Greenfield Tournament Bonus Round 6

1. Identify the author, 25-10:
1) Her early works include Scenes from Clerical Life. She wrote Daniel Deronda and The Mill on the Floss.
2) Born Mary Ann Evans, she also wrote Middlemarch and SIlas Marner.
    Answer: George Eliot

2. (25 points) 25-10 Identify this cabinet office.
1. It was created in 1965 and Robert C. Weaver, the first black cabinet member, was appointed its first Secretary in 1966.
2. It is currently headed by Jack Kemp.
    Answer: Dept. of Housing and Urban Development or HUD

3. (30 points) For 15 points each, identify the following concepts in physics.
1. It is the principle, named for a 17th century Dutch physicist that states that each point on a wave front may be regarded as a source of a new disturbance in the transmitting medium.
    Answer: Huygen's principle
2. It is for his work on this phenomenon that Einstein was awarded the 1921 Nobel prize in physics. It is the name given to the emission of electrons by a substance when it is illuminated by electromagnetic radiation.
    Answer: photoelectric effect

4. (30 points) Identify the following 20th century southern writers from titles for 10 points each.
1. Losing Battles and The Optimist's Daughter
    Answer: Eudora Welty
2. The Last Gentleman and The Moviegoer
    Answer: Walker Percy
3. Wise Blod and A Good Man is Hard to Find
    Answer: Flannery O'Conner

5. 1) For fifteen points, all or nothing, tell whether the following function has a minimum value or a maximum value, and give this extremum value: f(x) = 3x^2 - 12x + 1
    Answer: Minimum value of -11
2) Now, for the same number of points, do the same for this function: g(x) = -4x^2 - 24x
    Answer: Maximum value of 36

6. (25 points) 10 points for one, 25 points for both. This pair of French artists lived and worked around the turn of the 19th century. One was a painter of mythological subjects and historical pieces dealing with the French Revolution and reign of Napoleon. The other was his pupil, who won the Prix de Rome for the ambassadors of Agamemnon.
First, who is the teacher, the painter of such works as "The Oath of the Horatii" and "The Death of Marat"?
    Answer: Jacques Louis David
Now, who is David's most famous pupil?
    Answer: Jean Ingres

7. (30 points) For 5 points apiece and with no particular order required, name the 6 countries in Africa with the largest land area.
    Answer: Sudan, Algeria, Zaire, Libya, Chad, Niger

8. (30 points) November is election month so you should expect a lot of questions about the recent or upcoming elections. Here's one.
The Louisiana governor's race has attracted quite a bit of attention because of the Republican candidate's history of being in the NAZI party and the KKK. For 10 points, identify this notorious candidate who has recently made a run-off election.
    Answer: David Duke
Now for 20 points, identify David Duke's lesser known opponent, a former governor who has spent time in prison.
    Answer: Edwin Edwards

9. (30 points) The world of International organizations is full of acronyms. For 10 points each, for what do each of the following international acronyms stand?
1. EFTA   Answer: European Free Trade Association
2. ASEAN   Answer: Association of Southeast Asian Nations
3. OAS   Answer: Organization of American States

10. (30 points) 25-15-5 Identify this historical personage.
1. Of his works on moral philosophy "The Theory of Moral Sentiments" is the best known
2. His most famous work, published in 1776, introduced the concept of the "invisible hand" and explained the principle of the division of labor.
3. He is the author of "An Inquiry into the Nature and Causes of the Wealth of Nations"
   Answer: Adam Smith

11. (30 points) The American detective Allan Pinkerton is perhaps the most famous detective in American history. However, at times he and his agency acted as little more than hired thugs for businesses involved in labor disputes. For 15 points, answer these questions about disputes in which Pinkerton was involved.
1. In the 1870's, Pinkerton agents help break up what radical organization of Pennsylvania coal miners?
   Answer: Molly McGuires
2. In 1892, Pinkerton agents were hired by the Carnegie steel company to investigate the organizers of a strike against one of that company's plants in Pennsylvania. For 15 points, identify this strike that shares its name with the city in which the plant was located.
   Answer: Homestead Strike

12. Give the poets who penned the following works for ten points each:
1) The Charge of the Light Brigade
   Answer: Alfred Lord Tennyson
2) Don Juan
   Answer: George Gordon, Lord Byron
3) To the Virgins, to Make Much of Time
   Answer: Robert Herrick

13. (25 points) This symphonic poem was first performed in 1896 and based on a literary text by Nietzsche. It has become famous today as the theme music for the film "2001: A Space Odyssey". For 15 points, identify this work.
   Answer: Thus Spake Zarathustra or Also Sprach Zarathustra
For an additional 10 points, identify the German composer of "Also Sprach Zarathustra".
   Answer: Richard Strauss

14. (30 points) Six American states have land borders with exactly two other states, no more and no less. For 5 points each, name them.
   Answer: Washington, Florida, South Carolina, Delaware, New Jersey, Rhode Island

15. (30 points) For 10 points each, identify these famous Native Americans.
1. He developed a written form of the Cherokee language.
   Answer: Sequoya (accept George Guess)
2. He led the Shawnee tribe to defeat at Tippecanoe.
   Answer: Tecumseh
3. He was chief of the Wampanoag tribe and negotiated peace with the Pilgrims in 1621.
   Answer: Massasoit

16. (25 points) For 5 points each, identify the following chemical elements from a description of their locations on the periodic table.
It is located directly beneath lithium
   Answer: sodium
2. It is located to the right of manganese
   Answer: iron
3. It is located right of uranium
   Answer: neptunium
4. It is located above Xenon
   Answer: krypton
5. It is located to the right of Yttrium
   Answer: zirconium

17. For ten points each, identify the following anesthetics:
1) One of the first anesthetics used in modern times, it is today today rarely used except in tropical countries because it has a narrow safety margin and is highly toxic in excess. Its chemical formula is $CHCl_3$.
    Answer: Chloroform, or trichloromethane
2) First used as an anesthetic by William Morton in 1846, it is also used as an industrial solvent. Its chemical formula is $(C_2H_5)_2O$.
    Answer: Ether, or Diethyl ether
3) Originally used as an animal anesthetic, it was found to act as a hallucinogen in humans and is contraband today.
    Answer: Phencyclidene, or PCP

18. "Entreat me not to leave thee, or to return from following after thee; whither thou goest, I will go; and where thou lodgest, I will lodge; thy people shall be my people, and thy God my God." These are perhaps kinder words than many women have for their mothers-in- law. Nevertheless, they were spoken by a biblical Moabite woman to the mother of her recently deceased husband. First, for fifteen points, identify the Moabite woman, the titular heroine of a book of the Old Testament.
    Answer: Ruth
For an additional fifteen points, name her mother-in-law, whom she followed to Bethlehem.
    Answer: Naomi

19. (30 points) Place the following Russian czars in the correct chronological order of their reigns, for 5 points each. Nicholas I, Peter I (the Great points), Boris Godunov, Ivan IV (the Terrible points), Catherine II (the Great points), Alexander I.
    Answer: Ivan IV, Boris Godunov, Peter I, Catherine II, Alexander I, Nicholas I

20. (30 points) For 10 points each, identify these famous Norwegians.
1. The author of Hedda Gabler, The Wild Duck, and A Doll's House.
    Answer: Henrik Ibsen
2. The painter of Death in the Room, Ashes, and The Scream.
    Answer: Edvard Munch
3. The composer of The Peer Gynt Suite.
    Answer: Edvard Grieg