

## Wahoo War of the Minds 1997

### Round One

1. They include Chinese ideograms, long tirades against usury, and one of the author's most famous lyrics, the section of the eighty-first which begins "What thou lovest well remains." First published in 1919 in *Quia Pauper Amavi*, 117 of them appeared over the next 50 years, in such volumes as *The Fifth Decad*, *Thrones*, and *Section: Rock-Drill*. FTP, identify this landmark of contemporary poetry, the masterpiece of Ezra Pound.

Answer: The Cantos

2. Although he directed the Berlin Observatory for 40 years, developed a star atlas, and named the planet Uranus, his fame is based on another man's discovery. In 1772, it was pointed out that the numbers 0, 3, 6, 12, 24, 48, and 96, when added to 4 and divided by 10, give, in astronomical units, the radii of planetary orbits. FTP, identify this German astronomer, whose law contributed to the discovery of the asteroid belt, Uranus, and Neptune, even though it was actually discovered by Titius.

Answer: Johann Bode

3. She saved her life by blaming everything on her secretary, Longinus, who was beheaded. The wife of a Bedouin whom Gallienus made governor of the East in 264, she conquered Egypt after his murder, but was defeated and imprisoned by Aurelian. FTP, identify this wife of Odenathus, who lost power after the siege in 272 of her city, Palmyra.

Answer: Zenobia

4. He joined the Arte della Seta in 1398 before working in Pistoia, and was admitted as a master to the Goldsmith's Guild in 1404, the year he helped design the buttress for the Florence Cathedral. At San Lorenzo, he created a revolutionary cubic sacristy, and he designed the first centrally planned church of the Renaissance at Santa Maria degli Angeli. FTP, identify this architect, who lost the commission for the second bronze door at the Florence Baptistery to Ghiberti.

Answer: Filippo Brunelleschi

5. The son of Ros McManus, a big band singer, he started out with the band Flip City before being signed to Stiff Records in 1977. For his second album, he was joined by Steve Nieve, Pete Thomas and Bruce Thomas, who worked with him on such records as *Get Happy*, *Almost Blue*, and *Imperial Bedroom*. FTP, name this British singer, best known for *Brutal Youth*, *This Year's Model*, and *My Aim is True*.

Answer: Elvis Costello

6. At a convention in Jonesboro on August 23, 1784, it was established under the leadership of John Sevier. Despite repeated attempts by North Carolina to assert control, it signed the Treaty of Dumpling Creek with the Cherokee in 1785, extending its borders south and west to the Little River. FTP, identify this short lived independent state, which tried to be admitted to the Union until 1787, and which was named for a leading Revolutionary figure.

Answer: Franklin

7. In a series of lectures delivered in 1912 at Columbia, he argued that humans should be studied in the same objective way that we study animals. After being forced out of Johns Hopkins in 1920 after a scandal that resulted in his marriage to a student, he went to work for an advertising agency. FTP, name this American psychologist, who argued that humans can be conditioned and who is regarded as the founder of behaviorism.

Answer: John Watson

8. After achieving success with *Aladdin's Lamp*, he gained notoriety when Jacques Maritain converted him to Roman Catholicism. Elected to the French Academy in 1955, his novels include *Thomas the Impostor* and *Les Enfants Terribles*, though he is better known for plays. FTP, name this author of *The Eagle with Two Heads*, whose surrealist films include *The Blood of the Poet*, *Orpheus*, and *Beauty and the Beast*.

Answer: Jean Cocteau

9. This nation's highest peak is Mount Shimbiris. Though it contains many seasonal rivers, particularly in the north, its largest rivers are the Webi Shabeelle and Webi Jubba in the south. FTP, name this east African nation, bordered to the north by the Gulf of Aden, whose cities include Kismaayo, Berbera, and Mogadishu.

Answer: Somalia

10. Discovered by Woolaston in 1803, it is able to occlude over 900 times its volume of hydrogen. Forming few simple salts, it occurs in nickel and copper ore, and can be used as a catalyst for hydrogenation reactions. FTP, identify this element, a ductile transition metal whose atomic number is 46 and whose symbol is Pd.

Answer: palladium

11. After he entered the Roman Catholic church, his father sent him to Switzerland to be tutored by a Calvinist; while there, he fell in love with the future wife of Jacques Necker, but his father's disapproval prevented their marriage. A colonel in the Hampshire militia, he entered parliament in 1774, becoming Lord North's commissioner of trade five years later. FTP, identify this British author, whose masterpiece, covering 13 centuries from the Antonines to the taking of Constantinople in 1413, is the *History of the Decline and Fall of the Roman Empire*.

Answer: Edward Gibbon

12. To test scholars, the emperor Tiberius would ask them who the parents of this woman were. While going to Greece as a slave of Odysseus, the body of her son Polydorus washed ashore; seeing this, she went insane, blinded Polymnestor, and was changed into a dog. FTP, identify this Trojan woman, the mother of 19 of the 100 children of Priam.

Answer: Hecuba

13. He resigned from the army in 1855 to become a banker in San Francisco. When his bank failed, he moved to Leavenworth to practice law, and was superintendent of the military academy in Alexandria, Louisiana when the Civil War broke out. FTP, identify this general, who became a major general after Shiloh and who, as commander of the Army of the Tennessee, left Chattanooga in May 1864 and marched through Georgia.

Answer: William Tecumseh Sherman

14. Upon arrival, she refers to her youth at the estate of Belle Reve, and turns to her brother-in-law's friend Mitch to console her. Her brother-in-law soon discovers that she is not a Southern belle at all, but a bankrupt alcoholic who lost her job for having an affair with a young boy. FTP, name this character, who is taken into psychiatric care when her sister does not believe that she was raped by Stanley Kowalski, and who arrives in New Orleans near the stop of a streetcar named Desire.

Answer: Blanche Du Bois

15. The son of a sail maker, he studied mathematics at Lyon before moving to chemistry. During World War I, he was assigned to guard a railroad bridge, but was transferred to chemical warfare, and worked on the manufacture of phosgene and the detection of mustard gas. FTP, identify this French scientist, who discovered that reactive organic halogen in a diethyl ether solution would combine with magnesium to produce an organomagnesium compound, a reaction for which he was awarded the Nobel Prize in 1912.

Answer: Victor Grignard

16. He composed an opera, *Alfonso and Estrella*, and an oratorio, *Lazarus*, though he is better known for shorter vocal works. A great admirer of Beethoven, he would visit the composer's favorite coffee house, but was too afraid to speak to him; eventually he would be buried as close as possible to Beethoven's grave. FTP, identify this composer of *Rosamunde*, the "Wanderer" fantasia, and the "Winterreise" song cycle, best known for the Trout quintet and an unfinished symphony.

Answer: Franz Schubert

17. He was probably killed by a knight named Walter Tirel, although this was never proven. After Malcolm III invaded Northumberland, he defeated him at Alnwick, and conquered Maine after gaining Normandy by mortgage. FTP, name this British king, who appointed Anselm as Archbishop of Canterbury, was nicknamed "Rufus" and who ruled from 1087 to 1100 as the successor of William the Conqueror.

Answer: William II

18. It prevents unsaturated fatty acids from oxidizing in cell membranes. A fat-soluble combination of several related compounds, a deficiency of it can lead to liver damage, infertility, and muscular dystrophy. FTP, identify this vitamin, found in cereals and green vegetables, whose chemical name is tocopherol.

Answer: vitamin E

19. His first work was in mathematics, and his *The Analyst* suggested that mathematical assumptions were more incomprehensible than Christian dogma. The first part of his *Treatise Concerning the Principles of Human Knowledge* was published in 1710, but the second part was lost while he was traveling in Italy, and he refused to rewrite it. FTP, identify this philosopher, whose "esse est percipi" doctrine held that there is no external reality, an Irish bishop best known for the *Dialogues Between Hylas and Philonous*.

Answer: George Berkeley

20. After graduating from Wisconsin University, he worked as an inventor until an industrial accident cost him an eye in 1867. In 1880, he married Louie Strentzel, the daughter of a California wine magnate, and became a farmer. FTP, name this author of *The Mountains of California* and *My First Summer in the Sierra*, a Scottish born naturalist whose writings on behalf of wildlife preservation helped create Yosemite Park.

Answer: John Muir

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Boni:

1. Identify the following concerning Jacob FTP each.

1. Jacob served this man for fourteen years in order to marry his daughters Leah and Rachel.

Answer: Laban

2. Both Leah and Rachel gave Jacob a handmaiden to sleep with, and he had two sons with each of the women. Name either of those handmaidens for ten points.

Answer: Zilpah or Bilhah

3. Jacob founded this city, whose name literally means "the house of God," by building a pillar there after dreaming of angels.

Answer: Bethel

2. Identify the novels by Henry James from characters, on a 10-5 basis.

1. 10 points: Caspar Goodwood and Lord Warburton

5 points: Isabel Archer

Answer: The Portrait of a Lady

2. 10 points: Maria Gostrey and Waymarsh

5 points: Lambert Strether

Answer: The Ambassadors

3. 10 points: Claire de Cintré and Valentin de Bellegarde

5 points: Christopher Newman

Answer: The American

3. Answer the following questions concerning a Russian opera for the stated number of points.

1. 10 points: This opera, which premiered in 1874, was based on Karamzin's *History of the Russian Empire* and on a poetic drama entitled *The Comedy of the Distress of the Muscovite State*.

Answer: Boris Godunov

2. 5 points each: Name the composer of *Boris Godunov*, and the author of the 1826 poem on which it was principally based.

Answer: Modest Mussorgsky and Aleksandr Pushkin

3. 10 points: Name the composer who re-orchestrated and revised *Boris Godunov* after Mussorgsky's death.

Answer: Nikolai Rimsky-Korsakov

4. Identify the following Supreme Court cases of the first half of the twentieth century from descriptions for the stated number of points.

1. 5 points: The court upheld the Espionage Act in this 1919 case that used the "clear and present danger" test.

Answer: Schenck v. United States

2. 10 points: The court ruled that the National Industrial Recovery Act was unconstitutional in this 1935 case with a comical nickname.

Answer: Schechter Poultry v. United States or the Sick Chicken Case

3. 15 points: The court ruled that secondary boycotts would be illegal violations of trade under the Sherman Act in this 1908 case.

Answer: Danbury Hatters Case or Loewe v. Lawler

5. Identify the following chromatographic techniques FTP each.

1. A sample undergoes electrophoresis on SDS-polyacrylmide gel to separate proteins in this immunoassay, which then uses autoradiography to detect a target protein labeled with a radioactive antibody.

Answer: Western blotting or protein blotting

2. It is used to identify fragments of DNA by putting them through an agarose gel, and then denaturing them to form single strand fragments.

Answer: Southern blotting

3. It is similar to Southern blotting, but is used to detect RNA fragments.

Answer: Northern blotting

6. Identify the poets from collections for 10 points each; you'll receive five points if you need the title of a poem.

1. 10 points: *Bells and Pomegranates* and *Men and Women*

5 points: "My Last Duchess"

Answer: Robert Browning

2. 10 points: *Mountain Interval* and *In The Clearing*

5 points: "Mending Wall"

Answer: Robert Frost

3. 10 points: *The Strayed Reveler* and *Empedocles on Etna*

5 points: "Dover Beach"

Answer: Matthew Arnold

7. Name each of these college basketball team's home courts for five points each.

1. Michigan

Answer: Crisler Arena

2. UCLA

Answer: Pauley Pavilion

3. Duke

Answer: Cameron Indoor Stadium

4. Kansas

Answer: Allen Field House

5. For a final ten points, which is the only one of those four arenas to hold under 10,000 fans?

Answer: Cameron Indoor Stadium

8. Answer the following questions on Constantin Brancusi FTP each.

1. Brancusi said, "No other trees can grow in the shadow of an oak" when in 1906 he declined this man's offer to take him on as an assistant.

Answer: Auguste Rodin

2. Because of its resemblance to a phallus, this work was denounced as indecent and, in 1920, removed from the Salon des Independants by the Paris police.

Answer: Princess X

3. Brancusi sued the U. S. customs office and won in 1928 because customs in 1926 had taxed this work as raw metal, rather than duty-free sculpture.

Answer: Bird in Space

9. FTP each, identify these electromagnetic effects.

1. A transverse electric field arising in a current-carrying solid material when it is placed in a magnetic field perpendicular to the current.

Answer: Hall effect

2. Predicted by the BCS theory of superconductivity before it was observed, this is the flow of electric current between two pieces of superconducting material separated by a thin layer of insulating material.

Answer: Josephson effect



3. The expulsion of magnetic field lines from a substance undergoing a transition to a superconducting phase.

Answer: Meissner effect

10. Identify the following South American revolutionaries, none of whom is Simon Bolivar, FTP each.

1. He won the 1817 Battle of Chacabuco and the 1818 Battle of Maypu against Spain, proclaimed Chile's independence in 1818, and served as its first President until 1823, when he was deposed because of his sponsorship of unpopular reforms.

Answer: Bernardo O'Higgins

2. He aided O'Higgins in his victories before himself organizing an expedition against Spanish Peru; by 1821, he declared the independence of Peru, then deferred leadership of the independence movement to Bolivar.

Answer: Jose de San Martin

3. He was Bolivar's chief lieutenant and victor at the Battles of Ayacucho and Pichincha, which liberated Quito from Spanish rule. In 1830, he was assassinated while returning from the Congress of New Granada, of which he'd been President and which had aimed at preserving the unity of Greater Colombia.

Answer: Antonio Jose de Sucre

11. Identify the following characters from Dante's *Purgatorio*, FTP each.

1. The first figure Dante and Virgil meet at the base of the mountain of Purgatory is this Roman statesman, who committed suicide at Utica.

Answer: Cato the Younger

2. On their ascent of the mountain, they are overtaken by this Latin poet, the author of the *Thebaid*, who has just gained admittance to Paradise.

Answer: Statius

3. After Virgil leaves Dante at the entrance to the Earthly Paradise, this woman takes him to Beatrice.

Answer: Matilda

12. Name these island groups FTP each.

1. The people of this chain are believed to be descended from Japanese and Southeast Asians who migrated there in prehistoric times. Its largest member is Okinawa, and since 1972 the chain as a whole has constituted Okinawa Prefecture.

Answer: Ryukyu islands or Nansei or Ryukyu-shoto or Nansei-shoto islands

2. Stretching from the Alaska peninsula to Attu island, this chain includes the Fox and Commander Islands, the Islands of the Four Mountains, and Andreanof and Rat islands. It separates the Bering Sea from the main portion of the Pacific Ocean.

Answer: Aleutian islands

3. Separated from the crescent-shaped Outer section by the North Minch and Little Minch, the Inner section of this group includes Coll, Muck, Mull, Tiree, and Skye islands.

Answer: the Hebrides

13. Identify the economist, 30-20-10.

1. His *The Optimum Quantity of Money* includes his famous essay on the "methodology of positive economics," which argues that an economic theory should only be judged on its ability to predict facts.

2. His 1957 work *A Theory of the Consumption Function* argued that expenditure depends on permanent income.

3. Along with A. J. Schwartz, he wrote the *Monetary History of the United States*, a key work of monetarism.

Answer: Milton Friedman

14. Identify the following works by F. Scott Fitzgerald FTP each.

1. Fitzgerald never finished this novel about a Hollywood producer.

Answer: The Last Tycoon

2. Fitzgerald's second novel, it tells of Anthony Patch, an alcoholic who devotes himself to inheriting his grandfather's money.

Answer: The Beautiful and Damned

3. Nicole Warren falls in love with her psychiatrist in this novel, set just after World War I.

Answer: Tender Is The Night

15. FTP each, identify these female mathematicians.

1. Her Latin discourse in defense of higher education for women was published when she was only nine years old. Appointed honorary lecturer at the University of Bologna by Pope Benedict XIV, her most famous work contains a discussion of the versed sine curve, which became known as her "Witch."

Answer: Maria Agnesi

2. This French mathematician, who lived from 1776 to 1831, contributed to the study of acoustics and elasticity, and developed a limited proof of Fermat's Last Theorem. Gauss so esteemed her that he recommended her for an honorary doctorate from Gottingen, but she died before receiving it.

Answer: Sophie Germain

3. Receiving her Ph.D. from Erlangen in 1907, she went on to become the first female faculty member at Gottingen, and taught at Bryn Mawr after being dismissed by the Nazis. An algebraist, she is most noted for her work on rings.

Answer: Emmy Noether

16. For the stated number of points, identify the following regarding post-Congress of Vienna European conservatism.

1. 5 points: This man, Austrian foreign minister from 1809 to 1848, is considered the architect of the system.

Answer: Klemens von Metternich

2. 10 points: In 1819, Metternich convened a Congress in this city. Its "Decrees" authorized suppression of liberal agitation within the German confederation by means of press censorship, supervision of universities, and establishment of a committee investigating revolutionary conspiracies.

Answer: Carlsbad

3. 15 points: The Carlsbad Decrees were prompted by the murder by a liberal student of this conservative German writer.

Answer: August von Kotzebue

17. Identify the following figures from Babylonian mythology FTP each.

1. The heavens and earth were formed from the body of this dragon goddess, the child of Enlil.

Answer: Tiamat

2. This hero destroyed Tiamat by sending a wind into her mouth when she opened it to swallow him.

Answer: Marduk

3. He was the second husband of Tiamat. Marduk created man out of his blood before returning to his temple.

Answer: Kingu

18. Answer the following questions about McCarthyism FTP each.

1. This House committee investigated possible Communist subversion.

Answer: House Un-American Activities Committee

2. This chief counsel for Joseph McCarthy later died of AIDS.

Answer: Roy Cohn



3. Responded to a subpoena from HUAC, she refused and wrote, "I cannot and will not cut my conscience to fit this year's fashions."

Answer: Lillian Hellman

19. Identify the following from Shakespeare's *Henry IV* FTP each.

1. The play begins with the uprising led by this man.

Answer: Owen Glendower

2. He leads the army that defeats the invading Scots.

Answer: Henry Percy or Hotspur

3. Hotspur is killed at this 1403 battle.

Answer: the battle of Shrewsbury

20. For five points each, and five more for all correct, identify these useful artificial materials.

1. A nickel-iron alloy whose name reflects the invariability of its dimensions when heated.

Answer: Invar

2. Sometimes referred to by the generic term borosilicate glass, its heat resistance makes it useful in laboratory glassware.

Answer: Pyrex

3. Known as Perspex in Britain, this durable, transparent material is used in aircraft canopies and windshields.

Answer: Lucite or Plexiglas or polymethyl methacrylate

4. This versatile plastic film composed of polyethylene terephthalate is used in magnetic recording.

Answer: Mylar

5. This synthetic resin, whose name is abbreviated PVC, is used in piping and raincoats.

Answer: polyvinyl chloride