

1. After throwing off the tutelage of the nobles, he embarked on institutional reform, convening the first Zemski Sobor. But when the nobles refused to swear an oath to his son Fedor, he created the Oprichniks, to terrorize them. Name this Czar who subdued the Tatars and captured the entire Volga river waterway.

ans: Ivan IV or Ivan the Terrible

2. In this novel, the protagonist, Augusto Perez, argues with the author about which one of them really exists, and whether Augusto has the right to commit suicide. Name this novel written by Miguel de Unamuno.

ans: Niebla, translated as Clouds

3. When X-rays are scattered at various angles by electrons in a target, a shift in wavelength is observed for the scattered x-rays, which classical physics cannot explain. If we treat the x-ray as a photon, then the effect can be explained. Name this phenomenon.

ans: Compton effect or shift

4. Note: Either of 2 answers is acceptable. Although all chordates are required to have a notochord at some time in their lives, 2 subphyla are actually invertebrate. Name either of these 2 subphyla.

ans: Urochordata or tunicates or Cephalochordata or lancelets

5. A centerfielder, he played close enough to the infield to take pick-off throws at second base. "The Grey Eagle" hit over .300 in 18 seasons, .345 overall. Name this hall of famer, who holds the career doubles record with 792.

ans: Tris Speaker

6. These are rounded extended letterforms with small body height and relatively large ascenders and descenders. The letters usually have no capitals and were usually written in a small size. Name these letters, created by the Franks at the behest of Charlemagne.

ans: Caroline or Carolingian miniscule

7. This state has a bill in its senate to allow a judge to order up to 10 paddle strikes as punishment for graffiti. In the case of a minor, the parent will administer the strikes in the courtroom, unless the judge thinks the parent is not striking in good faith. Name this state seeking to curtail gang violence.

ans: California

8. In 1941, this American sailor gained fame for leading raids against the Marshall and Gilbert Islands in revenge for Pearl Harbor. He gained more public notice in 1942 by bringing his fleet close enough to Tokyo to launch the Doolittle Raid. FTP, name this U.S. admiral who led U.S. forces at Leyte Gulf.

Ans: William F. HALSEY

9. Their songs include "There Goes God" and "You Always Take the Weather." FTP, identify this Australian band, whose biggest US hit was "Don't Dream It's Over."
ans: Crowded House

10. The supposed culprit was Marinus Van der Lubbe. In truth, Karl Ernst and ten agents committed the crime by using a secret passage from Goering's residence. FTP, name this February 27, 1933 event which Hitler used to declare emergency powers and crush the Communists.
Ans: The BURNING of the REICHSTAG

11. This French author dropped out of law school due to epilepsy. He showed contempt for the bourgeoisie and compassion for his characters in such works as *The Sentimental Education*. FTP, name this author of *Madame Bovary*.
Ans: Gustav FLAUBERT

12. It's first conference was held in 1957 Nova Scotia in response to calls by Einstein, Bertrand Russell, and others. Its main purpose is to discuss ways to reduce nuclear weapons and implement arms control. FTP, name this 1995 winner of the Nobel Peace Prize.
Ans: PUGWASH

13. Portrayed by Paul Sorvino in the movie "Nixon," his books include *Nuclear Weapons and Foreign Policy*, *White House Years* and *Diplomacy*. FTP, name this National Security Adviser to Nixon and 1973 Nobel Peace Prize winner.
Ans: Henry KISSINGER

14. Its flag is a green stripe over a white stripe over a blue stripe. Its neighbors are Guinea and Liberia. FTP, name this African country whose capital is Freetown.
Ans: SIERRA LEONE

15. He was a sculptor, abstract painter, and illustrator of children's books. His best know creations are considered a marriage between engineering and sculpture. FTP, name this creator of the mobiles.
Ans: Alexander CALDER

16. He was the father of Deucalion. He was punished by Zeus for not revealing the secret of Thetis to the god, and was eventually freed by Heracles. FTP, name this Titan who created man and gave him fire.
Ans: PROMETHEUS

17. In the novels and early films, he is known as Major Boothroyd. He was first portrayed by Peter Burton, but since 1963 he has been played by Desmond Llewelyn. FTP, name this head of the British weapons branch.
ans: Q

18. Lying high in the Canadian Rockies, it was first excavated in 19 by C. D. Walcott, who classified its creatures as arthropods and worms. Only in the last two decades have scientists realized that its soft-bodied fauna is like nothing alive today. FTP, name this fossil bed chronicled in Stephen Jay Gould's *Wonderful Life* and a recent *Time* magazine cover story.

ans: the Burgess Shale

19. Sex discrimination cases usually deal with discrimination against women, but this company recently got in trouble for excluding men. The company claimed that it was necessary for business reasons that they hire only women to be servers. FTP, name this restaurant chain better known for its waitresses than its food.

ans: Hooters

20. This name is given to loop-free graphs containing no cycles. First used by Kirchhoff in 1847 in his work on electrical networks, they were later used by Cayley to enumerate isomers of saturated hydrocarbons. FTP, name these structures commonly used in computer sorting and searching algorithms.

ans: trees

21. It was formed at the World Series in 1908 after journalists were asked to climb a ladder to the stadium roof and write their reports in the rain and snow. Its early members included Fred Lieb, Grantland Rice, and Damon Runyon. FTP, name this organization that votes on membership in the Baseball Hall of Fame.

ans: The Baseball Writers Association of America

22. The protagonist is one of Wall Street's top bond salesmen who lives on Park Avenue, 'the Best Section of the capital of the Western World', but racial and political tensions flare when his car hits a youth in the Bronx. FTP, name this novel whose characters include Reverend Bacon, Eugene Lopwitz, Peter Fallow, and Sherman McCoy.

ans: *The Bonfire of the Vanities*

23. Lake Clark, Kobuk Valley, Katmai, Kenai Fjords, Wrangell-St. Elias, Denali, and Glacier Bay are among the eight National Parks in, FTP, which state?

ans: Alaska

24. It helps determine what care is covered by insurers, who can be hospitalized against their will, and who is judged too incompetent to raise their own children. Published by the American Psychological Association, it is the world's most influential manual of mental illness. FTP, name this bible of the mental health profession.

ans: Diagnostic and Statistical Manual of Mental Disorders 4

25. Louisa marries the banker Josiah Bounderby for whom her brother works. Her brother however, robs Bounderby's bank, and attempts to frame the mill-hand Stephen Blackpool. FTP, so begins what 1845 novel in which Thomas Gradgrind realizes how his grim practicality has ruined his children's lives, perhaps Dickens's harshest critique of industrialism.

ans: Hard Times

26. He was the prior of the Benedictine monastery of St. Andrew at Rome when Gregory the Great chose him to lead a band of missionaries to England, where he met and converted Ethelbert in 597. FTP, name this man, who later became the first archbishop of Canterbury.

ans: St. Augustine (NOT St. Augustine of Hippo)

27. Trade in this plant introduced into China from Java sometime in the 1600's accounted for about one-quarter of China's economy at one time. FTP, identify this plant, the drug of which eventually caused a Sino-British war.

ans: Oriental Poppy or Opium Poppy

28. It is the most primitive basis for personality and a reservoir of biological impulses, primarily libido. FAQTP, identify this opposite of the ego, according to Freud.

ans: Id

29. The name is the same: the person who rides in the back on a tandem bicycle, a person who tends a furnace, and the last name of an English novelist, most famous for "Dracula."

ans: Stoker

1. Given the company and designation of the following American world war 2 aircraft, give the nickname, 5 pts each, 5 pt bonus for all correct.

- | | |
|------------------------|-----------------------------|
| 1. North American P-51 | ans: <u>Mustang</u> |
| 2. Martin B-26 | ans: <u>Marauder</u> |
| 3. Grumman F4F | ans: <u>Wildcat</u> |
| 4. Consolidated B-24 | ans: <u>Liberator</u> |
| 5. Boeing B-17 | ans: <u>Flying Fortress</u> |

2. Mr. Blackwell has come out with his worst dressed of 1995 list. Given Mr. Blackwell's quote and their place in the list, name the person, 10 pts each.

1. In 1st place, his "'Miss America' drag looks like Godzilla impersonating Gypsy Rose Lee"

ans: Howard Stern

2. In 2nd place, "A frenetic baby doll, lost in a galaxy of grunge"

ans: Courtney Love

3. In 4th place, "Most comedians do comedy routines -- she wears them"

ans: Whoopi Goldberg

3. Tired of identifying capitals? How about this, given some models, you identify the brand of automobile.

- | | |
|---|------------------------|
| 1) (5 pts) Ciera, Calais, and Reatta | ans: <u>Oldsmobile</u> |
| 2) (10 pts) SSK, 300 SLR, and 280 SL "Pagoda" | ans: <u>Mercedes</u> |
| 3) (15 pts) Clio, Megane, 4L | ans: <u>Renault</u> |

4. Given the quote, name the person associated with basketball who spoke it, 10 pts each.

1. "Pat Knight is a living example of why some animals eat their young"

ans: Bobby Knight

2. "I don't ever want to steal any money from the Sixers. But I've played with guys who need a mask to go pick up their checks"

ans: Charles Barkley

3. "I am the only person who has ever harnessed Funk Beyond Control and that's why only I have Close Encounters of the Funkiest Kind."

ans: Darryl Dawkins

5. Answer these questions on the classification of ecosystems in the oceans.

1. For 10 pts, it comprises the ocean bottom and all bottom-dwelling organisms.

ans: Benthic

2. FTP, it consists of the water above the bottom and all the organisms in it.

ans: Pelagic

6. Given the charge distribution, give the radial dependence of the electric field, for 10 pts each. For example, a point charge has a field dependence of $1/r^2$.

1. Non-conducting, infinite charged plane ans: constant or no r dependence
2. Outside a thin spherical shell ans: $1/r^2$
3. Inside a thin spherical shell ans: 0

7. Early 20th century Spanish poet and playwright Federico Garcia Lorca wrote a famous series of 3 tragedies focusing on female characters. For 10 pts each, name the three plays.

ans: La Casa de Bernarda Alba (The House of Bernarda Alba)
Yerma, Bodas de Sangre (The Blood Weddings)

8. Answer these questions on the Second Empire of France, 10pts each

1. Who ruled France during the Second Empire?

ans: Napoleon III or Louis Napoleon Bonaparte

2. Name the Mexican republican leader who overthrew Emperor Maximilian that Napoleon III had set up.

ans: Benito Juárez

3. This Italian state asked Napoleon III to help them fight Austria to unify Italy. As a reward for helping this state, they gave him the French speaking part of Alpine Savoy and the city of Nice.

ans: Piedmont

9. (30) 30-20-10. Give the author.

30 - *The Battle of Life: A Love Story*

20 - *Our Mutual Friend*

10 - *Dealings With The Firm of Dombey and Son*

Ans: Charles DICKENS

10. (25) Bosnia has been divided up into zones of occupation for NATO forces. I'll give you a city, and you tell me whether it's in a American, French, or British zone for five points each and a five point bonus.

- a) Tuzla - AMERICAN
- b) Mostar - FRENCH
- c) Banja Luka - BRITISH
- d) Sarajevo - FRENCH

11. (30) Given a list of paintings, name the artist FTP each.

- a) *The Glass of Absinthe, The Tub, Prima Ballerina* - Edgar DEGAS
- b) *The River, The Fifer, Impression: Sunrise* - Claude MONET
- c) *Odalisque, The Massacre of Chios* - Eugene DELACROIX

12. (30) FTP each, name the Graeco-Roman mythological founders of these cities.

- a) Carthage - DIDO
- b) Thebes - CADMUS
- c) Troy - DARDANUS

13. (30) Given a Civil War battle, tell me the state where the battle took place for the stated number of points.

- a) 5 - Chickamauga - GEORGIA
- b) 5 - Shiloh - TENNESSEE
- c) 10 - Pea Ridge - ARKANSAS
- d) 10 - Chambersburg - PENNSYLVANIA

14. (30) How well do you know famous horses and their riders? I'll give you the horse and you give me the rider FTP each.

- a. Cincinnati - Ulysses S. GRANT
- b. Rienzi - Phil SHERIDAN
- c. Traveler - Robert E. LEE

15. (30) How much do you know about Tecumseh and the Shawnee Wars of the early 19th Century? Answer these questions for the stated number of points.

a) 5 - The 1811 battle where William Henry Harrison defeated the Shawnee and their allies under "The Prophet."

Ans: TIPPECANOE

b) 10 - The Battle where Tecumseh was killed.

Ans: The Battle of the THAMES

c) 15 - The future U.S. Vice President who reportedly killed Tecumseh at the Battle of the Thames.

Ans: Richard M. JOHNSON

16. (30) Given the capital, give the country FTP each.

- a) Ashgabat - TURKMENISTAN
- b) Chisinau - MOLDOVA
- c) Niamey - NIGER

17. Answer these questions on computer science FTP each:

1) What general name is given to a function that invokes itself? The factorial function is a common example.

ans: recursive

2) This computer language has no formal looping statements (such as 'while' or 'for' loops), so all loops must be done by recursive programming.

ans: Lisp (accept Scheme)

3) The equivalence of recursion and conventional looping constructs is a consequence of what hypothesis named after two mathematicians?

ans: Church-Turing Thesis (prompt on 'Church's thesis')

18. Answer these questions on radio astronomy FTPE:

1) He first discovered radio waves emanating from the Milky Way in 1931 while investigating radio static for Bell Labs.

ans: Karl Jansky

2) The world's largest radio dish, this telescope in Puerto Rico was the scene for the finale of *Goldeneye*.

ans: Arecibo

19. There's more to classical music than Dead White European Males. FTPE, name these current best-selling classical artists:

1) This acclaimed Italian mezzo-soprano recently had the top 5 opera CDs. Her albums include *If You Love Me* and *The Impatient Lover*.

ans: Cecilia Bartoli

2) This trumpeter from New Orleans recorded a definitive version of the Haydn concerto at age 20 and recently released an album of 20th-century works.

ans: Wynton Marasalis

3) This British composer scored most of Peter Greenaway's films, but is best known for his best-selling soundtrack to the film *The Piano*.

ans: Michael Nyman

20. FTP each, identify these drummers used by the Beatles:

1) The Beatles's original drummer, later kicked out of the group, his face is blocked out of the cover photo of the new Beatles *Anthology* album.

ans: Pete Best

2) When the Beatles recorded 'Love Me Do' in 1962, this session drummer was hired by George Martin to play drums, with Ringo relegated to the tambourine.

ans: Andy White

3) When Ringo collapsed with throat trouble on the eve of the Beatles 1964 world tour, this drummer replaced him.

ans: Jimmy Nicol

21. Figure skating is now more popular than ever. FTPE, identify these male figure skaters.

1) His trademark move is a triple lutz executed with one arm extended in the air.

ans: Brian Boitano

2) This martial arts aficionado landed a quadruple-triple combination on his way to a 1994 Olympic silver.

ans: Elvis Stojko

3) This charismatic Frenchman and Olympic medalist is known for winding up shirtless by the end of his exhibition routines.

ans: Philippe Candeloro

22. Many recent American authors are noted for their non-fiction works. FTPE, identify the author given the non-fiction books:

1) *Wiseguy, Casino*

ans: Nicholas Pileggi

2) *The Making of the Atomic Bomb, Dark Sun*

ans: Richard Rhodes

3) *Slouching Towards Bethlehem, Salvador*

ans: Joan Didion

23. 30-20-10: Name the nation.

30) Its flag has a sky-blue field with a golden sun and a soaring eagle; in the hoist is a patterned vertical stripe described as the 'national ornamentation'.

20) Located in this former republic is the Baikonur Cosmodrome, the home of the Soviet space program.

10) It is the largest nation in central Asia.

ans: Kazakhstan

24. Name these figures in the history of mental quantification FTPE:

1) He founded the Anthropological Society of Paris in 1859. Data he collected purported to show that larger brain size indicated higher intelligence.

ans: Paul Broca

2) Director of the Sorbonne's psychology lab, he was commissioned in 1904 to develop techniques for identifying children who needed remedial education.

ans: Alfred Binet

3) Inventor of the term 'moron', he popularized Binet's scale in America, applying the tests, and promoting their general use.

ans: H. H. Goddard

25. Identify these works, all sharing something in common.

1) (5 pts) Written in 1939, it is a collection of sketches about a middle class Englishwoman by Jan Struther. Later, it became a popular movie.

ans: Mrs. Miniver

2) (10 pts) A 1935 novel, it concerns an English society woman and Peter Walsh, a man she loves, but ultimately rejects, as she fears he is too possessive. The third main character, Septimus Smith, never meets the other two, but is connected to them by a passing bus.

ans: Mrs. Dalloway

3) (15 pts) A play by George Bernard Shaw, it describes the relationship between a woman who has secretly been a prostitute and her 22 year old daughter Vivie.

ans: Mrs. Warren's Profession

26. For your bonus, answer these questions about Thailand.

1) (10pts) While Thailand has never been subjected to colonial rule, its independence was first threatened in 1688, when jesuit missionairies from what European country threatened to take it over.

ans: France

2) (10 pts) It is the shared name of five Thai kings who ruled from 1783-1910.

ans: Rama

3) (10 pts) And in 1967, Thailand took the lead in forming this body, whose members have sought to increase their power in international trade by a coordination of policies.

ans: Association of South East Asian Nations

27. For your bonus, identify these anthropologists FTP each

1) He grew up among the Kikuyu and was initiated into manhood according to their tribal rites. For five points, identify this man who worked with Hans Reck.

ans: Louis Leaky

2) Born in Belgium, he lived for five years in Brazil, studying the natives of the Mato Grosso region. His most significant work is a four-volume study of American mythology.

ans: Claude Levi-Strauss

3) Her studies of primitive cultures support the doctrine of cultural relativity. Her works include "Zuni Mythology" and "The Chrysanthemum and the Sword"

ans: Ruth Benedict

28. Answer these questions about the religion of ancient Egypt FTP each.

1) The mythological struggles of these two gods reflect their historical position, as one was the chief god of lower Egypt and the other of upper Egypt.

ans: Horus and Set (or Seth)

2) The sun god, he was primarily worshipped in heliopolis and Memphis, and was considered the chief god prior to the cult of Osiris.

ans: Re (or Ra) Do NOT accept Amon-Re.

3) He preached monotheism and belief in Aton. However, his attempts were unsuccessful and the priests of Amon stripped him of his power.

ans: Akhenaton

29. FTP each, identify these assassinated former middle eastern leaders.

1) He was shot in the head by his own nephew, while bowing to greet him, in March of 1975.

ans: King Faisal of Saudi Arabia

2) This head of Algeria's moderate coalition government was killed in June 1992.

ans: Mohamed Boudiaf

3) The president-elect of Lebanon killed in 1982.

ans: Bashir Gemayel