1 Name these movies about Nam—Vietnam, that is, 10 points each.
[10] Robert De Niro goes from a steel mill to witnessing the horrors of war in this 1978 Best Picture winner. ANSWER: The Deer Hunter
[10] Joker goes from Parris Island, where Private Pyle commits suicide, to a career as a military journalist, to combat experience in Hue City.
ANSWER: Full Metal Jacket
[1o] Philip Glass's music appears in this movie starring Don Cheadle about the Airborne Infantry's attempt to capture the namesake location.
ANSWER: Hamburger Hill
2 Name the composer from works on a $15-5$ basis.
[15] The Rasumovsky [rah-soo-MAHV-skee] string quartets
[5] The Kreutzer and Moonlight sonatas
ANSWER: Ludwig von Beethoven
[15] Kreisleriana [CRY-sleh-ree-AH-nuh]
[5] Symphony No. 3, "Rhenish" [REE-nish]
ANSWER: Robert Schumann
3 The hero of the Earthsea cycle is a young wizard who unleashes a terrible horror into the world. 10 points each.
[10] Name the author of the Earthsea cycle as well as The Left Hand of Darkness and The Dispossessed. ANSWER: Ursula K(roeber) Le Guin [le gwin]
[10] By pronouncing the evil's name, the wizard destroyed it. What was the name? ANSWER: Ged or his own name [accept clear-knowledge equivalents]
[10] Name any one of the novels in the Earthsea cycle other than A Wizard of Earthsea. ANSWER: The Tombs of Atuan or The Farthest Shore or Tehanu or The Other Wind

4 Name these phases in a star's evolution, 10 points each.
[10] In this stage, a swirling cloud of matter collapses in on itself until the pressure and temperature are high enough to allow nuclear reactions to begin.
ANSWER: protostar
[1o] When our Sun is old, the core will collapse, and the increase in temperature will ignite nuclear fusion in the next layer out, expanding the Sun to this type of star.
ANSWER: red giant
[1o] A star too big to end up a dwarf star but too small to become a black hole will usually become one of these stars, with a diameter of about 10 miles.
ANSWER: neutron stars
5 Name these components of the immune system, 10 points each.
[10] In this gland in the chest, lymphoid cells mature and are trained before they are released into the bloodstream.
ANSWER: thymus
[10] The "T" form of these cells mature in the thymus.

## ANSWER: lymphocyte(s)

[10] These large aggregates of lymphoid tissue are found in the small intestine. They facilitate the generation of an immune response, and stimulate B cell precursors and memory cells.
ANSWER: Peyer('s) patches
6 Name these Shakespeare heroines, from a quote for 15 , or the play for 5 .
[15] "For thee, oppressèd king, am I cast down;/Myself could else out-frown false Fortune's frown."
[5] King Lear
ANSWER: Cordelia
[15] "There's nothing ill can dwell in such a temple./If the ill spirit have so fair a house,/Good things will strive to dwell with't."
[5] The Tempest
ANSWER: Miranda
7 Name these roles in Islam, 10 points each.
[10] This leader of congregational prayers is often a religious scholar, but no formal training is required.
ANSWER: imam [ee-MAAM]
[10] Arabic for "sign of God," this time is given to certain Shi'ite scholars of Islamic religious law.
ANSWER: Ayatollah [EYE-yuh-TOE-luh]
[10] This is the term for a man who recites the call to prayer.
ANSWER: $\underline{\text { muezzin }}$ [moo-AH-zeen] or muadhin

8 Henry James called it "a treasure-house of detail." 10 points each.
[10] Name this 86-chapter novel, published in eight installments in 1871 and 1872.
ANSWER: Middlemarch
[1o] Born Mary Ann Evans, this author of Middlemarch was writing book four when book one was published. ANSWER: George Eliot
[1o] This protagonist of Middlemarch marries Mr. Causubon because she feels it is proper. Eventually, she makes a life for herself.
ANSWER: Dorothea or Dorothea Brooke
9 Name these battles of Alexander the Great, 15 points each.
[15] Alexander crossed the Hellespont with 35,000 soldiers in 334 BC , and faced the Persians on the banks of this eponymous river.
ANSWER: Battle of Granicus
[15] Alexander returned to the Persian front in this 331 BC, facing Darius's enormous army, including the heavy cavalry of the Iranian steppes, on this plane east of the Tigris.
ANSWER: Battle of Gaugamela or Arbela
10 Given some languages, name the language family, 10 points each.
[10] English, Frisian
ANSWER: Germanic
[10] Nahuat1 [nah-WAH-til], Southern Paiute [PAY-oot], Comanche, Shoshone
ANSWER: Uto-Aztecan or Aztec-Tanoan
[10] Hungarian, Estonian, Lappish
ANSWER: Finno-Ugric
11 Name these Russian czars, 10 points each.
[10] Elected to serve as czar following the Time of Troubles, this founder of the Romanov dynasty served from 1613.

ANSWER: Michael Romanov or Mikhail Fyodorovich
[10] Czar from 1855 to 1881 , he was assassinated by a member of "The National Will" after abolishing serfdom. ANSWER: Alexander II or Aleksandr Nikolayevich
[10] He ended the Seven Years' War with Prussia, but this incompetent czar was ousted by his wife Catherine in 1762.

ANSWER: Peter III or Pyotr Fyodorovich or Karl Peter Ulrich, Herzog von Holstein-Gottorp

Penn Bowl 11. Boni by Dartmouth and Harvard.
12 Name these American tariffs, 10 points each.
[10] Signed in 1930, this tariff raised rates on industrial and farm products more than Hoover intended, and led to a sharp decrease in foreign trade.
ANSWER: Smoot-Hawley Tariff
[10] John Quincy Adams imposed this tariff on imported manufactured goods, raising the tariff by nearly $50 \%$, and raising the ire of many Southerners.
ANSWER: Tariff of Abominations or Tariff Act of $\underline{1828}$
[10] Henry Clay and John Calhoun cooperated on this tariff, which reduced duties for 10 years after it was implemented; this ended the Nullification crisis.
ANSWER: Tariff of $\underline{1833}$ or Compromise Tariff
13 Name these Beanie babies, 1o points each.
[10] Released in 1997, the proceeds from sales of this purple bear were given to a charity in honor of their namesake.

ANSWER: Princess
[10] The first Beanie frog, his surface is completely green.
ANSWER: Legs
[1o] This Beanie armadillo is all gray, with beady little eyes.
ANSWER: Tank
14 Name these schools, given the school's only current NBA player, 10 points each.
[1o] Wally Szczerbiak [SHER-bee-ak]
ANSWER: Miami University of Ohio [prompt on "Miami"]
[10] Chris Dudley
ANSWER: Yale University
[10] Brian Shaw
ANSWER: UCSB or University of California/Santa Barbara
15 Answer these questions on the Dow Jones Industrial Average, 10 points per part.
[1o] How many stocks are included in the Dow?
ANSWER: 30
[10] In December 2001, which stock in the Dow passed Microsoft as having the largest market capitalization?
ANSWER: GE or General Electric
[10] Five points each-name the two stocks in the Dow with the word "International" in their names.


16 Name these types of tides, 10 points each.
[10] Semi-monthly tides of decreasing range, or tide currents of decreasing speed, caused by the moon being in either the first or last quarter.
ANSWER: neap tides
[1o] This is a harmonic tidal constituent with a speed equal to the sum, or difference, of the speeds of two or more constituent tides.
ANSWER: compound tide
[10] Caused by toxic algae blooms containing the pigment peridinin [peh-rih-DIH-nin], it is most often seen in tidal currents in estuaries.
ANSWER: red or crimson tide

Pencil and paper ready. The New York Yankees have offered several large contracts in recent years. Rank these players by the average annual salary of their current contract, from least to most: Roger Clemens, Jason Giambi, Derek Jeter, Mike Mussina, and Bernie Williams. You will receive 5 points per correct answer, and 30 for all 5, provided all answers given are in the correct order. You may give as few as two answers. You have iо seconds.

ANSWER: Roger Clemens $\square$, Bernie Williams $\square$, Mike Mussina $\square$, Jason Giambi $\square$, Derek Jeter $\square$

18 Name these ballets, 10 points each.
[1o] In this Stravinsky ballet, a noble hunter rescues a Princess from an evil monster.
ANSWER: The Firebird or L'oiseau de feu
[10] A simple peasant girl falls in love with a disguised Duke and dies of a heart attack when she learns his true identity in this Adam ballet.
ANSWER: Giselle [ZHEE-zel]
[10] After his beloved dies, a prince takes an opium-induced trip in this Marius Petipa ballet to a dream world full of ballerinas in white veils.
ANSWER: La Bayadère [bah-yah-DARE]
19 Name these terms related to engraving, 10 points each.
[10] In this type of engraved printing, prints are made with different thicknesses of ink, as the plate has grooves of varying depths.
ANSWER: intaglio [in-TAH-lee-oh] printing
[1o] Unlike engraving, incisions in a plate are made by using acid to carve into the plate after it's covered by a ground.

## ANSWER: etching

[10] In this type of engraving, common in Middle Eastern art, an alloy of silver, copper, lead, and sulfur is poured into an engraved piece and then fried to turn it black.
ANSWER: niello [nee-EH-loh]

Penn Bowl 11. Boni by Dartmouth and Harvard.
20 Name these architects from works, 10 points each.
[10] Tokyo Museum of Modern Art, Villa Savoy, Unité d'Habitation [OO-nee-tay DAH-bee-tah-see-on] in Marseilles

ANSWER: Le Corbusier or Charles-Édouard Jeanneret
[10] Disney Concert Hall in Los Angeles, Guggenheim Museum in Spain
ANSWER: Frank Gehry
[10] Werkbund Estate in Vienna, Schroeder House in Utrecht
ANSWER: Gerrit Reitveld

21 David Hajdu's Positively $4^{\text {th }}$ Street chronicles the lives of five young Bohemians from the 6 os. 10 points each.
[10] This Freewheelin' musician's albums include Highway 6I Revisited, Blonde on Blonde, and Love and Theft. ANSWER: Bob Dylan or Robert Allen Zimmerman
[10] This folksinger, author of Been Down So Long It Looks Like Up to Me was killed in a motorcycle accident just two days after its publication.
ANSWER: Richard Fariña
[10] This postmodern author, and friend of Fariña, is well known for such esoteric novels as $V$.
ANSWER: Thomas Pynchon

22 In December 2001, the World Health Organization confirmed an outbreak of the Ebola virus. 10 points each.
[10] The recent outbreak started in Ekata, a village in the Ogooue Ivindo province of this African nation. ANSWER: Gabon
[10] In the last confirmed outbreak of Ebola, in 2000, 224 people died near Gulu in this country.
ANSWER: Uganda
[10] The Ebola virus is named for a river in this African country, in which the virus was first documented.
ANSWER: Democratic Republic of Congo or DRC [accept Zaire]

23 Its First Volunteer Infantry Regiment was the first to respond to Abraham Lincoln's 1861 call for volunteers. 15 points each.
[15] Name this Midwestern state.
ANSWER: Minnesota
[15] At this battle, the First Minnesota suffered an $82 \%$ casualty rate, causing General Winfield Hancock to remark, "There is no more gallant a deed recorded in history."
ANSWER: Battle of Gettysburg
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Penn Bowl 11. Boni by Dartmouth and Harvard.
24 Name these Linux notables, 10 points each.
[10] This Finnish creator of Linux now works for Transmeta.
ANSWER: Linus Torvalds
[10] Cartoon fans-and anyone who's seen Linux publicity—should be familiar with this cute, pudgy penguin mascot.
ANSWER: Tux
[10] This software packaging and installation format and program developed by RedHat is used all over for Linux machines.
ANSWER: $\underline{\text { RedHat }}$ Package $\underline{\text { Manager }}$

25 André Le Breton commissioned a translation of an Ephraim Chambers work in 1745. 10 points per answer.
[10] Name this work, intended to catalog all of man's knowledge.
ANSWER: The Encyclopedia or L'Encyclopédie or Cyclopedia
[20] Name the two co-editors of the Encyclopedia, one a philosopher, the other a mathematician.
ANSWER: Denis Diderot [DEE-duh-roh] and Jean le Rond d'Alembert [DAH-lom-bare]

26 The Limpopo and Zambezi rivers reach the Indian Ocean in the same country. 10 points each.
[10] Name this African nation.
ANSWER: Mozambique
[10] Name the capital of Mozambique.
ANSWER: Maputo
[10] How many countries does Mozambique border?
ANSWER: $\underline{\text { six }}$

27 30-20-10. Name the character from The Simpsons.
[30] He was stage manager for the musical Oh! Streetcar!
[20] He was born a snake handler, and he'll die one.
[10] His forefathers were bartenders to the Czar.
ANSWER: Moe or Moe Szyslak

28 His most recent novel deals with a fictional 2008 Presidential race. 10 points each.
[10] Name this author of Exodus, The Haj, and QB VII [QB seven].
ANSWER: Leon Marcus Uris
[10] Name the 1999 novel, which sees an incumbent computer geek battle a Catholic ex-Marine governor.
ANSWER: A God in Ruins [HN: On Amazon.com, it's rated I.4/5 on 134 reviews]
[10] In this 1976 novel, the conflict in Northern Ireland is seen through the Catholic Larkin family, and Conor Larkin's love of a Protestant girl.
ANSWER: Trinity

