olympics?

Answer: Leni _Riefenstahl_

8. This Middle eastern leader has in the past funded revolutionary groups ranging from factions in Chad to the Irish Republican Army,

has suggested marrying his son to Chelsea Clinton to patch relations between his nation and the United States, and has recently announced that he and Louis Farrakhan have struck a bargain to give \$1 billion dollars to Muslim causes so he can aid influencing U.S. policy. FTP, name this leader of Libya.

Answer: Moammar _Gadhafi_

9. The location and timing were bad: a malarial swamp too late to plant crops. Within a few months, 51 were dead. Later, in the winter of 1609, known as the "starving time," people were reduced to cannibalism and raiding Indian and English graves for food. This all occurred during the first years of the founding, FTP, of what colony, the first permanent English settlement in North America?

Answer: _Jamestown_

10. In Judaism, it is a doxology typically recited in Aramaic at the end of sections of the service. Allen Ginsberg used the word for his long confessional poem about his mother's insanity and death. FTP, name this Jewish prayer.

Answer: _Kaddish_

11. Formally called the "Corpus Juris Civilus," it includes the "Codex Constitutiones," "Digesta Institutiones," and "Novellae Constitutiones." Identify this collection of laws, FTP, named after the Byzantine emperor who sponsored their development.

Answer: _Code of Justinian_ or _Justinian Code_

12. One of his short stories begins, "The death of God left the angels in a strange predicament." FTP, name this author of the novels "Snow White" and "Paradise," most famous for his short stories, such as "On Angels," collected in his "Sixty Stories."

Answer: _D_onald _Barthelme_

13. After founding the Cryogenic Laboratory at Leiden in 1894, this scientist spent the next 14 years making things really cold, eventually succeeding in liquefying helium in 1908. FTP, name this scientist, winner of the 1913 Nobel prize in physics and discoverer of superconductivity.

Answer: Heike _Kamerlingh Onnes_

14. This author's immigrant parents believed that she would grow up to become a neurosurgeon and be a concert pianist as a hobby. She instead first became a consultant on programs for disabled children and later an writer. FTP, name this author of "The Kitchen God's Wife" and "The Joy Luck Club."

Answer: Amy _Tan_

15. Fish, tortoise, boar, half-man and half-lion, dwarf, heroic human, the same heroic human, the charioteer Krishna, the prophet Buddha, and a winged white horse who will destroy the earth are, FTP, the ten avatars of which preserving Hindu god?

Answer: _Vishnu_ 16. The time: a bleak December midnight. The place: a chamber with a dying fire, purple curtains, a bust of Pallas. The characters: a man seeking solace from a loved one's death and a black bird. The

author: Poe. FTP, name the poem.

Answer: "The _Raven_"

17. A Denver judge ruled recently that unauthorized t-shirts from his concert tour should be sent to Bosnia for needy children. FTP, name this reformed rocker known for fronting the band Black Sabbath, biting the heads off small rodents, and the Beavis and Buttthead anthem "Iron Man."

Answer: Ozzy _Osbourne_

18. It begins, "Once upon a time there was a little boy name Jeremy who lived with his mother in a small house by the sea." FTP, name this book, the author's tenth and the first to be illustrated by his daughter Amy, who first heard the story when her father Jimmy told it to her at the Georgian Governor's Mansion.

Answer: "The _Little Baby Snoogle-Fleejer_"

19. Hodur, Justice, Tiresias, Oedipus at Colonus, Homer, John Milton, Aldous Huxley, Helen Keller, and Louis Braille shared a physical disability. FTP, name it.

Answer: _blindness_

20. This book of the Bible has been questioned as to its divine inspiration because it lacks direct mention of God. It concerns the story of Hadassah who saves her people from the plot of Haman. FTP, name this wife of Xerxes whose name is the same as that of the book.

Answer: _Esther_

21. Made by Merlin for Uther, it was passed to Leodegraunce who made it part of Guinevere's dowry when she married Arthur. It contained the Siege Perilous and had a grail-shaped niche. FTP, what object sat 150 knights without precedence?

Answer: _Round Table_

22. The letter's the same: the letter being taught on Sesame Street in E.T., the key of Tchaikovsky's First Piano Concerto and Schubert's Eighth Symphony, the script deciphered by Michael Ventris and the symbol of Boron. FTP, what is it?

Answer: _B_ (_B_ minor; Linear _B_)

23. In his 16 satiric poems he coined such phrases as "bread and circuses" and "who will guard the guards themselves." FTP, identify this Roman satirist, whose name sounds like an adjective meaning immature.

Answer: _Juvenal_

24. His visit to Shaanxi and Gansu produced propaganda posters reminiscent of Mao, particularly since Deng's free-market policy has impoverished the area. FTP, name this hard-liner, the president of China, and Deng's chosen successor.

Answer: _Jiang_ Zemin

25. The Siege of Casale, a Jesuit who knows the secrets of the

moons of Jupiter, the Aristotelian metaphor machine, an imaginary evil brother Ferrante, a man shipwrecked on a deserted ship all appear in--FTP--what most recent Umberto Eco novel?

Answer: "The _Island of the Day Before_"

26. She took over in 1965 and saw her magazine's yearly circulation increase from less than 800,000 to over 3 million. Not known for coverage of weighty topics her magazine covered fashion, makeup, movie stars, and sex. FTP, name this retiring editor of "Cosmopolitan."

Answer: Helen _Gurley Brown_

27. Amschel stayed in Frankfurt. Nathan went to London, Jakob to Paris, Saloman to Vienna, and Karl to Naples. All five helped set up branches of father Mayer's business. FTP, give the family, which became one of the most famous and powerful banking dynasties ever.

Answer: _Rothschild_

28. The winner of 20 Emmys and a Peabody award, he pioneered a new television format that was easily copied by his competitors. However, as his competitors focused on baser and more sensational subjects, his ratings plummeted. FTP, name this retiring talk show host and husband of actress Marlo Thomas.

Answer: Phil _Donahue_

29. This composer's earlier works included the choral ballads "Die Walfahrt nach Kevelaar" and "Das Gluck von Edenhall." The libretto of his most famous work was written by his sister Adelheid Wette. FTP, name this composer of "Hansul und Gretel."

Answer: Englebert _Humperdinck_

30. This man, one of the first winners of the MacArthur Foundation Prize for original thinkers, traced the origins of Theodore Roosevelt's quote "Speak softly and carry a big stick" to an African proverb. FTP, name this Harvard professor of zoology, curator of paleontology and author of a monthly column in "Natural History" and the book "Wonderful Life."

Answer: Stephen Jay _Gould_

31. He has two birth certificates, one in Mexico and one in the United States, making his transfer to U.S. authorities much easier for President Ernesto Zedillo. FTP, name this portly drug lord known as "Doll Face," whose cocaine shipping business allegedly made \$2 billion dollars a year and who was recently handed over to U.S. authorities for trial.

Answer: Juan _Garcia_ Abrego

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Bonuses
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30 POINT BONUS

1. Answer these questions about the recent ethnic conflict in Burundi.

a. FTP name the ethnic group that comprises just 15 percent of the nation's population yet which has a nearly complete hold on economic, political, and military power.

Answer: Tutsi

b. Melchior Ndadaye, the first elected President of Burundi, was assassinated by Tutsi military officers after just 3 months in power. FTP name the ethnic group to which he belonged.

Answer: Hutu

c. FTP name the capital of Burundi, the site of ethnic cleansing by the Tutsi military and the object of recent Hutu attacks.

Answer: Bujumbura

30 POINT BONUS

2. FTP each, given a description of a member of Newt Gingrich's family, name him or her.

a. Newt's lesbian half-sister, she was featured this year in Esquire's "Women We Love" issue.

Answer: Candace Gingrich

b. Newt's biological father, he allowed Bob Gingrich to adopt Newt in exchange for not having to provide child support.

Answer: Newton McPherson

c. Newt's second wife, whom he married in 1981.

Answer: Marianne Gingrich

30 POINT BONUS

3. Given a description of a linguistic group of consonant sounds, identify it FTP each.

a. Articulated with the tip or blade of the tongue against or near the upper front teeth.

Answer: dental

b. Characterized by the passage of expired breath through a narrowing at some point in the throat.

Answer: fricative

c. Formed with the back of the tongue touching or near the soft palate.

Answer: velar

20 POINT BONUS

4. The world of Indy Car racing has recently gone through a number of upheavals caused by the newly created Indy Car Racing League to rival the already established CART series. For five points each, name each of the described players in the racing drama.

a. The owner of the Indianapolis Motor Speedway and the creator of the Indy Car Racing League.

Answer: Tony George

b. One of the co-founders of CART, considered the true head of the organization, and the owner who had won the most Indy 500's, the latest in 1994 with Al Unser, Jr.

Answer: Roger _Penske_

c. The other owner/co-founder of CART who is attempting to play peacemaker between the series and who nearly won the 1995 Indy 500 with his driver, Scott Pruett.

Answer: Pat _Patrick_

d. The owner and former 4 time Indy 500 winner who has left for the IRL and has filed an anti-trust suit against CART.

Answer: A. J. _Foyt_

30 POINT BONUS

5. Identify the following people associated with the Chinese Revolution for ten points apiece.

a. This man was proclaimed a provisional president by fifteen provinces in 1911.

Answer: _Sun_ Yixian (_Sun_ Yat-sen)

b. This last Qīng (Ching) emperor was forced to abdicate in 1912.

Answer: _Hsuan_ Tsung (Henry _Pu-Yi_)

c. Sun Yatsen stepped down in 1912 to allow this elected president to take office.

Answer: _Yuan_ Shi-kai

20 POINT BONUS

6. FTP each, answer these questions about Quentin Tarantino, the actor.

a. He plays opposite George Clooney in what recent movie about two criminal brothers who encounter a bar filled with vampires?

Answer: "_From Dusk Till Dawn_"

b. In "Reservoir Dogs" he played what colorfully named criminal, who early in the movie discussed the penis theme in Madonna's "Like a Virgin," and who was later killed in a car chase?

Answer: _Mr. Brown_

30 POINT BONUS

7. Mona Lisa, The Scream, both, or neither? I'll name an object and you tell me whether or not it appears in the Mona Lisa, in the Scream, in both, or in neither, for five points each. [ALLOW THREE SECONDS PER PART]

a. Moon

Answer: _neither_

b. Bridge

Answer: _both_

c. Eyebrows

Answer: _neither_

d. Left hand

Answer: _both_

e. Jewelry

Answer: The _Scream_

f. More than one person

Answer: The _Scream_

30 POINT BONUS

8. For ten points each, tell me that for which each of the following abbreviations or acronyms of venereal disease stands.

a. HSV

Answer: _herpes simplex virus_

b. Trich

Answer: _trichomoniasis_

c. HPV

Answer: _human papilloma virus_

30 POINT BONUS

9. Answer the following questions about the opera Boris Godunov FTP apiece.

a. Who composed the opera and on whose play was it based?

Answer: Modest _Mussorgsky_; Aleksandr _Pushkin_

b. Whose ghost does Godunov see in Act II, Scene 2?

Answer: _Dmitri_ [DO NOT ACCEPT: the false Dmitri, Gregory]

c. Who is attacked in Act IV, Scene 1 for singing the praises of the false Dmitri?

Answer: a pair of Jesuit _priests_

30 POINT BONUS

10. For ten points each, name the Islamic fundamentalist party which won the parliamentary elections in Turkey [December 1995] and the two centrist, pro-Western, secular parties putting aside their rivalry to overcome the fundamentalists.

Answer: _Welfare_ Party; _True Path_ Party, _Motherland_ Party

30 POINT BONUS

11. Given the quantum mechanical system, identify the dependence of the energy levels on the principle quantum number n .

a. a one-dimensional particle in an infinite well.

Answer: _quadratic_ (n^2 ; 2)

b. a one-dimensional harmonic oscillator.

Answer: _linear_ (n ; 1)

c. an electron in a three-dimensional Coulomb potential.

Answer: _inverse square_ (n^{-2} ; -2)

30 POINT BONUS

12. Answer the following questions on Japanese history for ten points each.

a. According to the "Kojiki" and "Nihongi," which descendant of the sun goddess became Japan's first emperor in 660 B.C.E.?

Answer: _Jimmu Tenno_

b. What change was instituted by the emperor Kotoku in 645 C.E., reorganizing Japan's government along the lines of China?

Answer: _Taika_ Reform

c. Which family, led by Yoritomo, defeated the Tairas in the 1185 Inland Sea battle and declared themselves the emperor's protector, thereby founding the first shogunate?

Answer: _Minamoto_

30 POINT BONUS

13. For five points each, maximum of thirty, name any six plays by Jean Racine.

Answer: _La Thebaide_, _Alexandre_, _Andromaque_, _Les Plaideurs_,
Britannicus, _Berenice_, _Bajazet_, _Mithridate_, _Iphigenie_,
Phedre, _Esther_, _Athalie_

30 POINT BONUS

14. Superimpose a compass on the Hertzsprung-Russell diagram and answer the following questions.

a. In which direction lay the supergiants?

Answer: _northeast_

b. In which direction does a star undergoing gravitational collapse move?

Answer: _southwest_

c. In which direction lay Spica, Rigel and Vega?

Answer: _northwest_

30 POINT BONUS

15. Evaluate the following C expressions for ten points each.

a. "A" + 1 [quote A quote plus 1]

Answer: _66_

b. 3 << 1 [3 left-angle-bracket left-angle-bracket one]

Answer: _6_

c. 3 || 4 [3 bar bar 4]

Answer: _1_

30 POINT BONUS

16. There is a new trend in television towards the weird. FTP each, name these strange shows.

a. Sheriff Lucas Buck runs the town of Trinity while trying to gain control of a young boy whose sister Buck killed.

Answer: _American Gothic_

b. Chance is photojournalist who has weird coincidences occur after being the only survivor of plane crash as a child.

Answer: _Strange Luck_

c. A young woman discovers a new type of virtual reality, and all kinds of secrets about her past. Viewers will never really know what happened, since the show was canceled.

Answer: _V.R.5_

30 POINT BONUS

17. 30-20-10, name the artist.

30. He is often mislabeled as the founder of nonfigurative painting based on his 1910 work, "First Abstract Watercolor."

20. In 1922 he was offered a teaching post at the Bauhaus. His last painting there was "Development in Brown" (1933), probably alluding to Nazi stormtroopers.

10. In 1911, with Marc, he founded Der Blaue Reiter.

Answer: Wassily _Kandinsky_

25 POINT BONUS

18. For the stated number of points, answer these questions about the geography of Spain.

a. FFP, what is the name of the mountain chain running along northeastern Spain from the Mediterranean to the Bay of Biscay.

Answer: _Pyrenees_

b. FTP, what is the name of the large central plateau that covers more than one half of Spain.

Answer: _Meseta_

c. FTP, give the name of the autonomous region of Spain lying 60 miles off the NW coast of Africa from which Francisco Franco made his 1936 Nationalist uprising broadcast.

Answer: _Canary Islands_

20 POINT BONUS

19. Before 1994, the National Hockey League's conferences and divisions had unique names, not the current more locational way of naming them. The two conferences were Campbell and Wales. For five points each, name the four former divisions.

Answer: _Adams_, _Norris_, _Patrick_, _Smythe_

30 POINT BONUS

20. FTP each answer these questions about Belize.

a. What is the name of the river which forms Belize's border with Mexico.

Answer: _Honda_

b. What is the name of the coastal city from which Belize moved its capital following its 1961 move to Belmopan.

Answer: _Belize_ City

c. What religion following Roman Catholicism and Protestantism accounts for the largest percentage of Belize's population.

Answer: _Baha'i_

30 POINT BONUS

21. Identify the turn of the century American authors on a 10-5 basis.

10. "Oak and Ivy," "Lyrics of the Hearthside"

5. "Lyrics of Lowly Life"

Answer: Paul Laurence _Dunbar_

10. "Jennie Gerhardt," "The Delineator"

5. "Sister Carrie"

Answer: Theodore _Dreiser_

10. "Bayou Folk," "A Night in Acadie"

5. "The Awakening"

Answer: Kate _Chopin_ or Katherine _O'Flaherty_

30 POINT BONUS

22. Answer the following questions about economics for the stated number of points.

a. (5 pts.) A good with a positive cross-price elasticity relative to another good.

Answer: _substitute_

b. (10 pts.) Unstable in the long run, this curve shows the short term trade off between the rate of inflation and unemployment.

Answer: _Phillip's_ curve

c. (15 pts.) Situation in which there is a single buyer and a single seller.

Answer: _bilateral monopoly_

20 POINT BONUS

23. Sir Arthur Conan Doyle wrote 56 short stories and 4 novels about his most famous creations, detective Sherlock Holmes and his friend Dr. John Watson. For five points each, name the four novels that Doyle wrote about the pair.

Answer: "_Study in Scarlet_", "_Sign of Four_", "The _Hound of the Baskervilles_", "_Valley of Fear_"

30 POINT BONUS

24. Answer the following questions about the Great Depression FTP.

a. Hoover's Secretary of the Treasury, he advocated a laissez-faire attitude, saying that "people will work harder, live a more moral life."

Instead, Hoover moved him to ambassador to England.

Answer: Andrew _Mellon_

b. In 1932, this man commanded the troops against the Bonus Army that was marching on Washington.

Answer: Douglas _MacArthur_

c. Later ruled unconstitutional by the Supreme Court, this federal agency sported a blue eagle for its symbol, along with the motto "We Do Our Part."

Answer: _N_ational _R_ecovery _A_gency

30 POINT BONUS

25. Identify whether each of the following mathematical objects is explicitly known, known to exist, not known to exist, or proven not to exist.

a. an odd perfect number

Answer: _not known to exist_

b. the largest prime number

Answer: proven _not to exist_

c. an uncountable set with zero measure

Answer: _explicitly known_

30 POINT BONUS

26. FTP each, given a description of an amendment or article of the U.S. Constitution, name it.

a. Often cited by New Federalists as a constitutional backing for the devolution of governmental functions, this amendment states that powers not given to the federal government are reserved for the states or people.

Answer: Amendment _10_

b. Ratified in 1992 this amendment stipulates that no law that changes Congressional salaries may go into effect until after "an election of Representatives shall have intervened."

Answer: Amendment _27_

c. Aside from the first amendment this article also lends structure to the separation of church and state ideal, declaring a ban on "religious tests" for public office.

Answer: Article _6_

30 POINT BONUS

27. Given a description of the active group from organic chemistry, name it
FTP.

a. A secondary carbon doubly bonded to an oxygen.

Answer: _carbonyl_

b. A primary carbon doubly bonded to an oxygen and a hydrogen.

Answer: _aldehyde_ or _carboxyl_

c. A primary carbon triply bonded to a nitrogen.

Answer: _cyanide_

30 POINT BONUS

28. Answer the following questions about Charles Darwin FTP apiece.

a. What geological theory first brought him to the attention of Charles Lyell and other prominent scientists?

Answer: theory of _coral reef_ formation

b. Whose 1838 essay does he claim inspired his theory of natural selection by competition for resources?

Answer: Thomas _Malthus_

c. Which man analyzed Darwin's finches and demonstrated their close relation, leading to Darwin's theory of variation?

Answer: John _Gould_

30 POINT BONUS

29. 30-20-10 Identify the speaker from the quotes.

30. "Get your facts first, and then you can distort them as much as you please."

20. "The difference between the almost right word and the right word is really a large matter-'tis the difference between the lightning bug and lightning."

10. "The report of my death has been grossly exaggerated."

Answer: Mark _Twain_ or Samuel _Clemens_

30 POINT BONUS

30. Pencil and paper ready. A certain human population undergoes Hardy-Weinberg mating and has a gene pool for blood alleles of 50% type O, 30% type A, and 20% type B.

a. At equilibrium, what percentage of the population will have type O blood?

Answer: _25%_

b. At equilibrium, what percentage of the population will have type A blood?

Answer: _39%_

c. At equilibrium, what percentage of the population will have type AB blood?

Answer: _12%_