

Duke U. 1992 Wessel Mania BONUSES

1. (30 pts) While there is no excuse for turning the maple leaf upside-down, for some flags it is difficult to tell which end is up. See how you would do with these flags. Given a country and a flag description, tell whether the flag is described correctly or upside-down. 5 pts for each correct

Columbia- a wide yellow stripe on top, narrow blue stripe in the middle, and a narrow red stripe on the bottom ✓ ANS: correct

Gabon- three equal-sized stripes, in the order of green, yellow, and blue from top to bottom ✓ ANS: correct

Germany- three equal-sized stripes, in the order of orange, red and black from top to bottom ✓ ANS: upside-down

Kuwait- a black trapezoid next to the pole, with stripes in the order of green, white and red from top to bottom ✓ ANS: correct

Luxembourg- three equal-sized stripes, in the order of blue, white and red from top to bottom ✓ ANS: upside-down

Poland- two equal-sized stripes, in the order of red and white from top to bottom \ ANS: upside-down

2. (30 pts) Identify this word, 30-20-10

>1. It is used to describe a dissociative disorder in which a patient "flees" from his/her old personality, often running away and assuming a new identity.

>2. In music, it is a contrapuntal composition in which a theme is introduced by one part, repeated by other parts, and subjected to complex development.

>3. Bach is noted for this type of composition, especially his "Art of the ____"

ANS: fugue

3. (30 pts) Identify this important pieces of American Legislation for 10 pts each.

>1. Potential violation of this Act has halted implementation of a new health care plan in Oregon. ANS: Americans With Disabilities Act

>2. The federal efforts to curb monopolies began with this 1890 Act.

ANS: Sherman Antitrust Act

>3. This 1941 Act provided \$7 billion in military credits for Britain.

ANS: Lend-Lease Act

4. (30 pts) Identify this British linguist, physician and physicist, 30-20-10

>1. Along with French Egyptologist Jean François Champollion, he was largely responsible for the deciphering of the inscription on the Rosetta Stone.

>2. He suggested that the eye responds to mixtures of three primary colors, but he is better remembered for the modulus of elasticity named after him.

>3. His most significant achievement was the double-slit experiment with a playing card, which resurrected the wave theory of light.

ANS: Thomas Young

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5. (30 pts) Your standard Nobel Prize for literature question, with a choice. Name these three men based on a work for 10 pts each, or make use of the time spent memorizing these folks by the year they won for 5 pts each. Decide your route for all three now.

Work	ANS	Year
>1. <u>Travels With Charley</u>	John <u>Steinbeck</u>	1962
>2. <u>Mosquitoes</u>	William <u>Faulkner</u>	1949
>3. <u>And Quiet Flows the Don</u>	Mikhail <u>Sholokhov</u>	1965

6. (25 pts) This contralto was born in Philadelphia and educated at the Chicago College of Music as well as in Europe. Her reputation was established by a 1933 concert tour of Europe, after which she toured the US extensively and sang with many leading symphony orchestras. However, the DAR refused to let her sing in Constitution Hall, against the protests of Eleanor Roosevelt. Her concert was moved to the Lincoln Memorial. In 1955, she became the first black singer to appear with the Metropolitan Opera. Name this great American singer for 25 pts.

ANS: Marian Anderson

7. (30 pts) Name these terms relating to physical geography from descriptions, 10 pts each.

>1. This is the region in the earth's upper atmosphere which is characterized by the presence of large numbers of free electrons. ANS: ionosphere

>2. Earth materials such as sands, silts, and clays that have been deposited by running water. ANS. alluvium, or alluvial

>3. A type of landscape or terrain which is primarily composed of carbonate rock and is distinguished by sinkholes, caverns, and dry valleys. ANS: karst

8. (25 pts) Only five US Presidents were never elected to the office, if you count the JQ Adams and RB Hayes "victories" as true elections. Name those lucky guys for 5 pts each, and a five point bonus for naming them all in order from earliest to most recent, but be careful--naming someone not on the list stops you.

ANS (in order): John Tyler, Millard Fillmore, Andrew Johnson, Chester Arthur, Gerald Ford

9. (30 pts) DNA quiz time. Answer these questions about your genetic blueprint.

>1. For 5 points, what kind of chemical bonding keeps the DNA double-stranded?

ANS: H-bonds or hydrogen bonds

>2. For 5 points total, list all four of the standard DNA bases.

ANS: adenine, cytosine, guanine, thymine

>3. In case you missed them, those bases are adenine, cytosine, guanine, thymine. For ten points, which bases pair via two hydrogen bonds? ANS: adenine & thymine

>3. For 10 points, which bases are purines? ANS: adenine & guanine

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10. (30 pts) Name the playwrights from their works, 10 pts on the first set or 5 pts if you need the second set. You may guess after each set.

>1(a). Emperor and Galilean; The Pillars of Society

(b). The Master Builder; Hedda Gabler

ANS: Henrik Ibsen

>2(a). The Wood Demon; Ivanov

(b). The Seagull; Three Sisters; The Cherry Orchard

ANS: Anton Chekhov

>3(a). The Private Lives of the Master Race; The Life of Galileo

(b). Mother Courage; The Threepenny Opera

ANS: Bertolt Brecht

11. (25 pts) Since 1958, only six cities have had the joy of celebrating because of their National League team winning the World Series. Name these cities, 10 pts for 3 and 5 pts for each additional -- BUT a miss stops you,

ANS: Los Angeles (1959,63,65,81,88), Pittsburgh (1960,71,79), St. Louis (1964,67,82), New York (1969,86), Cincinnati (1975,76,90), Philadelphia (1980)

12. (30 pts) In honor of the recent Star Trek con in Raleigh, here are some questions about the castmembers of The Next Generation.

>1. After over 70 years in a transporter, Scottie returned to save the Enterprise. 5 pts, who plays Montgomery Scott? ANS: James Doohan.

>2. 5 pts each for naming the actors who portray the following personnel: Lt. Cmdr. Geordi LaForge? ANS: Levar Burton. Captain Jean-Luc Picard? ANS: Patrick Stewart. Commander Will Riker? ANS: Jonathan Frakes

>3. Another link to the past is the computer voice, supplied by the actress who sometime appears as the mother of Counselor Troi. Name this actress, for 10 pts.

ANS: Majel Barrett

>Q. If you didn't get all thirty points, you have a shot at redemption. You can try to name the actor who plays Q for 30 pts, but if you try and miss you will lose all points from this bonus. ANS: John deLancie

13. (25 pts) This Irish-born British statesman entered Parliament in 1765, where he advocated more just policies toward the American colonies opposing the Stamp Act and argued for conciliation in 1775. A champion of the English tenets of tradition and constitutionalism as opposed to mere democracy, he is best known for his 1790 work Reflections on the Revolution in France. For 25 pts, name him.

ANS: Edmund Burke

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14. (30 pts) Identify these thermodynamic cycles, 10 pts each.

>1. This idealized cycle is the model for gasoline engines; it consists of an intake stroke, an adiabatic compression stroke, sparked combustion, an adiabatic power stroke, and an exhaust stroke. ANS: Otto cycle

>2. Ignition is spontaneous in this cycle, due to fuel injection coupled with high temperature developed during an adiabatic compression. Vehicles using an engine based on this cycle run more efficiently than standard gasoline engines due to a higher compression ratio. ANS: Diesel cycle

>3. This cycle gives the theoretical maximum efficiency for an engine operating between two temperatures, involving an isothermal expansion, an adiabatic expansion, an isothermal compression, and an adiabatic compression. ANS: Carnot cycle

15. (30 pts) Rank the seven continents based on their highest point. Count the Caucasus as part of Europe. Give the rank from highest to lowest. 10 pts for three correct, then 5 more for each additional one correct.

- /1. Asia (29,000+ ft, Everest) >2. South America (22,800+ ft, Aconcagua)
/3. North America (20,300+ ft, McKinley) /4. Africa (19,300+ ft, Kilimanjaro)
/5. Europe (18,500+ ft, El' brus) / 6. Antarctica (16,800+ ft, Vinson Massif)
/7. Australia (7,300+ ft, Kosciusko)

16. (30 pts) Identify this author from works or clues, 30-20-10

>1. The Happy Valley, The Eye of the Storm

>2. The Tree of Man, Voss

>3. This Australian author won the 1973 Nobel Prize in Literature.

ANS: Patrick White

17. (30-20-10) Identify this Roman Emperor, 30-20-10

>1. Grandnephew of Tiberius, he had his cousin Tiberius Gemellus murdered.

>2. Youngest son of the General Germanicus Caesar, historians believe he went insane, and eventually his guard assassinated him in 41 AD.

>3. His Latin nickname was earned early in life from the military shoes he wore.

ANS: Caligula or Gaius Caesar

18. (30 pts) Identify these books of the Bible from quotations, 10 pts each.

>1. Of making many books there is no end, and much study wearies the body.

ANS: Ecclesiastes

>2. Jesus wept. ANS: John

>3. Neither do men pour new wine into old wineskins. ANS: Matthew

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19. (30 pts) Name these authors from works, 15 on the first clue, 10 on the second, 5 if you need all three; you can guess after each clue.

>1. First author, first clue: A Bridge for Passing, The Rainbow

-second clue: Voices in the House, Pavilion of Women

-third clue: The Good Earth ANS: Pearl Buck

>2. Second author, first clue: Dance the Eagle to Sleep

-second clue: Woman on the Edge of Time, Vida

-third clue: Gone to Soldiers ANS: Marge Piercy

20. (25 pts) Identify this phenomena, 25-15

>1. Caused by irregularities of the edge of the disk of the moon, it was first described by an English astronomer in the 19th century.

>2. Occurring during a total eclipse of the sun, just before and just after the moon completely covers the sun, it results in the visible crescent of the sun being broken into a belt of bright points, like a string of beads.

ANS: Baily's Beads

21. (30 pts) The first 20 NCAA Division I Championships in lacrosse (1972-1991) were spread out among only six schools. For 5 pts each, name these schools.

ANS: Virginia (1972), Maryland (1973,75), Johns Hopkins (1974,78-80,84-85,87), Cornell (1976-77), North Carolina (1981-82,86,91), Syracuse (1983,1988-90)

22. (25 pts) Identify these comic terms, 10 pts each, 5 pt bonus for both.

>1. This form of Italian comedy originated in the Middle Ages and involved traveling professional actors who improvised action and dialogue around outline plots with stock characters.

ANS: Commedia Dell'arte

>2. This term derives from a split piece of wood used by Harlequins in Commedia Dell'arte pantomimes, and is used to describe the genre of the Keystone Kops and Laurel and Hardy, among countless others.

ANS: slapstick

23. (30 pts) Australia has two territories, the Capital Territory of Canberra and the Northern Territory. For five points each, name the six provinces of Australia.

ANS: Queensland, New South Wales, Victoria, Tasmania, Western Australia, South Australia

24. (25 pts) Identify these things associated with Mercury, 10 pts each, 5 pt bonus for both.

>1. His staff, which is presently used as a symbol of the medical profession.

ANS: Caduceus

>2. His winged sandals. ANS: Talaria