

Wahoo War of the Minds 1997

Round Five

1. His work in cultural morphology posited the existence of at least eight cultures, such as the Magian, Apollonian, and Faustian, which are isolated, self-contained units each lasting for a thousand years. He published *Man and Technics* in 1932, but is best known for a book he finished after World War I. FTP, name this man, who wanted to begin a "Copernican revolution" in historiography in his masterwork, *The Decline of the West*.

Answer: Oswald Spengler

2. In quantum mechanics, the position operator does not do this with the momentum operator, although the spin operator does it with both. Algebraic groups in which any two elements do this are called Abelian. Real numbers do this under multiplication and addition, but not under division or subtraction. FTP, what are two elements A and B said to do if AB equals BA?

Answer: commute

3. He was born in Emesa with the name Varius Avitus Bassianus, but took the name of the Phoenician sun god of whom he was a high priest. After being proclaimed emperor, he defeated Macrinus on the Syrian border, but his reign ended after four years when he was assassinated by the praetorian guard. FTP, identify this Roman emperor, ruler from 218 to 222 who is remembered for his bizarre perversions and his devotion to the God Elagabal.

Answer: Heliogabalus

4. The main portion of these are hymns to Uma, the dawn, Varuna and Mitra, the sky gods, and other deities like Aditi and Agni, who are generally honored as bright and benevolent. The Atharva is a collection of spells and popular songs, while the Sama and Yajur are intended for different classes of priests. FTP, what are these scriptures, a collection of ancient Hindu writings of which the most famous is the Rig?

Answer: the Vedas (accept Rig Veda on early buzz)

5. It was developed as a musical form by Vorisek, a Bohemian composer, who published the first one in 1822. However, it did not become popular until Schubert took the term and applied it to eight of his compositions, distinctive for their irregular rhythm, sharp accent, and folk melodies. FTP, name this type of extended song form, whose most famous examples are the four written by Chopin, and whose name suggests an improvisation or a film about Chopin and George Sand.

Answer: impromptu

6. He represented Hull in parliament from 1659 until he died in 1678, at which time his housekeeper, Mary Palmer, claimed that they had been married. He vehemently opposed Charles II, satirizing his government in "Clarindon's House-Warming" and *The Last Instructions to a Painter*, though he is better known for his earlier political verse, such as "An Horatian Ode upon Cromwell's return from Ireland." FTP, identify this metaphysical poet of "Upon Appleton House," "The Garden," and "To His Coy Mistress."

Answer: Andrew Marvell

7. It began as a reaction to John Eliot's conversions of the Cape Cod Indians. Following white attacks on the Narragansett stronghold near Kingston, the Indians burned Deerfield, but the conflict ended the next year with the deaths of Chief Canonchet and the war's namesake. FTP, identify this war of 1675 and 1676, in which the Wampanoag Indians, headed by the son of Massasoit, formed a league of New England Indians to fight the British.

Answer: King Philip's war

8. It begins with an examination of how the priest kings of Diana's Grove chose a new leader, an episode in which the author saw hints of a story ~~of~~ from the *Aeneid*. Such similarities to other rites and rituals are described through out time and the entire world in fourteen volumes, much of which is now regarded as simplistic or otherwise discredited. FTP, identify this seminal work on ritual, written by James Frazer.

Answer: The Golden Bough

9. While an undergraduate at MIT, he invented the spectroheliograph, and in 1908 he discovered that lines in sunspot spectra are split. With Walter Adams, he discovered that the polarity of magnetic fields of sunspots reverses every 23 years. FTP, identify this astronomer, who persuaded Charles Yerkes to fund a 40 meter refracting telescope at the University of Chicago, and who went on to bring about the Mount Wilson and Mount Palomar observatories.

Answer: George Ellery Hale

10. He appeared with the Chicago Symphony at the age of fourteen, and later earned a living performing in nightclubs under the name of Walter Busterkeys. Making his film debut in 1949's *East of Java*, his only starring role, in *Yours Sincerely*, did not go well, and he turned to television. FTP, identify this entertainer, best known for his piano-shaped swimming pools, candelabra, and flamboyant attire, who died of AIDS in 1987.

Answer: Liberace

11. After a concert in 1888, the author proposed that Andreyev-Burlak, Repin, and himself would each prepare an artistic work on this theme. Strongly influenced by a gynecological book by Alice Stockham and by Shaker writings, it was published in St. Petersburg against the wishes of its author, and its bleak portrayal of marriage angered his wife, Sonya Andreyevna. FTP, identify this story, which tells of Pozdnyshev's (POSED-nih-CHEVS) murder of his wife, written by Leo Tolstoy, and taking its title from a violin composition by Beethoven.

Answer: The Kreutzer Sonata

12. He retired from politics in 1925, but returned after the war to serve as the first president of the Constituent Assembly. Born in 1860, he was minister of justice when the humiliating defeat at Caporetto catapulted him into the spotlight. FTP, name this statesman, whose perceived failure to win concessions at the Paris Peace Conference caused his decline, an Italian prime minister and member of the big Four who shares his name with a city in Florida.

Answer: Vittorio Orlando

13. In order to leave Spain, King Philip II required him to go on a pilgrimage to Jerusalem, and he died in Greece on the return trip. Becoming professor of surgery at Padua at the age of 24, he performed dissections himself and published his results in 1543's *Seven Books on the Structure of the Human Body*. FTP, identify this pioneering anatomist, the court physician to Charles V who made Galen obsolete.

Answer: Andreas Vesalius (accept Andries van Wesel)

14. Because Ino was jealous of Nephele, the wife of Athamas, she convinced the Boeotian women to dry out the wheat. This prompted a false Delphic oracle which stated that Phrixus and Helle, the children of Nephele, would have to be sacrificed. FTP, they were saved by the intervention of what creature, sent by Hermes, which took Phrixus to Colchis and which was returned to Iolcus by the Argonauts?

Answer: the Golden Fleece

15. The source of the play was probably Barnabe Rich's *Apolonius and Silla*. Although Will Kemp was supposed to play the fool, the part of Feste was rewritten for Robert Armin, and he is given three of Shakespeare's best songs. FTP, name this play, whose subplot features the bumbblings of Sir Andrew Aguecheek and Sir Toby Belch, while the main action concerns the loves of Sebastian, Olivia, Viola, and the Duke of Illyria, Orsino.

Answer: Twelfth Night

16. His earliest known painting, of *Saint Praxetis mopping up the Blood of the Martyrs*, dates from 1655. His early period also includes *The Procuress*, *Christ in the House of Martha and Mary*, and *Diana and her Companions*, though he is better known for late works like *The Astronomer* and *Allegory of Faith*. FTP, name this Dutch master, best known for the *View of Delft*, and subject of a recent exhibition at the National Gallery.

Answer: Jan Vermeer

17. After serving with Parry on four Royal Navy attempts to reach the North Pole in the 1820s, he and his uncle undertook a mission, financed by a distiller, to explore the Arctic. This resulted in his 1831 discovery of the north magnetic pole, but he returned to the Navy three years later, and was commissioned to make a magnetic survey of Great Britain. FTP, name this explorer, who discovered Victoria Land, named Mount Erebus, and gave his name to several parts of Antarctica, including a sea and an ice shelf.

Answer: James Clark Ross

18. Though primarily a mainland nation, it includes the islands Saaremaa and Hiiumaa. More than half of its border with Russia consists of Lakes Pskov and Peipus. FTP, name this former Soviet republic, which borders only Russia and Latvia and whose capital is Tallinn.

Answer: Estonia

19. It converts vitamin D to its active form, increases the number of osteoclasts, and increases the reabsorption of magnesium and calcium ions in the kidney tubules. It does all this in opposition to calcitonin, in order to maintain normal levels of calcium in the blood. FTP, identify this hormone, which is secreted by a pair of glands located behind the thyroid.

Answer: parathyroid hormone

20. Before leaving America, his *The Maid of The Oaks* was staged. Upon returning to England, he wrote the libretto for William Jackson's *The Lord of the Manor*, though his literary fame rests on 1786's *The Heiress*. FTP, name this author, a character in Shaw's *The Devil's Disciple* who was forced to go back to England in 1777 after his disastrous defeat at the battle of Saratoga.

Answer: John Burgoyne

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Boni:

1. Identify the following concerning a Greek dramatist FTP each.

1. He was a priest of Asclepius who defeated Aeschylus with his first tragedy, written at the age of 27.

Answer: Sophocles

2. This Sophocles tragedy concerns the return of the title character's brother to Argos and the murder of their mother.

Answer: Electra

3. In this tragedy, the title character goes mad and attacks a ram that he mistakes for Odysseus.

Answer: Ajax

2. Identify the following twentieth century physicists FTP each.

1. The second woman ever to receive a doctorate in physics in Vienna, she left Berlin in 1938, spending the rest of her career in Stockholm.

Answer: Lise Meitner

2. Meitner worked with this man at the Kaiser Wilhelm Institute. It is now recognized that he stole the credit for her work on uranium bombardment, which won him the Nobel Prize for Chemistry in 1944.

Answer: Otto Hahn

3. Along with this man, her nephew, Meitner interpreted the production of barium from uranium bombardment to produce a theory of nuclear fission, a term they coined.

Answer: Otto Frisch

3. Identify the following concerning John the Baptist FTP each.

1. His parents were Elizabeth, a relative of the Virgin Mary, and this priest from Jerusalem.

Answer: Zechariah

2. He was imprisoned for denouncing Herod Antipas, who had married this woman, his own niece.

Answer: Herodias

3. This daughter of Herodias requested John the Baptist's head on a platter.

Answer: Salome

4. Answer these questions concerning John Smoltz FTP each.

1. John Smoltz was owned in 1996 by this catcher, who hit three home runs off him in two starts. It seems like Smoltz is the only target for this fading star, the 1987 National League rookie of the year.

Answer: Benito Santiago

2. Smoltz lost his only start against this Marlin who led the National League in ERA.

Answer: Kevin Brown

3. Smoltz hit a three-run homer to win a game off this crafty left-hander, who tied Pedro Martinez for the Expos lead in wins.

Answer: Jeff Fassero

5. Identify the Jane Austen novels from characters on a 10-5 basis.

1. 10 points: Mrs. Allen and Henry Tilney

5 points: Catherine Morland

Answer: Northanger Abbey

2. 10 points: Aunt Norris and Mary Crawford

5 points: Fanny Price

Answer: Mansfield Park

3. 10 points: Lucy Steele and John Willoughby

5 points: Elinor Dashwood

Answer: Sense and Sensibility

6. Identify the following people, places and things associated with the Napoleonic Wars FTP each.

1. In 1806, Napoleon created this league of German states as a successor to the Holy Roman Empire.

Answer: Confederation of the Rhine

2. The Treaty of Tilsit was a consequence of this June 14, 1807 battle in which Napoleon defeated a large Russian force in eastern Prussia.

Answer: Friedland

3. In 1809, Napoleon annexed the Papal States and was excommunicated by this Pope, who was subsequently arrested.

Answer: Pius VII

7. FTP each, name these silicates.

1. Containing magnesium, iron, or both in addition to silicon oxide, these silica-rich rocks are believed to be the most abundant constituent of the earth's upper mantle, and also occur in lunar basalt and meteorites. The name derives from their yellow-green color; the gem-quality iron-free variety is known as peridot.

Answer: olivines

2. Resulting from the substitution of aluminum for silicon in quartz and other silicates, they are the most common class of mineral in the earth's crust, and are the major component in nearly all igneous rocks.

Answer: feldspars

3. Hydrated aluminosilicates that contain alkali and alkaline-earth metals, their structure is much more open than that of the feldspars, with polyhedral cavities connected by tunnels. They are noted for their ion-exchange properties and reversible dehydration.

Answer: zeolites

8. Identify the following regarding the Jackson administration FTP each.

1. This man served as senator from Tennessee from 1818 to 1829, when he joined Jackson's Cabinet. He resigned in 1831 when Washington society refused to accept his wife.

Answer: John Eaton

2. What Cabinet position did Eaton hold?

Answer: Secretary of War

3. What future major-party Presidential candidate succeeded Eaton as Secretary of War?

Answer: Lewis Cass

9. Identify the following works by Nathaniel Hawthorne, for the stated number of points.

1. 5 points: In this 1851 novel, the title building is built by Colonel Pyncheon, whose family is cursed by Matthew Maule.

Answer: The House of the Seven Gables

2. 10 points: This collection of 25 stories includes *Young Goodman Brown* and *Rappacini's Daughter*.

Answer: Mosses from an Old Manse

3. 15 points: In this novel, unfinished at Hawthorne's death, the title character prepares an elixir of life for his granddaughter, Pansie, that kills Colonel Dabney when he drinks too much of it.

Answer: The Dolliver Romance

10. Identify the following concerning a certain linguist FTP each.

1. He became famous at the age of 21 for a work on vowels in Indo-European languages, though he is best known for 1913's *Course in General Linguistics*.

Answer: Ferdinand de Saussure

2. Saussure distinguished between langue (LAHNG), or the overall language system, and this, particular appearances of that system.

Answer: parole

3. Saussure also distinguished between diachronic linguistics, the study of a language over time, and this, the study of a language at a single point in time.

Answer: synchronic

11. Identify the following concerning a type of hormone FTP each.

1. This is the name for hormones secreted by the anterior pituitary gland that stimulate reproductive activity in the testes or ovaries.

Answer: gonadotrophin or gonadotrophic hormones

2. This type of gonadotrophin is produced by the placenta; the presence of it in urine indicates pregnancy.

Answer: chorionic or human chorionic

3. Abbreviated FSH, this hormone stimulates structures that produce ova in women and the formation of sperm in men.

Answer: follicle-stimulating hormone

12. Identify the following concerning a contemporary philosopher FTP each.

1. Born in Austria, his early work, such as *The Logic of Scientific Discovery*, was influenced by logical positivism, though he is better known for work done at the London School of Economics.

Answer: Karl Popper

2. Popper argued that any scientific theory that did not have this capacity was a pseudoscience, because it could not really be tested.

Answer: falsifiability

3. In this work, whose volumes appeared in 1945 and 1966, Popper attacks the idea that there are general laws of historical development, strongly criticizing Plato and Hegel.

Answer: The Open Society and Its Enemies

13. Identify the following concerning a contemporary American novelist FTP each.

1. His short stories, collected in *Slow Learner*, include *Low-Lands* and *The Secret Integration*.

Answer: Thomas Pynchon

2. This Pynchon novel tells the story of Benny Profane, an alligator hunter, and Herbert Stencil, who is obsessed with a mysterious woman.

Answer: V.

3. This short novel centers on Oedipa Mass, who tries to decipher the meaning of Tristero.

Answer: The Crying of Lot 49

14. Answer the following questions concerning a famous painting, FTP each.

1. Living from 1444 to 1514, this architect, who was considered the greatest exponent of the High Renaissance style, began the reconstruction of Rome's St. Peter's cathedral in 1506.

Answer: Donato Bramante

2. Another of Bramante's works, to be found in the Vatican Stanze, is a majestic setting for what famous Raphael painting?

Answer: The School of Athens

3. Raphael paid Bramante tribute by using the architect's likeness in *The School of Athens* as the portrait of what classical figure?

Answer: Euclid

15. Identify the following Attorney Generals from the 1830's on a 10-5 basis.

1. 10 points: He served Jackson as attorney general from 1831 to 1833, when the President moved him to the Treasury department, as he needed a Secretary of the Treasury tractable enough to move government money into pet banks.

5 points: As Chief Justice, this Marylander handed down the Dred Scott decision.

Answer: Roger Taney

2. 10 points: He succeeded Taney as Jackson's attorney general, and continued in the post into the Van Buren administration. In December 1864, Grant removed him from command of the Army of the James for his failure to take Fort Fisher.

5 points: On May 1, 1862, he commanded the Union land forces taking New Orleans, and is credited with originating the idea that captured slaves were "contraband of war."

Answer: Ben Butler

3. 10 points: William Henry Harrison's only attorney general, he was, on the eve of the Civil War, a senator from Kentucky.

5 points: His compromise plan to save the Union was defeated by one vote in the Senate in March 1861.

Answer: John Crittenden

16. Identify the following algebraic terms FTP each.

1. It refers to a function which satisfies Laplace's equation.

Answer: harmonic

2. It refers to a polynomial of degree 2.

Answer: quadratic

3. It refers to a polynomial for which each term has the same degree.

Answer: homogeneous

17. Given a country, name its capital for the stated number of points.

1. 5 points: Cyprus

Answer: Nicosia

2. 10 points: Ghana

Answer: Accra

3. 15 points: Aruba

Answer: Oranjestad

18. Identify the composers of the following ballets, FTP each.

1. *Coppelia*

Answer: Leo Delibes

2. *Giselle*

Answer: Adolphe Adam

3. *Raymonda*

Answer: Aleksandr Glazunov

19. Identify the following regarding the historic emigration of 14,000 Boers from Cape Colony to the African interior FTP each.

1. What is this event commonly known as?

Answer: The Great Trek

2. In what year did the Great Trek begin? You will receive five points for being within five years.

Answer: 1835 (give five points if answer given is 1830 to 1840)

3. At the end of the Great Trek, the Boers, in 1839, established what Afrikaaner republic?

Answer: Natal

20. For five points each, and five more for all correct, identify these ions.

1. CNO^- ("C N O minus")

Answer: cyanate

2. O_2^{2-} ("O two two minus")

Answer: peroxide

3. SO_3^{2-} ("S O three two minus")

Answer: sulfite

4. SCN^- ("S C N minus")

Answer: thiocyanate

5. NO_3^- ("N O three minus")

Answer: nitrate