

Tossups by The Bogus Army (Jejjala, LaSala, Starsinic, and Swisdak) for 1998 Tennessee Masters

1. It originally ran on two parallel highways, one outbound and one inbound, from Normandy to Chartres, but it was later extended to Soissons, Sommesous, and Arcis-sur-Aube. Three quarters of those who worked on it were Black, since the Quartermaster Corps, where Blacks were often relegated, was intimately involved in the operation. Primarily employing 6-by-6's, GMC 2 1/2-ton trucks, it moved over 400,000 tons of supplies between August 25 and November 16, 1944. FTP, name this U.S. Army trucking operation which kept Allied armies supplied as they drove through France in World War II.

answer: Red Ball Express

2. This movie is referred to in *The Godfather*, and is the reason why someone wakes up with a horse in his bed. It is well-known that Frank Sinatra did a lot of lobbying for the role of Private Angelo Maggio. The rest of the movie was also a critical success without mob interference. FTP, name this movie about the pre-Pearl Harbor U.S. Army, which won Oscars for Best Supporting Actress, Best Supporting Actor, Best Director, and Best Picture.

answer: From Here to Eternity

3. He explores guilt in his drama about a manufacturer of faulty war materials, *All My Sons* and in *A View From the Bridge*, which focuses on a longshoreman's passion for his niece. A policeman and his brother are central in 1968's *The Price*, and his best-known work is also an intense family drama. FTP—who garnered comparisons to Greek tragedians with his tragic protagonist Willie Loman.

answer: Arthur Miller

4. The composer revised the work four times. Though the music was set to a French libretto, the opera is most frequently performed in Italian. Highlights include Princess Eboli's "Veil Song"; the friendship duet between Rodrigo, Marquis of Posa, and the title character; the auto-da-fe; the confrontation between the Grand Inquisitor and Philip II; and the farewell duet sung by Elisabeth of Valois and the Infante of Spain. FTP, identify this grand opera by Giuseppe Verdi.

answer: Don Carlos or Don Carlo

5. In mathematics, his conjecture states that a simply connected three-dimensional manifold is homeomorphic to a three sphere. His formula generalizes Euler's polyhedral formula to topological surfaces of arbitrary genus. In physics, his group consists of the set of Lorentz boosts, rotations, and translations in space and time. His Recurrence Theorem states that in a finite volume of phase space the initial conditions will eventually be reproduced to arbitrary precision. FTP, identify the important turn-of-the-century French mathematician and physicist whose work also described many of the properties of deterministic chaos.

answer: Jules Henri Poincare

6. When there were questions about Theodore Roosevelt's residency before he ran for governor, this man fixed it. He benefitted during Roosevelt's presidency, in which he served as Secretary of War and Secretary of State and earned a reputation for being one of the few people who could speak critically to TR. FTP, name this early American thinker in foreign policy who won a Noble Prize in 1912 for his work towards international peace.

answer: Elihu Root

7. The "Records of Ancient Matters" tells how the divine powers, or *kami*, emerged, as well as tales of their descendants including the first ruler, Jimmu. Visitors to a shrine pass through a *torii* and

wash the hands and mouth before visiting the sacred symbol or *shintai*. FTP—name this religion whose chief goddess is Amaterasu and which is indigenous to Japan.

answer: Shinto

8. He was assassinated in his cellar for being a conspirator in a revolt against the king. At the age of 20, he married a woman named Herdis, but lived successively with four other women: Hallveig, Gudrun, Oddny, and Thuridur. Lawspeaker in Althing from 1215 to 1218 and again from 1222 to 1231, he is better remembered for his writings. FTP, name this man who wrote the Egils saga, the Heimskringla and the Prose Edda.

answer: Snorri Sturluson

9. Occupied by Arawak and Carib Indians when Columbus discovered it, it was a geopolitical football between competing countries for many years, until it was split between England and France by the 1802 Treaty of Amiens before becoming wholly British at the Congress of Vienna. The population is mixed, with about a 60-40 split of those of African and Asian-Indian descent. Pitch Lake is the world's largest natural source of asphalt, and petroleum and gas products dominate the economy. FTP, name this country which has produced the writers C. L. R. James and V. S. Naipaul, and lies across the Gulf of Paria from Venezuela.

answer: Trinidad and Tobago

10. Developed by Kary B. Mullis of Cetus Corp. in 1983, it is a three-step process. First, the template is heated to separate the strands, then two oligonucleotide primers are attached to each strand to identify them, and the addition of a natural enzyme completes the process. FTP, name this technique used extensively in medical research and forensic investigation to greatly multiply a small sample of DNA.

answer: PCR or polymerase chain reaction

11. According to Churchill, he was killed by having his bowels burnt by red hot irons so that no marks would appear on his skin. He was well-known for being effete and having crushes on Piers Gaveston and the younger Hugh le Despenser, which led to his downfall. While his wife may not have had an affair with William Wallace, she did take up with Roger Mortimer to depose him. FTP, name this weak English king, best known for losing the Battle of Bannockburn.

answer: Edward II

12. To Foucault, the asymmetry of seeing without being seen is the essence of power. Conceived in 1787, blinds and mazes hide signs of an observer. Composed of a central tower and an annulus divided into backlit cells, prisoners are isolated from each other and watched from the tower. FTP, identify this prison created by Jeremy Bentham, named from the Greek for "all-seeing."

answer: Panopticon (accept Panoptic Machine)

13. Born in Valencia, he went to Madrid in 1883 to attend law school. Entering the antimonarchist movement, he founded the radical newspaper *El Pueblo* and was jailed 30 times for his political activities. He died in 1928 in self-imposed exile in France, protesting the dictatorship of Primo de Rivera. His early novels, such as *The Cabin* and *Reeds and Mud* were praised for their realistic rendering of the peasants of Valencia, but he traded critical acclaim for popular success in his later novels. FTP, name this author of *The Fruit of the Vine*, *Blood and Sand*, and *The Four Horsemen of the Apocalypse*.

answer: Vicente Blasco Ibanez

14. Probably the son of Heaven and Earth, he is often depicted riding his white elephant Airavata. The father of Arjuna, he declined in prestige, and in one story his followers were persuaded to worship Krishna instead, and he was demoted to rain god during classical Hinduism. FTP, name this chief Vedic sky god who vanquished Vritra, the dragon of chaos and drought.

answer: Indra (also accept Mahendra)

15. It browses on algae and decaying matter by means of a radula, a ribbon-like tongue, often containing thousands of denticles that are projected from the mouth opening and drawn along rocks or leaves. It moves by cilia and, in the land types, a track of laid-down slime. Edible versions include the abalone, periwinkle, and queen conch. FTP, name this gastropod, best known for being escargot.

answer: snails

16. His reign saw the signings of the Treaty of Angoulême and the Peace of Alais, the latter after the capture of Huguenot forces at La Rochelle. While fighting the War of the Mantuan Secession, he paid Sweden to prolong the Thirty Years' War and later declared war against Spain in 1636. FTP—name this son of Marie de Medicis and Henry IV who was advised by Cardinal Richelieu.

answer: Louis XIII

17. Capcom Joe Allen directed the Apollo 15 astronauts to his crater and quoted a few of his verses during their last moonwalk. The "Grand Canal" may be his finest work, but "The Green Hills of Earth" is surely his best-known song. The award given by the Science Fiction Poetry Association is named for him. FTP, identify this blind singer of the spaceways created by Robert A. Heinlein.

answer: Rhysling (accept Noisy; prompt on "Heinlein")

18. Formed by mudslides near the continental shelf, lack of oxygen preserved many soft-bodied animals, including those from the genera *Hallucigenia* and *Anomalocaris*. Discovered in 1909, this site in the Rockies is unique in its preservation of Middle Cambrian specimens. FTP—name this Canadian fossil bed described in Stephen Jay Gould's *Wonderful Life*.

answer: Burgess Shale

19. From 1772 to 1782 and 1783 to 1793, he was acting commander-in-chief of the British army. He served in Europe during the Seven Years' War before being sent to America. There he was promoted to major general, and had a successful career, taking Fort Ticonderoga in 1759 and Montreal in 1760. But his crowning achievement may have been leading the force that captured the French fortress of Louisbourg in 1758. FTP, identify this British general whose name is now associated with a Massachusetts liberal arts college where Henry Steele Commager used to teach.

answer: Jeffrey Amherst

20. The play is set in the Middle Ages in the English market town of Cool Clary. The mayor's two nephews, Nicholas and Humphrey, battle for the hand of young Alizon Eliot, who elopes with Richard instead. The former soldier Thomas Mendip insists that he has killed a peddler but no one believes him. Townsfolk demand that an alchemist's daughter, Jennet Jourdemayne, be put to death for witchcraft. FTP, identify this verse comedy by Christopher Fry.

answer: The Lady's Not for Burning

21. The Frenchman Martin Decoud commits suicide by shooting himself, weighting himself down, and diving into Sulaco's harbor to drown. The title character Gian' Battista is shot by Giorgio Viola, the father of Linda, his fiancée, and Giselle, his beloved. He dies without revealing the location of the silver ingots he had buried on the island of Great Isabel to avoid their capture years before by the rebels trying to overthrow the government of Costaguana. FTP, name this Conrad work whose title is the nickname of Gian' Battista, given to him because of his "incorruptibility."

answer: Nostromo

22. They were commissioned by John Lane, and the blocks were cut by Carl Hentschel. The frontispiece is called *The Woman in the Moon* and is signed with the artist's emblem. The illustrations, which form an integral part of the English Aesthetic Movement, are noted for their reliance on line. Individual drawings bear such titles as *A Platonic Lament*, *The Peacock Skirt*, *The Stomach Dance*, and

The Eyes of Herod. FTP, identify this series of drawings by Aubrey Beardsley that accompany a play by Oscar Wilde.

answer: Salome Prints

23. In 1945 the colonial ruler regained control of this province bounded by the Wetar and Ombai straits. Its declaration of independence in 1975 led to a civil war between the UDT and Fretilin parties and an invasion by another country nine days later. FTP—Bishop Carlos Belo and Jose Ramos-Horta won the Nobel Peace Prize for protesting which province's annexation by Indonesia.

answer: East Timor (accept Timor Timur)

24. Before the war, he was a music teacher who was afraid of horses. War being what it is, he soon rose through the ranks to become a cavalry commander for Grant. After the war, he commanded the Buffalo Soldiers. FTP, name this Union cavalry commander who in 1863 led a raid from LaGrange, Tennessee, to Baton Rouge which distracted the Rebels while Grant besieged Vicksburg.

answer: Benjamin Grierson

25. Championed by William Sumner and Walter Bagehot, it's been used to justify laissez-faire capitalism and political conservatism. Veblen's *Theory of the Leisure Class* applies its tenets, and soon after its birth, it was claimed to predict the outcome of the Franco-Prussian War. FTP—name this theory derived from 1859's *The Origin of Species*.

answer: Social Darwinism (prompt on "evolution" or "Darwinism")

26. The name was first applied in a paper on spontaneous magnetization by Peirls. The three-dimensional model has not been solved yet, but string theory may eventually provide a solution. The two-dimensional model was solved analytically by Onsager in 1944. It can be used to study neural networks as well as phase transitions in binary alloys and spin glasses. Heisenberg used its exchange mechanism to study ferromagnetism. FTP, name the statistical mechanics model of two-state systems on a lattice with nearest neighbor interactions that was introduced in a 1924 doctoral thesis.

answer: Ising Model

27. The last name's the same: George was a leader of the 1850s Canadian Reform Party; Jacob Jennings was wounded at the Battle of Lundy Lane; Charles Brockden was the first person in the United States to earn a living by writing; and Three Finger pitched for the Cubs. FTP, give this common last name, which is the same as the "Godfather of Soul."

answer: Brown

Bonuses by The Bogus Army (Jejjala, LaSala, Starsinic, and Swisdak) for 1998 Tennessee Masters

1. Identify the following plant hormones, for 10 points each.

A. This group of hormones was discovered in the 1920's in Japan in a fungus which caused "foolish seedling" disease in rice. They move up from the roots through the xylem and promote the growth of main stems. They are used commercially for hastening germination, encouraging plant growth in cold weather, and ending the dormancy of some seeds.

answer: gibberellins

B. These hormones are derived from adenine. Synthesized in the roots and transported through the xylem like gibberellins, they are required for normal growth and differentiation. They prevent the breakdown of chlorophyll, and are used commercially in the storage of green vegetables.

answer: cytokinins

C. Chemically related to cytokinins, this hormone is produced in response to such stimuli as the changing relative lengths of day and night during autumn, and induces dormancy of buds and promotes leaf fall.

answer: abscisic acid or dormin

2. On the 100th anniversary of the Spanish-American War, let's see how much you know about the war.

A. For 5 points—who said, "You may fire when you are ready, Gridley," as the attack on Manila Bay began?

answer: Admiral George Dewey

B. For 5 points—what was the name of Dewey's flagship?

answer: USS Olympia

C. On June 22, 1898, American forces landed at this beachhead, which later inspired a drink. For 5 points—name it.

answer: Daiquiri

D. For 5 points—name the Cuban city where the Spanish fleet was blockaded, and which became the main goal for the American forces.

answer: Santiago

E. On July 1, two important battles were fought to break the Spanish defenses of Santiago. For 10 points—name both of them.

answer: San Juan Hill and El Caney

3. Name the poets from the first lines works, for 10 points each, or from the name of the poem, for 5 points..

A. 10: "I was thy neighbour once, thou rugged Pile! / Four summer weeks I dwelt in sight of thee."

5: "Elegiac Stanzas Suggested by a Picture of Peele Castle in a Storm"

answer: William Wordsworth

B. 10: "Awake, my St. John! leave all meaner things / To low ambition, and the pride of kings."

5: "An Essay on Man in Four Epistles"

answer: Alexander Pope

C. 10: "Farewell, thou child of my right hand, and joy; / My sin was too much hope of thee, lov'd boy."

5: "On My First Son"

answer: Ben Jonson

4. Answer the following questions about the mythical hero, Jason.

A. For 5 points each—who were his father and mother?

answer: Aeson and Alcimede

B. For 10 points—who was the centaur who cared for him as he grew up?

answer: Chiron

C. For 10 points—which goddess was the old woman whom Jason helped across the Anaurus River, where he lost his sandal?

answer: Hera

5. Identify the musicals from songs, for the stated number of points.

A. For 5 points: "Piddle, Twiddle, and Resolve"; "Sit Down, John"; "Mama Look Sharp"

answer: 1776

B. For 5 points: "The Company Way"; "Brotherhood of Man"; "Paris Original"

answer: How to Succeed in Business Without Really Trying

C. For 10 points: "What Did I Have That I Don't Have?"; "Come Back to Me"; "Hurry! It's Lovely Up Here"

answer: On a Clear Day You Can See Forever

D. For 10 points: "Hey, There"; "Hernando's Hideaway"; "Steam Heat"

answer: The Pajama Game

6. Identify the following cultures which have been made famous by the works of anthropologists, for 10 points each.

A. Intensively studied by Franz Boas, these inhabitants of British Columbia elaborately developed the potlatch ceremony.

answer: Kwakiutl

B. Described in Malinowski's *Argonauts of the Western Pacific*, these Melanesians live off eastern New Guinea.

answer: Trobriand islanders

C. Radcliffe-Brown's 1922 study of these islanders contains the essential formulation of structural functionalism

answer: Andaman islanders

7. What's this? A World Almanac bonus at Masters? Yeah, but it's the 1948 World Almanac--ACF current events. Answer the following questions, 10 points each.

A. This "free territory" is included in the list of foreign countries. It was set up in the February 1947 peace treaty with Italy. It had an area of 430 square miles, a population of about 330,000, and its official languages were Italian and Slovene.

answer: Trieste

B. In December 1946, United Nations Headquarters Committee voted 33-7 to accept the donation of a six-block area on the East River in Manhattan for the UN's headquarters, a donation offered by this man.

answer: John D. Rockefeller, Jr.

C. This man was elected the first president on the Philippines in April 1946.

answer: Manuel Roxas y Acuna

8. Answer the following questions about particle physics, for stated number of points.

A. 5: Contrary to what many bonuses claim, the proton is not simply composed of two up quarks and a down. There are also sea quarks of every type in addition to what particles that mediate the strong nuclear force?

answer: gluons

B. 5: Non-zero mass for these chargeless fermions requires adding at least three terms to the standard model Lagrangian. They come in three types and can mix into each other.

answer: neutrinos

C. 10: This symmetry was formulated to account for the presence of nearly degenerate (in mass) particles with related properties (such as spin and intrinsic parity) but different electric charge. Like rotational invariance, it is a continuous property.

answer: isospin

D. 10: Ken Wilson developed this technique whereby infinities that arise in a quantum field theory may be systematically canceled against each other.

answer: Renormalization Group or RG

9. Answer the following related lit questions, for the stated number of points.

A. 10: This Richard Adams novel focuses on the hunter Kelderek and the giant bear he worships.

answer: Shardik

B. 5: In his novel *The Wastelands*, gunslinger Roland encounters a giant bear named Shardik.

answer: Stephen King

C. 5: King's *Dark Tower* series is based on whose poem "Childe Roland to the Dark Tower Came"?

answer: Robert Browning

D. 10: Browning's inspiration for "Childe Roland" came from a nonsense line of verse spoken in which Shakespearean play?

answer: King Lear

10. Identify the artist based on Vasari anecdote, for 10 points each, or an additional clue, for 5 points.

A. 10: When he came to die in a hospital, his friends brought him a badly made crucifix, but he begged them to take the ugly thing away and instead bring him one made by Donatello, insisting that if they didn't, he'd die in despair.

5: His students included Perugino and Leonardo.

answer: Andrea del Verrochio

B. 10: When the Pope's courtier asked for a sample of his work, he took a sheet of paper and a brush dipped in red and drew a perfect circle with the flick of his wrist. The pope, hearing this tale, commissioned him.

5: He painted frescoes of St. Francis at Assisi and at the Arena Chapel in Padua.

answer: Giotto di Bondone

C. 10: When a bishop presented him to the pope and made excuses for the artist's lateness, protesting that men such as he were ignorant creatures, the pope whacked the bishop with a mace.

5: His *Libyan Sybil* appears in the logo of the new ACF.

answer: Michelangelo Buonarroti

11. Answer the following concerning cholesterol, for 10 points each

A. Cholesterol is a member of this class of compounds, characterized by 17 carbon atoms arranged in 4 rings and that includes androgen and estrogen.

answer: steroid (do not accept "sterol")

B. Excess cholesterol is a component of this greenish-yellow liquid which is produced in the liver and aids the digestion of fats.

answer: bile or gall

C. Cholesterol is insoluble in blood. Instead, during transport it is bound to either of two members of this class of substances, which are characterized by containing both proteins and fats.

answer: lipoprotein

12. Answer the following questions about Rome's Third Servile or Gladiators' War of 73 B.C. to 71 B.C.

A. For 5 points—who led this revolt?

answer: Spartacus

B. For 10 points—who led the army that defeated Spartacus in 71 B.C.?

answer: Marcus Licinius Crassus

C. For 15 points—give the site of this final battle between Crassus and Spartacus.

answer: Lucania

13. Given the date, place, and method of suicide, identify the literary luminary who took their own life, for 10 points each, or for 5 points each if you need a work.

A. 10: March 28, 1941; Sussex, England; drowning

5: *Mrs. Dalloway*

answer: Virginia Woolf

B. 10: October 4, 1974; Weston, Massachusetts; carbon monoxide poisoning

5: *Live or Die*

answer: Anne Sexton

C. 10: May 3, 1991; New York City; suffocation by plastic bag over the head

5: *The Painted Bird*

answer: Jerzy Kosinski

14. Identify the following women in Arthurian legend, for the stated number of points.

A. 5: This wife of the Duke of Tintagel was seduced by Uther Pendragon and bore Arthur.

answer: Igraine

B. 10: Tennyson based "The Lady of Shalott" on Malory's tale of this maiden who dies of unrequited love for Sir Launcelot and floats in a barge to Camelot with a letter in her lifeless hand.

answer: Elaine of Astolat

C. 15: The wife of Sir Gawain, she reconciles her brother Sir Gromer Somer Joure to Arthur and herself transforms from an ugly hag to a beautiful lady.

answer: Dame Ragnelle

15. You may be aware that there was a movie about the Titanic last year. Answer these questions about other movies which feature shipwrecks.

A. 5: In this 1980 film, Brooke Shields and Christopher Atkins are shipwrecked on a tropical island as children.

answer: The Blue Lagoon

B. 5: Gene Hackman and Ernest Borgnine star in this 1972 film about a capsized passenger ship.

answer: The Poseidon Adventure

C. 10: In this 1964 film, Debbie Reynolds plays the title character, a Colorado native who survives the sinking of the *Titanic*.

answer: The Unsinkable Molly Brown

D. 10: Based on a J. M. Barrie play, this 1957 film was a remake of 1934's *We're Not Dressing* and starred Kenneth More as the title character.

answer: The Admirable Crichton (accept Paradise Lagoon)

16. Identify the following marshals of Napoleon killed in 1815, for 10 points each.

A. This brother-in-law of Napoleon was executed in October after a failed attempt to invade Corsica.

answer: Joachim Murat

B. This marshal was the scapegoat for Napoleon's Hundred Days campaign, and was executed by the French government in December.

answer: Michel Ney

C. This marshal had been Napoleons' chief of staff throughout the Emperor's campaigns. He committed suicide by jumping out of a castle on the day a triumphant Napoleon returned to Paris from exile in Elba.

answer: Alexandre Berthier

17. Answer the following questions about F. Scott Fitzgerald's *The Side of Paradise*, for the stated number of points.

A. For 5 points—who is the main character?

answer: Amory Blaine

B. For 5 points—what college did Amory go to?

answer: Princeton

C. For 10 points—name the priest who Amory visits for advice.

answer: Monsignor Darcy

D. For 10 points—name the original title of this book, as Fitzgerald submitted it to Scribner's in 1919. It later became the title of the first part of the book.

answer: The Romantic Egotist

18. I doubt anyone's bothered to memorize the winners of the Copley Medal of the Royal Society. Let's see if you can identify three of them, for the stated number of points.

A. 5: This editor of the *Astrophysical Journal* from 1952 until 1971 was awarded the medal in 1984. A student of Fowler, he studied the structure of white dwarfs while in his twenties.

answer: Subrahmanyan Chandrasekhar (accept Chandra)

B. 10: He is best known for his 35-year collaboration with G.H. Hardy on summability, function theory, and number theory. With Mary Cartwright, he spent 20 years studying the non-linear differential equations that described electric circuits. He won the Copley Medal in 1958.

answer: John E. Littlewood

c. 15: He helped develop the relationship between vector bundles on a space and co-homology theory. With I.M. Singer he proved the index theorem. He was awarded the Copley Medal in 1988.

answer: Michael F. Atiyah

19. For 5 points each: arrange the following states from north to south according to their northernmost points: Maine, Michigan, Minnesota, New Hampshire, Vermont, and Wisconsin.

answer: Minnesota, Michigan, Maine, Wisconsin, New Hampshire, Vermont

20. Identify these massacres from Native American history, for the stated number of points.

1. 5: In December 1890, two hundred Sioux were killed at this South Dakota site after federal intervention to stop the Ghost Dance movement.

answer: Battle of Wounded Knee

2. 10: In this 1864 attack, Colonel John Chivington led troops who massacred more than 100 Cheyenne and Arapaho in southeast Colorado.

answer: Sand Creek massacre

3. 15: In 1782, ninety-six Delaware Indians died at a village south of New Philadelphia, Ohio, in retaliation for frontier raids by other tribes.

answer: Gnadenhutten massacre

21. Identify the authors of the following works which have won the Pulitzer Prize for general nonfiction, for 10 points each.

A. *Rousseau and Revolution*

answer: Will and Ariel Durant

B. *The Good War*

answer: Studs Terkel

C. *A Bright Shining Lie: John Paul Vann and America in Vietnam*

answer: Neil Sheehan

22. Identify the following about the Vietnam War, for 10 points each.

A. Name the French puppet emperor who was forced to abdicate in Hanoi by the Viet Minh in 1945. He later ruled shortly in South Vietnam.

answer: Bao Dai

B. Give the name of the Viet Cong's political organization in South Vietnam.

answer: NLF or National Liberation Front

C. This traditional capital of Vietnam was captured by the Viet Cong in 1968 during the Tet Offensive and was the site of massacres by the Communists.

answer: Hue

23. Identify the romantic symphony by composer and number, for 10 points each.

1. The *New York Post* said that this symphony is characterized by a "profuse lack of ideas." The suggestion was made to strike its final movement, a passacaglia consisting of 30 variations plus coda to be played *allegro energico e passionato*. This advice was wisely ignored.

answer: Johannes Brahms' Symphony No. 4 in E minor, Op. 98

2. The *New York Tribune* wrote that it is "polyphony gone mad." The performance of this work under the baton of Arthur Nikisch at the Leipzig Gewandhaus led to the composer's recognition. The adagio was written in memory of Richard Wagner.

answer: Anton Bruckner's Symphony No. 7 in E major

3. The *New York Sun* opined that "the manner is ponderous, the matter imponderable." The symphony in five movements begins with a haunting trumpet call. The first movement is a funeral march; the last is a rondo finale.

answer: Gustav Mahler's Symphony No. 5 in C-sharp minor

24. Recent years have been a tumultuous time for the governments of India. For 5 points each—name the six prime ministers who have held office in the 1990's.

answer: Vishwanath Pratap Singh, Chandra Shekhar, P. V. Narasimha Rao, Atal Behari Vajpayee, H. D. Gowda, Inder Kumar Gujral

25. Thirteen New Testament books are addressed by the apostle Paul to both individuals and to the community of believers in a specific locale.

A. Name the three individuals to whom Paul addressed epistles, 5 for one, 10 for two, and 20 for all three.

answer: Timothy, Titus, Philemon

B. Paul addressed one epistle to all the churches in a Roman province. For 10 points—name the province, not the book.

answer: Galatia (do not accept "Galatians")

26. Given a work of architecture, name the architect, for 5 points apiece and a 5-point bonus.

A. John Hancock Tower, Boston

answer: I. M. Pei

B. Finlandia Hall

answer: (Hugo) Alvar Henrik Aalto

C. Gateway Arch, St. Louis

answer: Eero Saarin

D. Banqueting House, Whitehall, London

answer: Inigo Jones

E. Carson Pirie Scott Department Store

answer: Louis Sullivan