

Wahoo War of the Minds 1997

Round Fourteen

1. In 1843, she published *Summer on the Lakes*, based on her experiences in Chicago. The literary critic for the New York Tribune, she met Marquis Angelo Ossoli while serving as a newspaper correspondent in Italy; they married, but died in 1850 when the ship they were coming to America in wrecked off New York. FTP, name this author of *Woman in the Nineteenth Century*, the inspiration for the characters of Elsie Venner and of Zenobia in *The Blithedale Romance*, a transcendentalist and editor of *The Dial*.

Answer: Margaret Fuller

2. He was a noted botanist and philosopher, arguing in *Holism and Evolution* that wholeness was a fundamental force in the universe. After serving in the Imperial war cabinet during World War I, he went on to hold the position of prime minister twice, from 1939 to 1948 and from 1919 to 1924. FTP, name this politician, who was a guerrilla commander during the Boer War and went on to become a leader of South Africa.

Answer: Jan Christiaan Smuts

3. Komarno, Novi Sad, Giurgiu, Constanta, Linz, Ulm, and Regensburg are all cities along this river, which has its source in Wurttemberg before reaching the Black Sea at Constanta. FTP, name this river which also flows through Belgrade, Bratislava, Budapest, and Vienna, and which was featured in a work by Johann Strauss that called it blue.

Answer: Danube

4. In its linear form, the random variables are treated perfectly symmetrically, with the object being to model the relationship. In this way, one variable can be set equal to a constant plus beta times the other variable plus an error term, measuring the strength of any linear association between the variables. FTP, name this statistical tool, which can also mean "going back."

Answer: regression

5. The eleventh child of a poor aristocratic family, he served in the Seven Years War but was forced to leave the army for health reasons. After working in a bank, he turned to science, and became the Royal botanist in 1781. FTP, name this French scientist, who believed that species are not fixed, but that changed characteristics could be inherited, a view of evolution which was abandoned after Darwin.

Answer: Jean Lamarck

6. A student of Kaminsky in Munich, he founded the Gunther school there in 1924, at the same time he was producing editions of Monteverdi's operas. Born in 1895, he composed stage works like *Triumph of Aphrodite*, *The Clever Girl*, and *Oedipus the Tyrant*, though he is better known for choral music. FTP, name this German composer, who disowned all of his earlier works in 1937 after the publication of *Carmina Burana*.

Answer: Carl Orff

7. The prologue tells how Franklin Blake presents the title object to Rachel Verinder on her eighteenth birthday, though it disappears the next morning. After Superintendent Seegrave fails to

solve the mystery, it falls to Sergeant Cuff to do so, and Ezra Jennings discovers that Blake took it himself under the influence of opium. FTP, identify this 1868 novel, which ends with Abelwhite's death at the hands of the Hindus who retrieve the title diamond, a work by Wilkie Collins.

Answer: The Moonstone

8. Three years earlier, Constantine had secretly renounced his claim to the throne in favor of Nicholas, but Nicholas refused to believe it until he met Constantine at Warsaw. Thus, the death in the Crimea of Alexander I on the thirteenth left the country ungoverned, and the Northern society took advantage of the opportunity to revolt. FTP, name this uprising, which was suppressed by Tsar Nicholas on the same day it broke out, the twenty-sixth of the month that gives it its name.

Answer: the Decembrist uprising

9. This virus has been tentatively linked to chronic fatigue syndrome, as well as such rare disorders as Burkitt's lymphoma, Bell's palsy, and encephalitis. Able to infect only two types of cells, salivary gland cells and B lymphocytes, it was first reported by the British scientists for which it is named, who found virus-like particles in cells grown from cancerous lymphatic tissue. FTP, what is this herpes virus that is the major cause of acute infectious mononucleosis?

Answer: Epstein-Barr virus

10. Books 8 and 9 argue that friendship is essential to the good life, and may have originally been a separate treatise. Book ten includes the conclusion that happiness is a result of the contemplative life, which follows from the initial claim that man is a political animal. FTP, identify this ethical work, whose name derives from the fact that it was edited by Aristotle's son.

Answer: the Nicomachean Ethics

11. Returning to Europe in 1947, he wrote the *Short Organum*, which summarized such theories as *gest* and the alienation effect. A medical school dropout, he won the Kliest prize in 1922 for *Drums in the Night*, establishing himself as a successor to the expressionists. FTP, name this Bavarian author of the Svendborg poems, *Arturo Ui*, and *Galileo* who is better known for *The Caucasian Chalk Circle*, *Mother Courage*, and *The Threepenny Opera*.

Answer: Berthold Brecht

12. When he was buried at Westminster Abbey, Cromwell allowed the forbidden Anglican rites to be used in respect of his faith. Appointed Bishop of Meath in 1620, he went on to become Archbishop of Armagh, primate of Ireland, and was a trusted associate of King Charles at Oxford. FTP, name this Irishman, whose Latin chronologies told the history of the church in Britain and the world at large, including his determination that, on October 23, 4004 B.C., the world was created.

Answer: James Ussher

13. In the late 19th century, Lorentz hypothesized that the oscillations of atomic electrons produce light, and that a magnetic field would affect the oscillations, and thereby the frequency of the light. In 1896, this effect was observed by the scientist for whom it is named as a broadening of the yellow D-lines of sodium in a flame placed in a strong magnetic field. FTP, what is the term for this splitting of quantum mechanical energy levels in a magnetic field?

Answer: Zeeman effect

14. He began his career in the 1980s bouncing between Triple-A and the New York Yankees. After being traded out west, he was known for little more than a funky batting stance and a funkier haircut. When the Mariners re-signed him in 1993, it was mainly to placate best friend Ken Griffey Jr. FTP, name this slugger, who has hit forty home runs two separate seasons, including 44 in 1996.

Answer: Jay Buhner

15. Born in Terre Haute, Indiana, he served a term in the state legislature beginning in 1885, while doing double-duty as grand secretary and treasurer of the Brotherhood of Locomotive Firemen, a position he held from 1880 to 1893. Editor of the weekly periodical *Appeal to Reason* later in life, he resigned from the Brotherhood to become President of the American Railway Union. FTP, name this man who led the Pullman strike, and was a three-time Presidential candidate of the Socialist party.

Answer: Eugene Debs

16. He was a pastor's son and became a missionary to the coal miners of the Borinage, only turning to art after his dismissal from the post. Aside from a few lessons with Anton Mauve, he was self-taught, and came under the influence of the Impressionists after coming to Paris in 1886. FTP, name this painter, who worked from the asylums of Auvers and Arles before shooting himself, six months prior to the death of his brother Theo.

Answer: Vincent Van Gogh

17. He was the head consultant on the first submarine Atlantic cable, and became rich after patenting a mirror galvanometer that sped up telegraphs. Inventor of a tide predictor, a harmonic analyzer, and a siphon recorder, his home in Glasgow was the first in Scotland to be lit electrically. FTP, name this British scientist, who helped establish the second law of thermodynamics, but is best known for his 1848 proposal of the absolute temperature scale named after him.

Answer: Baron Kelvin (accept William Thomson)

18. He consolidated his kingdom by sending Edward Poynings to subdue Ireland and by marrying his daughter Margaret to James IV. He married Elizabeth, the daughter of Edward IV, to unite the houses of York and Lancaster, and his reign saw a great increase in the power of the Star Chamber. FTP, identify this English monarch, who took the crown after the victory at Bosworth Field, founder of the Tudor dynasty.

Answer: Henry VII

19. The first one was a poem of 100 eight line stanzas, written in French by Alain Chartier (shar-tee-YAY) and translated by Richard Ros, although it was attributed to Chaucer until recently. It is a debate over courtly love between a lover and a cruel lady, ending with the man's death. However, it is better known, FTP, as what 1819 ballad, which tells of a knight's deadly enthrallment by a beautiful lady, written by John Keats?

Answer: La Belle Dame Sans Merci

20. In addition to working on immunology and cosmology, he was the first scientist to recognize the greenhouse effect. In the course of experimenting on the effect of temperature on rates of

reactions, he discovered that the rate constant is related to the activation energy by an equation named for him. FTP, identify this Swedish chemist, whose theory of ionic dissociation came from his pioneering work on electrolytes, winner of the Nobel Prize in 1903.

Answer: Svante Arrhenius

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Boni:

1. Identify the American painters on a 10-5 basis.

1. 10 points: *Shooting for the Beef* and *Verdict of the People*

5 points: *The Trappers' Return* and *Raftsmen Playing Cards*

Answer: George Caleb Bingham

2. 10 points: *Saul and the Witch of Endor* and *Death on the Pale Horse*

5 points: *Penn's Treaty with the Indians* and *Franklin Drawing Electricity From the Sky*

Answer: Benjamin West

3. 10 points: *The Croquet Match* and *Long Branch, New Jersey*

5 points: *Gulf Stream* and *Prisoners from the Front*

Answer: Winslow Homer

2. Identify the following novels FTP each.

1. Subtitled "The History of a Young Lady," this longest novel in English tells of a woman who flees marriage to Mr. Solmes, but who ends up getting raped by Robert Lovelace.

Answer: Clarissa Harlowe

2. In this Heinrich Boll novel, Hans Schnier wanders around with his lover Marie. When Marie leaves him because he refuses to marry her, he falls apart, and ends up as a beggar in Bonn.

Answer: The Clown

3. This novel, written by Herman Melville, takes place on April Fool's Day aboard the Fidele.

Answer: The Confidence-Man : His Masquerade

3. Given the recent interest in clones, we'll test your knowledge of chromosomes. FTP each, given a brief description, identify these terms dealing with chromosomes.

1. This term is used to describe the substance that makes up chromosomes, including histones, phosphates, and DNA.

Answer: chromatin

2. This part of a chromosome contains no genes and is the spot where the two chromatids cross.

Answer: centromere

3. This phenomenon shows that certain genes may change their positions on chromatids during mitosis.

Answer: jumping genes

4. Identify the following from the fourteenth century FTP each.

1. This document of 1356 reorganized the Holy Roman Empire, reducing the power of the emperor by only allowing him control over his personal domains.

Answer: the Golden Bull

2. At this 1314 battle, Robert the Bruce defeated the English army, ending English rule of Scotland.

Answer: Bannockburn

3. In 1397, this union, organized by Queen Margaret, brought Sweden, Norway, and Denmark under one ruler.

Answer: Kalmar union

5. The MBTI is a popular measure of personality, whose origins trace back to Jung but whose current system was standardized by the two men for whom it was named.

1. 5 points each: What two names do the M and B in MBTI stand for?

Answer: Myers and Briggs

2. 5 points each: The MBTI measures personality along four different axes, labeled I-E, N-S, F-T, and J-P. Give the full names of those axes, for five points each.

Answers: Introvert-Extrovert and iNtuitive-Sensitive and Feeling-Thinking and Judgement-Perception (accept the same roots, such as introversion for introvert, thought for thinking, etc.)

6. Identify the following seemingly unrelated authors, for the stated number of points.

1. 5 points: This early American poet is best known for her *The Tenth Muse Lately Sprung Up In America*.

Answer: Anne Bradstreet

2. 10 points: He came to Rome as a slave at the age of 21, but became famous for plays like *Maid of Andros* and the *Adelphi*.

Answer: Terence (accept Publius Terentius Afer)

3. 15 points: He wrote a novel, *Three Fat Men*, but he is best known for 1927's *Envy*, a short novel that satirized the Soviet state.

Answer: Yuri Olesha

7. Identify the following periods of Japanese history FTP each.

1. Lasting from 1333 to 1616, No drama flourished and central government declined during this period.

Answer: Muromachi

2. Preceding the Muromachi, this period saw the rise of Zen Buddhism and military clans such as the Fujiwara.

Answer: Kamakura

3. This period followed the Muromachi and featured a feudal government centered at Edo.

Answer: Tokugawa

8. Identify the nicknames of the following Beethoven piano sonatas, FTP each.

1. After the composer's death, a German critic named Rellstab gave this name to the sonata in C Sharp minor that Beethoven called a "sonata quasi una fantasia."

Answer: the Moonlight sonata

2. This C Minor sonata, Beethoven's Opus 53, was named for its dedication to the count who was the composer's patron.

Answer: the Waldstein sonata

3. Beethoven's Opus 57, this F minor sonata is considered his greatest by many critics.

Answer: the Appassionata sonata

9. Identify the Greek hero, 30-20-10.

1. After his people turned against him in his old age, he fled to Scyros, where he was murdered by Lycomedes.

2. He was raised by his mother, Aethra, but went to Athens after becoming strong enough to raise the stone his father's sword was lying under.

3. He is most famed for killing Sciron, Procrustes, and the Minotaur.

Answer: Theseus

10. Identify the following Eugene O'Neill plays from brief descriptions, for the stated number of points.

1. 10 points: The title character of this play is the daughter of Chris Christopherson. She falls in love with Mat Burke, but he rejects her after she reveals a secret about her life in St. Paul.

Answer: Anna Christie

2. 5 points: This autobiographical work portrays the Tyrone family.

Answer: Long Day's Journey Into Night

3. 15 points: After this play, in which two actors play the conflicting halves of the main character, was produced in 1934, O'Neill retired for 12 years to work on his "America" saga.

Answer: Days Without End

11. Scientists at MIT recently succeeded in creating the world's first coherent matter wave, or "atomic laser," in which the wave properties of matter are exploited to cause large numbers of particles to act in concert. FTP each,

1. What French scientist first proposed that matter, like light, should exhibit both particle and wave properties?

Answer: Louis de Broglie

2. The atomic laser basically involves squirting through an aperture matter that has been cooled into what novel phase?

Answer: Bose-Einstein condensate

3. A Bose-Einstein condensate may be visualized as a soup in which individual atoms lose their spatial distinctiveness as a result of being forced into the quantum ground state. Of what quantum mechanical law is this a consequence?

Answer: Heisenberg Uncertainty Principle

12. Given hit singles from a year, name that year on a 10-5 basis.

1. 10 points: *Raindrops Keep Fallin' On My Head* and *American Woman*

5 points: *Let It Be* and *Bridge Over Troubled Water*

Answer: 1970

2. 10 points: *Jive Talkin'* and *Rhinestone Cowboy*

5 points: *Mandy* and *Love Will Keep Us Together*

Answer: 1975

3. 10 points: *96 Tears* and *The Ballad of the Green Berets*

5 points: *Good Vibrations* and *The Sounds of Silence*

Answer: 1966

13. Answer these questions about Zoroastrianism FTP each.

1. This is the Zoroastrian World Lord and Good Creator, who is also known as Ormuzd.

Answer: Ahura Mazda

2. Also known as Angra Mainyu, this is the Zoroastrian spirit of evil.

Answer: Ahriman

3. This Zoroastrian scripture was compiled between the third and seventh centuries and contains hymns, rites, and law.

Answer: Avesta (accept Zend-Avesta)

14. Identify the authors of the following winners of France's highest literary honor, the Prix Goncourt, FTP each.

1. 1954's *The Mandarins*

Answer: Simone de Beauvoir

2. 1984's *The Lover*

Answer: Marguerite Duras

3. 1934's *Man's Fate*

Answer: André Malraux

15. Answer these questions about the sun FTP each.

1. The middle third of the sun's interior, it is between the convection zone and core.

Answer: radiative zone

2. This is the expansion of gases from the sun's corona.

Answer: solar wind

3. The middle region of the sun's atmosphere, it is found between the photosphere and corona.

Answer: chromosphere

16. Answer these questions about the 1950s for the stated number of points.

1. 5 points: *The Robe* was the first film made with this process that enhanced the depth of the film image.

Answer: Cinemascope

2. 15 points: A CIA supported military coup overthrew this Guatemalan president in 1954.

Answer: Jacobo Arbenz

3. 10 points: In 1955 Eisenhower, Eden, and Bulganin met in this European city for the first summit since the end of World War II.

Answer: Geneva

17. For five points each, and a bonus five for all correct, give the proper names for the following bone fractures.

1. The bone is broken with no complications.

Answer: Simple or closed

2. The broken bone ruptures the skin.

Answer: Compound or open

3. The broken bone has injured an internal organ.

Answer: Complicated

4. The broken bone is in shards or splinters.

Answer: Comminuted

5. A crack running through a thin bone, like the skull.

Answer: Fissured

18. For five points each, name the six countries which border Mozambique.

Answer: Tanzania, Malawi, Zambia, Zimbabwe, South Africa, and Swaziland

19. Name the following one hit wonders of classical music from their most famous operas FTP each.

1. *Adriana Lecouvreur*

Answer: Francesco Cilea

2. *Andrea Chenier*

Answer: Umberto Giordano

3. *Cavalleria Rusticana*

Answer: Pietro Mascagni

20. Name the Supreme Court justices FTP each.

1. Serving from 1916 to 1939, he defended the rights of free expression and the interests of workers.

Answer: Louis Brandeis

2. This justice, who served from 1939 to 1962, defended the doctrine of judicial restraint.

Answer: Felix Frankfurter

3. Justice from 1932 to 1938, this man may have been even more influential for his previous decisions on the New York Court of Appeals.

Answer: Benjamin Cardoso