

TOSS UPS

1. Willie Saks, Jed Jackson, Willie Delight, Jack Harris, Jimmy Malone, and Pedro Lopez were some of the aliases that this man tried before settling on his current one. All of these were replacements for his real name: Nathan Birnbaum. FTP, identify this centenarian.

answer: George Burns

2. Probably the most recognizable likeness painted by John Stewart Curry is one of this man, who is the dominant figure in Curry's mural at the Kansas State House in Topeka. The depiction of the wild-eyed man with a bible in one hand and a rifle in the other seems to capture the man, whose love of righteous violence made him famous. FTP, name this abolitionist.

answer: John Brown

3. The 1947 movie Dear Ruth, starring William Holden and Joan Caulfield, while popular, also had an impact on American literature, specifically this novel. Its author decided on the name of the book's main character when he saw the theater marquee advertising the movie, especially the last names of its stars. FTP, identify this novel about Holden Caulfield.

answer: Catcher in the Rye

4. It did not receive its name because of the fact that it indicates the direction in which a propagating electromagnetic wave carries energy and momentum, but rather as a tribute to the British physicist who first described it. FTP, identify this vector which lies in the direction of the cross product of the oscillating electric and magnetic field vectors in an electromagnetic wave, and whose magnitude indicates the power flux of the wave.

answer: the Poynting vector(named for John Henry Poynting)

5. In the eighteen months since he was elected as president, he has faced allegation that his election campaign was funded in large part by the Cali drug cartel. He denies all the allegations, but many of the Colombian people are calling for his immediate resignation. FTP, name the current president of Colombia.

answer: Ernesto Samper de Pizano

6. Just south of the equator and to the west of the Gilbert Islands lies this tiny country on what used to be called Pleasant Island. Guano mining will essentially annihilate the island by the year 2000. FTP, name this country which became independent in 1968.

answer: Nauru

7. Born in Poland, he emigrated to Palestine in 1935, where he was arrested twice for participating in a militant Jewish organization. After fleeing to France for two years, he returned to Israel in 1948 and worked for the secret service until 1965. Appointed minister of foreign affairs in 1980, he shared the prime ministership with Shimon Peres for five years. FTP, name this Israeli leader, who was defeated by Yitzhak Rabin in 1992.

answer: Yitzhak Shamir

8. It is a large molecule consisting of six to eight fatty acids bound to a sugar molecule, and will pass through the GI tract without being digested by lipase. It can have many unpleasant side-effects if consumed in large enough quantities, the most serious being anal leakage and depletion of the body's supply of fat soluble vitamins. FTP, name this fat-free fat recently approved by the Food and Drug Administration for widescale distribution.

answer: olestra(tradename of Olean)

9. It began in Iran in 1844, and today has about 5 million followers. It teaches that all the world's major religions are in agreement with each other. Name this religion, whose temple in Wilmette, Illinois has become a major tourist attraction.

answer: Baha'i

10. It was founded in 1766 as Queen's College, the eighth colonial college to receive a charter from the monarchy. Renamed in 1825 after a wealthy benefactor, it now operates Douglass College and Livingston College. FTP, name this university, the flagship of the Garden State.

answer: Rutgers(or State University of Rutgers)

11. Discovered in 1857 by Ethan Allen Grosh and Hosea Ballou Grosh who died tragically before their claims could be recorded, this mineral deposit was named after the prospector who took over their claims. FTP, name this area, whose "capital" was Virginia City and is the richest known U.S. Silver deposit.

answer: Comstock Lode

12. This annual event commemorates the 1922 outbreak of diphtheria in Alaska. It retraces the path of a group of volunteers as they raced to deliver antiserum from Anchorage to the town of Nome. FTP, name this 1200 mile dogsled race.

answer: the Iditarod

13. He was inducted into the National Inventors Hall of Fame in 1977. While he made important contributions to the theory of color vision, he is best remembered for his contributions to the photographic industry. FTP, name the man who invented the Polaroid instant camera.

answer: Edwin H. Land

14. This English portrait and landscape painter was born in Sudbury in 1727. He only created portraits for the money, disdainful of the class of society that he toiled for, preferring to spend time working on idyllic subjects. FTP, name the painter of "The Mall", "Lady Innes", and "Blue Boy."

answer: Thomas Gainsborough

15. It is the study of yeasts, molds, mushrooms, and other organisms that have mycolic acid in their cell walls. FTP, name the branch of biology devoted to the study of fungi.

answer: mycology

16. His adoption of the mysticism of Swedenborg led to "The Dream Play" and "The Ghost Sonata." His three failed marriages, which led to his misogyny(and contributed to his more

than 70 plays) are detailed in his autobiography Son of a Servant. FTP, name this Swedish playwright of "The Father".

answer: Johann August Strindberg

18. It is the German word for a hangover, and literally means "cat wailing." In the United States it is familiar because of the work of Rudolph Dirks. FTP, identify this word associated with comic strip "Kids" Hans and Fritz.

answer: katzenjammer

19. The tragic couple in this opera consists of Rodolfo and Mimi, who meet in the Latin Quarter of Paris on Christmas Eve. Later, after mutual accusations of jealousy and heartlessness, they decided they must part, although both regret it. They are reconciled just in time to be together for Mimi's death from tuberculosis. FTP, identify this Puccini opera about the Bohemian life.

answer: La Boheme

20. This artist was quoted as saying "I copy the work of God and leave the clothes to the tailors." This is an explanation of why his most famous portrait is unfinished below the shoulders. Experts claim he did a poor job of copying the work of God, in this case, and is thus to blame for the wide gap between the public perception and the actual appearance of George Washington. FTP, identify this artist who painted the Athenaeum portrait of Washington.

answer: Gilbert Stuart

21. It works by inhibiting the synthesis of viral RNA and proteins, and it was once thought that it would be the cure for AIDS and cancer. However, the dose required to be effective is more than enough to kill the patient. FTP, name this protein that is synthesized by T lymphocytes after exposure to viral antigens.

answer: gamma interferon(do not accept alpha or beta)

22. Only one person in the history of the NBA has shot at over sixty percent from the field and eighty percent from the free-throw line during the same season, having done so in the 1988-1989 season. He has since then retired from the Boston Celtics organization and become the vice president of basketball operations for the hapless Minnesota Timberwolves. FTP, name this future hall-of-famer whose number 32 hangs from the rafters of Boston's new Fleet Center.

answer: Kevin McHale

23. This controversial woman was a minor actress herself, though she gained most of her fame in other ways, much like the person who will play her in a new film adaptation of the popular musical based on her life. Though she died of cancer at age 33, Madonna seems an excellent choice to portray this South American harlot-philanthropist in <sup>1971</sup>Webber's "Evita." FTP, name her.

answer: Eva Duartae de Peron(prompt on Evita)

24. In 1848, this trio of sisters claimed to hear mysterious, inexplicable rappings at their Acadia, New York home. Claiming that these sounds were made by the spirits attempting to communicate with the living, they spread the word of the strange sounds and soon collected a following of believers. This following turned into a spiritualist movement, swelling in ranks to more than a million by 1855. The sisters travelled to many regions, charging admission to

"performances" where audiences could hear the rapping(which apparently followed the sisters) for themselves. FTP, name these most famous seers of 19th century American spiritualism.

answer: the Fox sisters(Margaret, Leah and Catherine)

25. The Edict of Emancipation of 1861 freed all of the Russian Serfs, who accounted for over one third of the total Russian population. FTP, name the czar who started the reform movement, but was later assassinated in 1881 by the People's Will, a populist movement.

answer: Alexander the Second

26. This racist physicist taught at Stanford for over 25 years. Winner of the Nobel Prize in 1956, he became the center of controversy when he lectured on his theory that Blacks were intellectually inferior, but reproducing faster than Whites, therefore causing a regression in human evolution. FTP, name this wacko, an inventor of the transistor.

answer: William Shockley

## BONUS QUESTIONS

1. (30 pts) Nine movies released in 1995 grossed over one hundred million dollars at the box office. Name any six for five points each and a maximum of thirty points.

answers: Toy Story

Batman Forever

Apollo 13

Pocahontas

Ace Ventura: When Nature Calls

Goldeneye

Casper

Die Hard with a Vengeance

Jumanji

2. (30 pts) Identify the animal described by each of the following adjectives.

a)bovine answer: cow

b)caprine answer: goat

c)lupine answer: wolf

d)murine answer: mouse

e)vulpine answer: fox

f)acephaline answer: wildebeest(accept buffalo or bison)

3. (20 pts) Identify the creators of these famous American works of art.

a)American Gothic answer: Grant Wood

b)The Declaration of Independence answer: John Trumbull

c)Washington Crossing the Delaware answer: Emmanuel Gottlieb Leutze

d)The Spirit of '76 answer: Archibald Willard

4. (30 pts) Answer the following questions about particle physics.

a)The class of particles with negligible rest mass, such as photons, which must always travel at the speed of light, and may not be slowed unless they are destroyed.

answer: luxons

b)The class of particles with finite rest mass which must always travel below the speed of light, regardless of how much energy is put into them.

answer: tardyons

c)The hypothetical class of particles which may never travel at or below the speed of light, no matter how much energy is taken away from them.

answer: tachyons

5. (20 pts) The Grand Slam of men's professional golf consists of four tournaments: the PGA Championship, the Masters, the British Open, and the U.S. Open. For five points each, put them in chronological order as they are played in a normal golf season.

answer: the Masters, the U.S. Open, the British Open, the PGA Championship

6. (30-20-10) Identify the writer from the quotes.

a)"The older I grow the more I distrust the familiar doctrine that age brings wisdom."

b)"Democracy is the theory that the common people know what they want, and deserve to get it good and hard."

c)"no one in this world, so far as I know, has ever lost money by underestimating the intelligence of the great masses of the plain people."

answer: H.L. Mencken

7. (30 pts) There are twenty six counties in the Republic of Ireland. For five points each, identify the six most populous of these counties.

answers: Dublin

Cork

Galway

Limerick

Tipperary

Kerry

8. (30 pts) Given its empirical formula, name the chemical compound.

a)C-8-H-10 answer: octane

b)CH<sub>3</sub>-C-O-CH<sub>3</sub> or C-3-H-4-O answer: acetone or 2-propanone or dimethyl ketone

c)C-3-H-7-OH, hydroxyl group on second carbon answer: 2-propanol or 2-propyl alcohol

9. (30 pts) Before you are the scores to three musical compositions. Two are popular television theme songs; the third is a classical piece from the Baroque period. Give the title of each composition, for ten points each.

NOTE TO MODERATOR: allow 30 seconds total before prompting for answers to all 3

answers: A)Theme from Jeopardy!

B)Theme from Star Trek: The Next Generation (prompt on "Star Trek")

C)Pachelbel's Canon in D

10. (30-20-10)Identify the year in which the following events occurred.

a)U.S. accidentally seizes California from Mexico then returns it and apologizes.

b)Crawford Long performs first operation using general anesthesia.

c)Webster-Ashburton treaty sets U.S.-Canada borders

answer: 1842

11. (30 pts) Identify the novel from the characters, for ten points each or five points if you need the author's name:

a1)Clym Yeobright and Eustacia Vye

a2)Thomas Hardy

answer: The Return of the Native

b1)Robert E. Lee Prewitt and Angelo Maggio

b2)James Jones

answer: From Here to Eternity

c1)Henry Fleming and Jim Conklin

c2)Stephen Crane

answer: The Red Badge of Courage

12. (30 pts) At my high school, we often engaged in a game called "Playing the Dozens" where two people would take turns insulting each other's mothers, usually starting with "Yo mama." FTP each, identify literary character I am playing the dozens with, given a Yo Mama joke.

a) Yo mama so hungry, she eats human flesh and raids mead hall at night.

answer: Grendel

b) Yo mama so mean, you don't even know which day she died, and don't cry at her funeral.

answer: Meurseault or The Stranger (or the Outsider or L'Etranger)

13. (30-20-10) Identify the politician.

a) He was Speaker of the House from 1931-1933.

b) He lived to age 99, the oldest of any vice president.

c) He was famous for saying that the office of Vice President was "not worth a bucket of warm spit."

answer: John Nance Garner

14. (30pts) Identify whether or not each of the following is an actual disease of domesticated animals, or something that was made up for the purpose of this question.

a) bumpy horse disease answer: real (equine sarcoids or warts)

b) orf answer: real (sheep and goat pox)

c) old goat disease answer: made up

d) parrot pox answer: real

e) goose venereal disease answer: real

f) mad cow disease answer: real (bovine spongiform encephalopathy)

15. (25 pts) Identify the Olympic sport associated with each of the following maneuvers.

a) double axle answer: figure skating

b) Fosbury flop answer: high jump

c) inverted giant swing answer: gymnastics (uneven and high bars)

d) double pike answer: platform diving

e) triple Salchow answer: figure skating

16. (20pts) Name the oddball North American holiday that falls on each of the following dates.

a) Feb. 15 answer: Susan B. Anthony Day

b) May 22 answer: National Maritime Day

c) July 1 answer: Canada Day

d) Oct. 24 answer: United Nation's Day

17. (20 pts) Answer the following questions about economics.

a) This is the name given to an item whose demand does not drop despite inflation.

answer: a Giffen good

b) This 16th century English merchant and financier is best known for having his name attached to the economics principle that "bad money drives out good."

answer: Sir John Gresham

18. (20 pts) Last year, the Postal Service issued a sheet of commemorative stamps honoring

classic comic strips. Given the name of one of these comics, identify its creator.

- a) "Dick Tracy" answer: Chester Gould
- b) "Blondie" answer: Chic Young
- c) "Little Orphan Annie" answer: Harold Gray
- d) "Popeye" answer: E.C. Segar

19. (25 pts) For five points each, name the five rivers of Hades.

- answers: Acheron Phlegethon  
Cocytus  
Styx  
Lethe

20. (20 pts) Identify the artist who painted each of the following.

- a) Madonna of the Rocks answer: Leonardo da Vinci (accept either part)
- b) Madonna of the Long Neck answer: Parmagianino

21. (30 pts) The American Kennel Club currently recognizes six different breed classifications for dogs. Name them, for five points each.

- answers: working herding hound  
terrier toy nonsporting

22. (25pts) Name the tissue or organ associated with each of the following structures.

- a) Islets of Langerhans answer: pancreas
- b) bundle of His answer: heart
- c) Merkel's corpuscles answer: skin
- d) Haversian canals answer: bone
- e) loop of Henle answer: kidney

23. (20 pts) Name these popular 1980's music tunes and their original artists from their first lines, for five points each.

- a) "She was more like a beauty queen from a movie scene."  
answer: "Billie Jean" by Michael Jackson
- b) "Without you, without you, I always thought that everything was fine.."  
answer: "Out of the Blue" by Debbie Gibson

24. (25 pts) Name the five pillars of Islam, for five points each.

- answers: profession of faith ("There is no God, but Allah, and Muhammad is his prophet.")  
alms for the poor  
fast of Ramadan  
pilgrimage to Mecca  
prayer facing Mecca, 5 times daily

25. (30pts) Answer these questions about the recent and controversial book Primary Colors

- a) Who is the governor of the unnamed small Southern state?  
answer: Jack Stanton

b)What company publishes this book?

answer: Random House

c)Who owns the copyright to the book?

answer: Machiavelliana, Inc.

A

Moderately bright

Music by  
MERV GRIFFIN

VCO

To Coda ⊕



D.C. al Coda

⊕

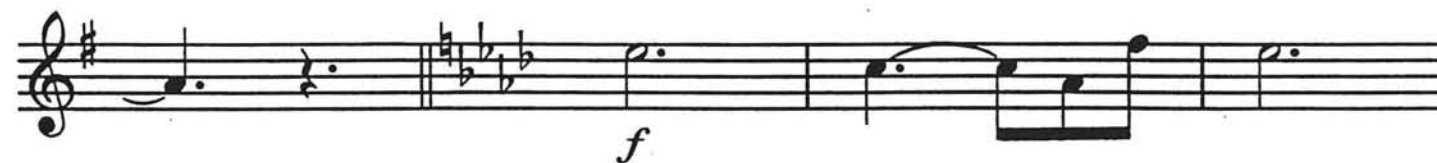
Coda



B

Boldly, through space

air



C1

Moderately Flowing

Piano Transcription by Alexander Cole

The first system of musical notation is for a piano transcription. It consists of a grand staff with a treble and bass clef. The key signature is two sharps (F# and C#), and the time signature is 4/4. The tempo/mood is 'Moderately Flowing'. The dynamics are marked 'pp' (pianissimo) and 'Legato'. The right hand has a whole rest for the first four measures. The left hand plays a descending eighth-note scale: B4, A4, G4, F#4, E4, D4, C#4, B3.

The second system of musical notation continues the piano transcription. The right hand plays a descending eighth-note scale: B4, A4, G4, F#4, E4, D4, C#4, B4. The left hand plays a descending eighth-note scale: B3, A3, G3, F#3, E3, D3, C#3, B2. The dynamics are marked 'p' (piano).

The third system of musical notation continues the piano transcription. The right hand plays a descending eighth-note scale: B4, A4, G4, F#4, E4, D4, C#4, B4. The left hand plays a descending eighth-note scale: B3, A3, G3, F#3, E3, D3, C#3, B2. The dynamics are marked 'p' (piano).

C2

