

Tossups for 1996 Wahoo War of the Minds Round 5

1. Shortly after his accession he conquered Belgrade and Rhodes, and soon had divided Hungary with the Hapsburgs and his puppet, John of Transylvania. Presiding over a great flowering of Ottoman culture, he completed his father's acquisitions in Persia, and his navy under Barbarossa dominated the Mediterranean. FTP, name this sultan who completed the transformation of Constantinople into Istanbul.

Answer: Suleiman the Magnificent or Suleiman I or Suleiman the Lawgiver

2. Approximating the earth to be spherical, suppose that an airplane takes off from a certain airstrip. The plane travels due north for 100 miles, then abruptly turns and travels due east for 100 miles, then abruptly turns again to travel due south for 100 miles, at which point it lands immediately on the same airstrip from which it took off. FTP, where is this airstrip located?

Answer: the South Pole

3. This novel mixes stream-of-consciousness passages and selections from headlines, advertisements, and popular songs of the day. Interspersed with the narrative are brief biographies of John Reed, Theodore Roosevelt, J.P. Morgan, and the Unknown Soldier. FTP, name this 1932 novel by Dos Passos, the second book of the U.S.A. trilogy.

Answer: 1919

4. The earth's surface crumpled, forming mountains and seas. Heat and pressure turned buried vegetation into fossil fuel. Trilobites had their heyday, and slimy critters emerged from the deep to evolve into land reptiles. Insects multiplied, and plants grew to tree size. This is the story of, FTP, what geologic era whose periods included the Silurian, Devonian, and Carboniferous?

Answer: Paleozoic

5. On being told that one of his few successful commanders was mad, this monarch snapped "Then I wish he would bite a few of my other generals!" The reign of this last English king to lead his troops into battle saw the war of the Austrian Succession and much of the Seven Years' War. FTP, name this Hanoverian who weathered the Jacobite rebellion of 1745.

Answer: George II or George Augustus

6. The uniformity of the cosmic background radiation and the apparent flatness of the universe are puzzles which might be resolved by this theory proposed in 1980 by MIT physicist Alan Guth. It suggests that the early universe might have undergone a phase transition as the symmetry of the fundamental forces was broken, in which "bubbles" would form and grow exponentially. FTP, name this modification of the Big Bang theory which asserts that the early universe experienced superluminal expansion.

Answer: Inflationary cosmology

7. The son of a well-known actor, he too was an actor for a time, and also worked variously as a sailor, gold prospector, and journalist. Beginning in 1916, several of his early one-act plays, including Bound East for Cardiff and The Moon of the Caribbees, were staged by the Provincetown Players. His first major success was Beyond the Horizon, followed shortly by The Emperor Jones and Anna Christie. FTP, name this author of Long Day's Journey Into Night.

Answer: Eugene O'Neill

8. Most of them conform to one of two basic schemes: the five part a-b-c-b-a, or the seven part a-b-a-c-a-b-a, with the recurrent refrain sometimes termed a "ritornello." Adapted from a French literary form, it was extremely popular in the late 18th and early 19th centuries as the final movement of a sonata, symphony, or concerto. FTP, name this instrumental form which meanders from the opening theme but repeatedly comes back around.

Answer: Rondo

9. The aboriginal inhabitants of its northern and central regions were driven out in the second millennium B.C. by the Cushites. An early civilization there, known as Punt, traded with the Egyptians. The kingdom of Axum emerged in the second century A.D., and converted to Christianity in the fourth; later Europeans believed it to be the lost kingdom of Prester John. FTP, name this African nation whose emperor Haile Selassie was deposed in 1974 by a Marxist coup and whose capital is Addis Ababa.

Answer: Ethiopia

10. Endowed with seven fingers on each hand, seven toes on each foot, and seven pupils in each eye, he was exempt from the curse of periodic feebleness visited upon the men of Ulster. Named for the hound of his master, this son of Lug and Dechtire had his greatest exploit in the thwarting of a cattle raid. FTP, name this Gaelic demigod.

Answer: Cú Chulainn

11. David Letterman he's not. With a tenuous grip on reality, he has featured Alice Cooper on his tribute to women in entertainment, asked interviewee Ashley Judd to run out and buy him some tacos, and blown a major scoop when he asked Dian Parkinson how she liked "the fair," at the prompting of his evil bandleader Zorak. Maybe that'll teach him not to listen to giant cartoon insects bent on galactic domination. FTP, name this black-hooded, yellow-caped crusader who's mothballed the Phantom Jet to battle for quality television, "coast to coast" on the Cartoon Network.

Answer: Space Ghost

12. Shoushounova is the most recent female competitor in this sport to win both Olympic and world championships. More often, its world champions have come up short in the Olympics, as did Dobre, Kim, Podkopayeva, Miller, Boginskaya, and Zmeskal. FTP, name this sport, whose most famous star remains Nadia Comaneci.

Answer: Women's Gymnastics

13. The study of these systems, begun by McCulloch and Pitts in the 1940's and extended in the 1960's by the Rosenblatt-Minsky theory of trainability, matured in the 1980's with the work of Hopfield. Today, they are studied by physicists largely seeking to extend Hopfield's theory, although neurobiologists object that they are unreasonably symmetrical compared to the brain. FTP, name these parallel digital models of the brain.

Answer: Neural Networks

14. After the 1963 publication of his "Precocious Autobiography," this celebrated poet was told by John Steinbeck that he might someday be remembered as a prose writer. He recalls that exchange in his recent novel, "Don't Die Before You're Dead," and reveals nostalgia for his Soviet dissident days, when he recited counterrevolutionary poems like "The Heirs of Stalin" to packed stadiums. FTP, name this Russian writer who early achieved fame with a denunciation of Soviet anti-Semitism in his poem "Babi Yar."

Answer: Yevgeny Yevtushenko or Evtushenko

15. Over 2600 years, the prehistorical Talayotic civilization of this archipelago has survived incursions by the Carthaginians, Romans, Vandals, Moors, and Britons. It includes the islands of Cabrera, Formentera, and Ibiza, and was declared an autonomous community of Spain in 1983. FTP, name this popular tourist destination whose largest island is Majorca.

Answer: The Balearics

16. He was an engineer and a railway executive before assuming the chair of political economy at the University of Lausanne in 1893. As well as a sociological theory on mass and elite interaction, he advanced an empirical law that income distributions remain constant regardless of government action. Later, he laid the theoretical foundation for the modern welfare state with his "optimums," or situations where no one's lot can be improved without hurting others. FTP, name him.

Answer: Vilfredo Pareto

17. In recent years, fans of this art form have flocked to a festival in Pordenone, Italy, to view pristine displays of pre-communist Chinese works, Zionist pieces made in Palestine before Israel was established, and long-lost Russian products of the Tsarist era. It may owe its revived popularity to the renewed practice of showing works at the correct speed, so the subjects don't look like over-wound automata. FTP, name this genre which featured the work of Zasu Pitts, Buster Keaton, Mary Pickford, and Charlie Chaplin.

Answer: Silent films or Silents

18. Members of the division Bryophyta along with the hornworts and liverworts, their name is applied erroneously to a number of plants, including the so-called Irish variety, really a red algae; pond, actually a filamentous algae; reindeer, really a lichen; and Spanish, really a flowering plant. There are two dominant types: true, and sphagnum. FTP, name these plants which do not gather on a rolling stone.

Answer: Moss or Class Musci

19. Also known as Tell al-Muqayyar, this city was founded by Chalcolithic farmers, and grew over a millennium to become the capital of all southern Mesopotamia under such kings as Sargon of Akkad. Abraham was said to have lived there around the 18th century B.C., and its influence was strong as late as the reign of Nebuchadnezzar II in the 6th century B.C. Its two-letter name is also a prefix in German and English meaning "earliest" or "original." FTP, what is this ancient city most famous for its ziggurat?

Answer: Ur

20. After his 1948 first novel, Sometime Never, he focused on the short story with collections like "Kiss Kiss," "Switch Bitch" and "The Wonderful Story of Henry Sugar and Six More." He is best known, however, as a children's writer, displaying his penchant for the comic grotesque in such books as "The Witches," "Revoltin' Rhymes," and "George's Marvellous Medicine." FTP, name this author of James and the Giant Peach, and Charlie and the Chocolate Factory.

Answer: Roald Dahl

Bonuses for 1996 Wahoo War of the Minds Round 5

1. The NHL was founded in 1917, but as of the expansion of 1967, it consisted of only six teams. For 5 points apiece, name them.

Answer: New York Rangers, Boston Bruins, Chicago Black Hawks, Detroit Red Wings, Toronto Maple Leafs, Montreal Canadiens

2. Ignoring constants of integration, integrate the following functions FTP each.

1. $\sin 3x dx$

Answer: $\frac{1}{3}\cos x$ (read one-third cosine x, or cosine x over 2)

2. $\sin 2x dx$

Answer: $\frac{1}{2}x - \frac{1}{4}\sin 2x$ (one-half x - 1-fourth sine 2 x or equivalent)

3. $x \cos x dx$

Answer: $\cos x + x \sin x$

3. FTP each, name these Asian military commanders.

1. This unlucky Japanese admiral directed the Pacific campaign from Pearl Harbor, through Midway, to Guadalcanal before being assassinated by U.S. special forces.

Answer: Isoroku Yamamoto

2. His strategic theories centered on the concept of "protracted warfare," and he set the stage for victory by cultivating rebel cells along the 6000 mile course of a forced retreat.

Answer: Mao Zedong

3. This Vietnamese general under Ho Chi Minh drove out the French at Dien Bien Phu and directed the war against the South and their American allies.

Answer: Giap Vo Nguyen

4. FTP each, name these photographers.

1. After 1940, he concentrated on black and white landscape prints with extremely sharp focus. Works include "Moonrise, Hernandez, New Mexico."

Answer: Ansel Adams

2. She made her name with unflinching documentary photographs of people on society's fringes before committing suicide in Greenwich Village in 1971.

Answer: Diane Arbus

3. His turn-of-the-century photographs of Native Americans, including Chief Joseph of the Nez Perce, were funded by J.P. Morgan.

Answer: Edward S. Curtis

5. The so-called "central dogma" of molecular genetics held that, in all cases, DNA yields RNA which yields proteins. FTP each, answer these questions on exceptions to it.

1. Transcription of RNA to DNA is found in this type of infectious agent.

Answer: Retroviruses

2. Not all DNA in fact codes for protein synthesis; some of it controls biochemical processes directly, most notably in this type of cell, defined by its possession of a clearly defined nucleus.

Answer: Eukaryote

3. Not all proteins are coded for by DNA; these tiniest known infectious agents, composed entirely of proteins, appear to lack any genetic material.

Answer: Prions

6. For 5 points each, give the literary terms from their definitions.

1. A figure of speech in which a personified non-human object is spoken to.

Answer: Apostrophe

2. A book size of about nine and one-half by twelve inches, determined by folding a printed sheet twice.

Answer: Quarto

3. A metrical foot of three syllables, only the first stressed.

Answer: Dactyl

7. FTP each, identify these fictional gods from fantasy literature.

1. In the stories of H.P. Lovecraft, this Great Old One sleeps beneath the waves in R'Lyeh while shoggoths do his bidding.

Answer: Cthulhu (kuh-THOOL-oo)

2. This humorless god of the Cimmerians was worshiped, but seldom prayed to, by Conan the Barbarian in the works of Robert E. Howard.

Answer: Crom

3. In Fritz Leiber's tales of Nehwon, this effeminate, broken-wristed patron of Fafhrd (FAH-furd) in Lankhmar had the jug as his symbol.

Answer: Issek of the Jug

8. For 5 points apiece, given a list of American Indian tribes, tell me the U.S. state which contains reservations including those tribes with population over 500.

1. Seneca, Mohawk
2. Quinalt, Lummi, Snohomish
3. Osage
4. Crow, Blackfeet, Cree
5. Passamaquoddy
6. Ojibwa, Menominee, Oneida

Answer: New York
Answer: Washington
Answer: Oklahoma
Answer: Iowa
Answer: Maine
Answer: Wisconsin

9. Identify these musical terms FTP each.

1. The changing of a pitch of a composition, without change otherwise.
2. Variation of the stress on notes so as to avoid the regular rhythm.
3. A smooth, gradual change from one key to another.

Answer: Transposition
Answer: Syncopation
Answer: Modulation

10. Electromagnetic radiation interacts with matter via four processes. For 10 points each:

1. One is this process in which a photon changes direction and loses part, but not all, of its energy in a collision with an electron.

Answer: Compton or incoherent scattering

2. Name this class of interaction, wherein the photon transfers all its energy to an atomic shell electron, liberating the latter if the energy is large enough.

Answer: Photoelectric effect

3. When the inner shell vacancy created by the photoelectric effect is filled, energy is released which in some cases liberates a second, more outlying electron. What are these liberated electrons called?

Answer: Auger electrons

11. Name these French writers from a bio for 10 points, from a list of works for 5.

1. 10: Taking up poetry over the objections of his wealthy family, he was influenced by Swedenborg, and translated Poe. He later faced condemnation and financial ruin.

5: "Journaux Intimes" and "Les Fleurs du Mal"

Answer: Charles Baudelaire

2. 10: A onetime Franciscan monk, this native of Touraine published various works on archaeology and medicine in Latin, as well as his better known fiction in French.

5: Gargantua and Pantagruel

Answer: Francois Rabelais

3. 10: A prostitute and a burglar, his tenth conviction in 1948 would have sent him to prison for life had not a contingent of famous writers intervened on his behalf.

5: "The Blacks," and "Les Bonnes" or "The Maids"

Answer: Jean Genet

12. Note the following culinary terms: bisque, arugula (a-ROO-guh-la) , framboise (fram-BWOZ), haggis, foie gras (fwah grah), palourde, Chateaubriand, shiitake (shee-TAHK-ay), and sweetbread. Now, for 5 points each, tell which of those terms is described by the following:

1. A pungent leaf for salads
2. A thick cream soup with vegetables or seafood
3. Goose liver
4. Calf thymus
5. Beef tenderloin
6. A raspberry

Answer: arugula
Answer: bisque
Answer: foie gras
Answer: sweetbread
Answer: Chateaubriand
Answer: framboise

13. FTP each, give the titles of these Charles Dickens works from a list of characters.

1. Rachel Wardle, Mr. Winkle, Alfred Jingle, Mr. Snodgrass
2. Wackford Squeers, Madeline Bray, Sir Mulberry Hawk
3. Arthur Clemmon, Mr. Merdle, Monsieur Blandois

Answer: Pickwick Papers
Answer: Nicholas Nickleby
Answer: Little Dorrit

14. In 1054, the Greek Orthodox patriarch of Constantinople sabotaged negotiations between the Pope and the Byzantine Empire. The pope died, and his underlings excommunicated the patriarch, who returned the favor, creating the schism between the Eastern and Western churches. For 15 points each, name the pope and the patriarch.

Answer: Pope Leo IX and Michael Cerularius (or Michael I)

15. The following quotes are from a speech delivered by a former U.S. presidential candidate. Identify him 30-20-10.

30: Destroy our farms and the grass will grow in the streets of every city in the country.

20: The humblest citizen of all the land, when clad in the armor of a righteous cause, is stronger than all the hosts of Error.

10: You shall not press down upon the brow of labor this crown of thorns.

Answer: William Jennings Bryan

16. Identify these chemical elements for 10 points apiece:

1. By weight, it's the most abundant element in the earth's crust.

Answer: Oxygen

2. A steel-gray, brittle solid, it is used with gallium in semiconductor applications.

Answer: Arsenic

3. First isolated from pitchblende, it was named for its discoverer's homeland.

Answer: Polonium

17. FTP each, answer these questions about ancient Meso-America.

1. Rulers of what is now central and southern Mexico in the fifteenth and early sixteenth centuries, they were also called Tenochca and Culhua-Mexica.

Answer: Aztec

2. The Aztecs displaced this other Nahuatl-speaking people, who ruled what is now central Mexico from the tenth to the twelfth century A.D. They were named for their capital, near the present-day city of Tula.

Answer: Toltec

3. The Toltec ascendancy began with the sacking circa 900 A.D. of this ancient city, settled just northeast of present-day Mexico City around 400 B.C. A major metropolis at the time of Christ, its 200 foot high Pyramid of the Sun still stands.

Answer: Téotihuacán

18. Identify the play, 30-20-10.

30: Its minor characters include Varrius, Froth, Abhorson, and Elbow.

20: Major characters include Claudio, Lucio, and Isabella.

10: One of Shakespeare's problem plays, its title comes from a Biblical admonition.

Answer: Measure for Measure

19. FTP each, name these Greek philosophers.

1. His manners and lifestyle earned him the nickname "dog," or "kuon," whence the name of the philosophical school he originated.

Answer: Diogenes of Sinope

2. Possibly a pupil of his fellow Milesian Thales, he was the first to write a book of natural philosophy, in the mid-sixth century B.C.

Answer: Anaximander or Anaximandros

3. Librarian at Alexandria, he fled the persecution of his former student Ptolemy VIII in 145 B.C. He died at Cyprus.

Answer: Aristarchus of Samothrace

20. FTP each, name these historic naval battles.

1. The British main fleet under Jellicoe scored a crucial strategic victory over the Germans in this encounter on May 31, 1916.

Answer: Jutland

2. A Spanish and Italian fleet under the command of Don Juan defeated an Ottoman fleet at this 1571 battle.

Answer: Lepanto

3. Fought in October 1944 between the main fleet of Japan and the Third and Seventh fleets of the United States, it was the biggest naval battle in history in terms of area covered and combined fleet size.

Answer: Leyte Gulf