

## Wahoo War of the Minds 1997

### Round Fifteen

1. The first volume begins in the 1880s when a solicitor buys land at Robin Hill to build a house for his family. His wife Irene falls in love with the architect, Bosinney, but returns to her husband after Bosinney is run over and killed, only to have an affair with her husband's cousin, Jolyon, who she divorces her husband to marry. The last book ends with Irene and her son, Jon, going to America, leaving Soames behind in England. FTP, identify this sequence of novels, including *Awakening*, *To Let*, *In Chancery*, and *The Man of Property*, written by John Galsworthy.

Answer: the Forsyte Saga

2. His son Martin was also an astronomer who did pioneering work on the range of stellar masses. At the age of 16, he published a paper on binary orbits, and went on to made advances in photographic methods. FTP, name this German scientist, who proposed the first solutions to the partial differential equations of the general theory of relativity in papers written while he served on the Russian front in 1916, and who is best known for theorizing that a star contracting under gravity will reach a limit beyond which nothing can escape, a radius beneath which stars become black holes.

Answer: Karl Schwarzschild

3. The British negotiator, Lord Grenville, granted compensation for damage done by British ships, and in return secured payment of debts owed English merchants and most-favored nation trading status. The American secured British evacuation of forts and fur posts on the northern U.S. border. Arbitration would settle boundary disputes, and no mention of impressment was included in the provisions, FTP, of what 1794 treaty?

Answer: Jay's Treaty

4. He returned to Jerusalem after reaching Perga with Barnabas and Paul on their first mission, though he went on to evangelize Cyprus with Barnabas. He was known as the "interpreter of Peter" since he was Peter's disciple in Rome, where he wrote between the years 60 and 70. FTP, name this patron saint of Venice, the first of the Gospel writers.

Answer: Mark

5. He started out as a government engineer working on bridges and roads, but retired from his position in 1892 to devote himself to writing. He believed that science could only tell us about artificial nature, not "natural nature," and that man's problems in modern times resulted from his viewing every problem as solvable by technological means. FTP, name this French thinker, who created the myth of the general strike in his *Reflections on Violence*, a founder of syndicalism.

Answer: Georges Sorel

6. In 1851, he made an agreement with E. P. Christy to put Christy's name on his *Ethiopian Melodies*. Born near Pittsburgh, he had no formal training, but composed his first work, *Sadly to Mine Heart Appearing*, at the age of 13. FTP, name this composer, best known for *Songs of the Sable Harmonists*, including *Uncle Ned*, *Old Folks at Home*, *Camptown Races*, and *Oh! Susannah*.

Answer: Stephen Foster

7. After the main character is disinherited by her aunt, she takes a job as a milliner and dies from a sedative overdose. At the age of 29, she sets out to find a husband, but loses out on Percy Gryce when she goes out with Lawrence Selden instead of accompanying Percy to church. FTP, identify this 1905 novel, the story of Lily Bart's tragic social life, written by Edith Wharton.

Answer: The House of Mirth

8. His namesake father was the United States' World War I era ambassador to Turkey. He himself was born in New York City, educated at Cornell, and publisher from 1922 to 1933 of the monthly periodical *American Agriculturalist*. In 1945, his book *Germany Is Our Problem*, a tract advocating reduction of the German economy to that of a completely agricultural state, was published. FTP, name this man who served for 11 years as FDR's Secretary of the Treasury.

Answer: Henry Morgenthau, Jr.

9. Languages spoken there include Maithir and Bhojpuri, and minority ethnic groups include the Bihari, Tamang, Tharu, and Newar. The only officially Hindu state in the world, it is a constitutional monarchy, ruled by Birenda Bir Bikram Shah Deva and a bicameral parliament. FTP, name this kingdom of 20 million, whose cities include Patan, Dhankuta, Silgarhi, and Katmandu.

Answer: Nepal

10. He retired after the failure of *Pertharite*, although he returned to the theater with Oedipe in 1659. A translator of *The Imitation of Christ* into French verse, he first gained success with *Melite*, but failed with comedies like *Clitandre* before writing his first tragedy, *Medea*. FTP, name this author of *Cinna*, *Horace*, *Polyeucte*, and *Le Cid*.

Answer: Pierre Corneille

11. After his death in 1778, his collections were purchased by Sir James Smith, who brought them to London and founded the society named for him. He began his studies at the University of Lund, but dropped out after his father was unable to continue supporting him, returning to study at Uppsala when a benefactor helped him out. FTP, name this scientist, who proposed that plants have sexual characteristics, which led to his division of flowering plants into classes and to his classification of plants according to his system of binomial nomenclature.

Answer: Carl Linneaus (accept Carl von Linné)

12. After he led a failed rebellion in Strasbourg in 1836, he was deported to the United States. Returning to France, he was sentenced to life in prison for starting a rebellion in Boulogne, but escaped after five years. FTP, identify this man, who returned to France in 1848 to be elected president, and who went on to spend 19 years as emperor.

Answer: Napoleon III or Louis Napoleon

13. Squarks, selectrons, photinos and gluinos are some of the particles which appear in string theories possessing this property, as introduced in 1976 by the French physicist Joel Scherk. Bosons are imagined to have counterparts with half-integer spin, and fermions to have counterparts with integer spin, yielding a fundamental symmetry between the two. FTP, name this property sometimes referred to by the acronym SUSY.

Answer: Supersymmetry (accept superstring theory or early buzz)

14. Swinburne thought that he was the “greatest song-writer ever born of English race.” After serving as an apprentice to his uncle, a goldsmith, he went to London, becoming a friend of Ben Jonson and chaplain to Buckingham. FTP, name this poet, whose religious verse is collected in *Noble Numbers* and whose *Hesperides* contains “Oberon’s Feast,” “The Lily in a Crystal,” and “To the Virgins, to make much of time.”

Answer: Robert Herrick

15. After the rules of Al-Muizz and Al-Aziz, it reached its height under Al-Hakim, who was known as the Mad Caliph. After his death in 1021, Syria was lost under Az-Zahir, and North Africa threw off their rule during the 58 year reign of Al-Mustansir. FTP, identify this Moslem dynasty, which ruled until Saladin established the Ayyubid line, which began in 968 when the capital moved to Cairo, which claimed descent from Ali and the daughter of Mohammed.

Answer: the Fatimid dynasty

16. She introduced the Demeter cult to Egypt, and was herself identified with Isis because of the devotion she showed in searching for her son, Epaphus. After Zeus killed the Curetes, she found her son, and went on to marry Telegonus, becoming an ancestor of Perseus and Hercules. FTP, identify this daughter of Inachus and priestess of Hera who was supervised by Argus until Hermes killed him, a woman who slept with Zeus and was turned into a cow.

Answer: Io

17. His lesser artistic achievements include a treatise on aesthetics, *The Analysis of Beauty*, and paintings like *Pool of Bethesda* and *Sigismunda*. Although he was influenced by the French Rococo, he was strongly anti-French, and was arrested as a spy in 1748 for drawing the fortifications of Calais. FTP, name this English artist, who got a copyright act passed in 1735 to protect engravings like his *Marriage a la Mode*, *Harlot's Progress*, and *Rake's Progress* from pirating.

Answer: William Hogarth

18. Abundant in tide pools and coral reefs, they are also common in soil down to a depth of a meter or more, and are often among the first colonizers of bare rock. Grown in rice paddies in Southeast Asia in lieu of fertilizer, they are technically classified as bacteria, but their popular name derives from the color produced by chlorophyll and phycobilin, a blue pigment. Evolving some three billion years ago, FTP, what organisms profoundly altered earth's atmosphere by liberating oxygen in the first water-based photosynthetic reactions?

Answer: cyanobacteria or blue-green algae

19. Born in 1954, he studied at the University of Minnesota before starting a career in music. A former member of the Greek national swim team, he has toured with the band Chameleon, and released his first solo album, *Optimystique*, in 1986. FTP, identify this New Age star, who has had a long term relationship with Linda Evans and whose first name is Chrysomallis.

Answer: Yanni

20. He was born Emmanuele Conegliano, but converted from Judaism to Roman Catholicism, and became a professor of rhetoric at Treviso. He sold boots in London before coming to America in 1805, where he worked as a grocer before becoming professor of Italian literature at Columbia. FTP, name this poet, who worked for the Vienna Court Opera in the 1780s, writing the libretti for *Così fan tutte*, *Don Giovanni*, and *The Marriage of Figaro*.

Answer: Lorenzo Da Ponte

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Boni:

1. For the stated number of points, identify the following associated with Prague.

1. 5 points: He was the Czechoslovakian leader during 1968's Prague Spring.

Answer: Alexander Dubcek

2. 10 points: The 1866 Treaty of Prague ended what European conflict?

Answer: Austro-Prussian War or Seven Weeks War

3. 15 points: The Praguerie was a 1440 revolt by French nobles against this king. The French dauphin became the figurehead of the revolt, and later succeeded the revolted-against King as Louis XI.

Answer: Charles VII

2. You may want to have pencil and paper ready as you answer the following questions FTP each.

1. The quiz-bowl club at East Podunk University has seven members, and just enough money to enter one four-member team at Wahoo War. How many different team compositions are possible?

Answer: 35 (=7 choose 4)

2. For good luck, the EPU team decides to play each game sitting in the same order from right to left. How many orders do they have to choose from?

Answer: 24 (=4 factorial)

3. After a loss, the team decides to rearrange their seating order so that no one is sitting in the same seat in the new arrangement as he or she was in the old. Is the number of ways they can do this equal to 1, 3, 9, 20, or 45?

Answer: 9

3. Identify the following concerning a Russian novel FTP each.

1. Set during the reign of Nicholas I, this 1840 novel tells the story of an army officer in the Caucasus who has an affair with a native, falls in with smugglers, and kills another officer in a duel.

Answer: A Hero of Our Time or Geroy nashego vremeni

2. Name the author of *A Hero of Our Time*.

Answer: Mikhail Lermontov

3. Name the hero of *A Hero of Our Time*.

Answer: Grigory Aleksandrovich Pechorin

4. Given facts about team records in the NCAA men's basketball championship, name the team on a 10-5 basis.

1. 10 points: They lost the championship to Wyoming in 1943, though they are better known for two championship losses in the 1980s.

5 points: Those losses came to North Carolina and Villanova.

Answer: Georgetown

2. 10 points: They won three titles in four years by defeating Baylor, Oklahoma State, and Kansas State.

5 points: More recently, they won by beating Syracuse.

Answer: Kentucky

3. 10 points: They lost the title game to Kentucky and Louisville, and were the first team beaten by UCLA en route to its dynasty of the 60s and 70s.

5 points: After losing to UNLV in 1989, they came back to win consecutive titles.

Answer: Duke

5. FTP each, answer these questions about crystal structure.

1. A dimensionless number which depends only on the structure, it is a constant of proportionality between the lattice energy of an ionic crystal to the separation of atoms in the lattice.

Answer: Madelung constant

2. In any real crystal, a small fraction of lattice sites remain unoccupied by atoms. This name is given to such vacancies, after a German solid-state physicist who is also the namesake of a type of diode.

Answer: Schottky defects

3. If an ionic crystal is irradiated, some atoms may lose an electron. The resulting ion escapes from the crystal, but the electron migrates to an Schottky defect, where it is held electrostatically. What name, derived from the German for "color center", is given to these defects which impart color to ionic crystals?

Answer: F-center (from "Farben-Zentrum")

6. Answer these questions about Eastern Christianity FTP each.

1. In 863 he and his brother Cyril were sent by Emperor Michael III to convert the Slavs.

Answer: Methodius

2. Cyril and Methodius translated scripture into this alphabet.

Answer: Glagolitic

3. In the 10th century the Glagolitic alphabet was replaced in Slavic texts by this alphabet based on the Greek one.

Answer: Cyrillic

7. Identify the following plays by Arthur Miller FTP each.

1. This 1964 work was controversial because the character of Maggie was allegedly modeled on Miller's wife, Marilyn Monroe.

Answer: After the Fall

2. Miller gained his first success with his 1947 play, which looked at the effects of World War II.

Answer: All My Sons

3. Characters in this 1953 play include Mary Warren and Giles Corey.

Answer: The Crucible

8. Name the terms from Hinduism FTP each.

1. The term for devotion to a god.

Answer: bhakti

2. Word designating salvation, release, or emancipation.

Answer: moksha

3. The cycle of birth, death, and rebirth.

Answer: samsara

9. Identify the following Supreme Court decisions from the first decade of this century FTP each.

1. This Insular Case upheld *De Lima v. Bidwell* and asserted the principle that "the Constitution follows the flag." It was subsequently reversed by *Downes v. Bidwell*.

Answer: Dooley v. United States

2. This decision ruled unconstitutional a state law limiting maximum working hours for bakers.

Answer: Lochner v. New York

3. This decision ruled constitutional a state law limiting the maximum number of hours a woman could work.

Answer: Muller v. Oregon

10. Identify the following concerning a certain musical device, FTP each.

1. The first factory to make them, using a design created by Winkel, was established in Paris in 1816. The first ones consisted of an oscillating steel rod suspended in a wooden case.

Answer: metronome



2. This German inventor created the Panharmonicon, a mechanical orchestra for which Beethoven composed the *Battle Symphony*, though he is better known for inventing the modern metronome.

Answer: Johann Nepomuk Maelzel

3. This contemporary Hungarian composer wrote a symphonic poem for 100 metronomes in 1962.

Answer: Gyorgy Ligeti

11. Identify the following science terms that begin with the letter "L" FTP each.

1. Examples of this are oil cavities in citrus tree leaves. It is the disruption of plant cells to form a cavity in which secretions accumulate.

Answer: lysigeny

2. Found in tears and saliva, it disrupts the polysaccharides in bacterial cell walls, making them easier to destroy.

Answer: lysozyme

3. It is the general term for anything that has an affinity for a solvent. If the solvent happens to be water, the more specific term "hydrophilic" is used.

Answer: lyophilic

12. Identify the Americans from their nicknames for ten points. If you need an additional clue, you will only receive 5 points.

1. 10 points: The Cast-Iron Man

5 points: Vice-President to John Quincy Adams and Andrew Jackson, he authored the South Carolina exposition, which advocated the doctrine of nullification.

Answer: John Calhoun

2. 10 points: Ol' Snappin Turtle

5 points: He was the victorious Union general at the Battle of Gettysburg.

Answer: George Meade

3. 10 points: The Superb

5 points: He earned the moniker for his able direction of Union troops in the Civil War, and in 1880 polled just 7,018 popular votes fewer than James Garfield.

Answer: Winfield Scott Hancock

13. Identify the following pertaining to the First Crusade for the stated number of points.

1. 5 points: What Pope called the Crusade?

Answer: Urban II

2. 10 points: At what 1095 Council did Urban II call the Crusade?

Answer: Clermont

3. 15 points: Appeals for aid by what Byzantine emperor alarmed by the Seljuk Turks' conquests in the region moved Urban to call the Crusade?

Answer: Alexius I or Alexius Comnenus

14. FTP each, answer the following about muscle tissue in vertebrates.

1. Muscle filaments come in two varieties, the thin, which consist of two strands of a certain type of molecule coiled together, and the thick, which are staggered arrays of another type of molecule. For five points apiece, name these two proteins responsible for contractile properties of animal cells.

Answer: actin and myosin

2. Skeletal muscle is also called striated muscle because the regular arrangement of the myofilaments creates a repeating pattern of light and dark bands, punctuated by dark stripes called the Z lines. FTP, what is the basic functional unit of muscle whose boundaries are defined by the Z lines?

Answer: sarcomere

3. The area near the edge of the sarcomere contains only thin filaments, and is the part of the sarcomere which changes length during muscle contraction. FTP, what is this "band"?

Answer: the I band

15. Identify the "C" initialed English poets on a 10-5 basis.

1. 10 points: His lesser known works include *The Revenge*, a burlesque, and *Apostate Will*, a satire.

5 points: Prior to his suicide at the age of 17, he gained fame for poems he claimed were written by Thomas Rowley, a fifteenth century monk.

Answer: Thomas Chatterton

2. 10 points: His lesser known works include *The Newspaper* and *The Parish Register*.

5 points: He is best known for *The Borough*, a series of tales that includes "Peter Grimes," and *The Village*.

Answer: George Crabbe

3. 10 points: His lesser known works include "The Progress of Error" and *The Diverting History of John Gilpin*.

5 points: This often insane eighteenth century poet is best known for *The Task*.

Answer: William Cowper

16. Identify the following Australian political leaders FTP each.

1. Governor of the colony from 1806 to 1808, he was removed from office by the Rum Rebellion, but is better known as the ill-fated captain of the H.M.S. Bounty.

Answer: William Bligh

2. The leading figure in Australia's federation movement, he served as the nation's first prime minister from 1901 to 1903.

Answer: Edmund Barton

3. Organizer of the Liberal party as a successor to the United Australia party, he was prime minister from 1939 to 1941 and again from 1949 to 1966, when he retired after having served the longest unbroken term as prime minister in the nation's history.

Answer: Robert Menzies

17. Identify the following things from economics, FTP each.

1. This curve shows possible combinations of rates of inflation and unemployment.

Answer: Phillips curve

2. It states that people supply resources to the market because they want to buy something, meaning that quantity supplied creates quantity demanded.

Answer: Say's law

3. This type of curve shows all the efficient combinations of two resources, like labor and capital, which produce a given amount of output.

Answer: isoquant

18. Name the art terms, FTP each.

1. A two-paneled hinged altarpiece.

Answer: diptych

2. A full-size preparatory drawing for a painting.

Answer: cartoon

3. Oil paint applied thickly.

Answer: impasto

19. Name these Wonders of the Modern World, as determined by the editors of *Readers Digest*, for the stated number of points.

1. 15 points: This city was begun around 300 BC and rediscovered in Guatemala in 1848.

Answer: Tikal

2. 5 points: This temple complex is the only such wonder in Cambodia.

Answer: Angkor



3. 10 points: This French cathedral, begun in 1194 and consecrated in 1260, is known for its stained-glass windows, many of which are a distinct shade of blue.

Answer: Chartres (SHARTR) Cathedral

20. Identify the following concerning Don Quixote, for the stated number of points.

1. 5 points: What province does Don Quixote come from?

Answer: La Mancha

2. 10 points: This skinny nag is Don Quixote's horse.

Answer: Rocinante

3. 15 points: After this knight beats Don Quixote in a duel, he returns to La Mancha and gives up chivalry.

Answer: the Knight of the White Moon