

9/26/99

**1996 ACF Nationals
Questions by ACFNTC #2A**

1. His grandson was a reformer who founded the New York Society For The Prevention Of Cruelty To Children in 1875. During the Constitutional Convention in 1787, he opposed a strong central government. Twice elected governor of Massachusetts, he was elected as James Madison's vice-president in 1804. FTP, identify this man most known for the rearrangement of election districts in the 1811 Massachusetts gubernatorial election.

Answer: Elbridge Gerry

2. In 1783 the peculiar variable nebula which bears this man's name was discovered by William Herschel around the star R Monocerotis. He studied the shifts in spectral lines, variable stars, the speed of galaxies and produced a classification scheme for them. For 10 points, identify this man whose law states the linear relation between the velocity of recession of an object and its distance from earth.

Answer: Edwin P. Hubble

3. His wicked son Phinehas' wife named her son "Ichabod", derived from the Hebrew for, "Alas the Glory" in grief over the capture of the Ark of the Covenant. He fell dead at the battle of Aphek upon learning of the wickedness of not only Phinehas but his brother Hophni as well. For 10 points, identify this priest at Shiloh during the time of the Judges.

Answer: Eli

4. This composer's first opera was Sarka, and he was influenced by the harmonic and melodic qualities of the folk songs that he had collected in Moravia. He wrote the Glagolitic Mass, which refers to a dead alphabet that has nationalist connotations in Czechoslovakia. FTP, name this composer who attempted to echo the patterns of Czech speech in such operas as The Makropulos Affair, From the House of the Dead, and The Cunning Little Vixen.

Answer: Leos Janacek

5. It includes "The Revolutionist", "Out of Season", "Cross-Country Snow", "Indian Camp", "My Old Man", "On the Quai at Smyrna", "Mr. and Mrs. Elliot", "Cat in the Rain", "Soldier's Home", "The Three-Day Blow", "The End of Something", "The Battler", and "Big Two-Hearted River". FTP, name this collection of Hemingway stories centered on Nick Adams, his first collection published in America.

Answer: In Our Time (prompt on "Nick Adams Stories")

6. Eisenhower and Churchill meet in Washington and sign the Potomac charter, Theodor Heuss is elected president of West Germany, the US and Canada agree to build the DEW line for early warning if nuclear attack, SEATO is formed, Dienbienphu is taken by the Vietnamese, Senator Joseph McCarthy is censured and condemned by the Senate, and the Supreme Court declares segregation in public schools unconstitutional. For 10 points, in what year did all these events occur?

Answer: 1954

7. His "Mathematical Collection", a guide for reading the original works of Greek geometers is the main and sometimes only source of knowledge of works by Eudlid and Apollonius of Perga. For 10 points, identify this early 4th century Alexandrian mathematician whose theorem states that the volume of a solid of revolution, formed by revolving a plane set about a line in its plane, is equal to the product of the area of the generating set times the circumference of the circle described by the centroid of the set.

Answer: Pappus

8. The name's the same: the daughter of Nisus who cuts off a lock of his hair, which renders him vulnerable again and allows Minos to conquer Nisus' city of Megara; and a sister of the Graiae and Gorgons who Circe transformed into a monster with 12 feet, 6 heads, and loins girt with the heads of baying dogs. FTP, give the name of this monster who was placed opposite another sister of hers, Charybdis.

Answer: Scylla

9. This proponent of creative evolution and vegetarianism, ~~he~~ authored The Intelligent Woman's Guide to Socialism and Capitalism. After five unsuccessful socialist novels, William Archer convinced this author to turn to plays, a first collection of which is Plays, Pleasant and Unpleasant. When this collection was published, none of the plays had yet been performed in England. FTP, name this iconoclast whose pleasant and unpleasant plays include Mrs. Warren's Profession, Candida, and Arms and the Man.

Answer: George Bernard Shaw

10. The pH indicator litmus is derived from this group of plant-like organisms. Dual organisms in symbiosis, they are comprised of algae (the phycobiont) and fungae (the mycobiont). FTP, name these hardy pioneers which comprise the bulk of vegetation on the Antarctic continent and which grow on rock faces throughout the world.

Answer: Lichen

11. In August 1819, a meeting of approximately 60,000 people was held in Manchester. The crowd was unarmed and included many women and children. Their aims were annual parliaments, university suffrage, and "liberty or death". The magistrates panicked and ordered the militia in to arrest the speakers. They charged with drawn sabers, resulting in pandemonium. Several people died and hundreds were wounded. FTP, name this events given its name from St. Peter's Field and the subject of a Shelley poem.

Answer: Peterloo Massacre

12. Martinez Ruiz, Marquina, Jimenez, Perez de Ayala, and Unamuno were some of the members of this group urging the betterment of Spanish life through education and anti-clericism. A literary movement, it espoused a simplicity of style, a contempt for patterns, and the adoption and use of non-Spanish themes. FTP, identify this group whose name reflects their origins after the date of the Spanish-American War.

Answer: Generation of 98

13. In 1895, the renowned physicist Lord Rayleigh called on this man's assistance to explain his discovery that nitrogen extracted from the air differed slightly in weight from that produced by reactions. This chemist eventually solved the problem by isolating argon from the atmosphere in 1895. FTP, name this man who followed that discovery by isolating helium and the rest of the noble gases - a feat which won him the 1904 Nobel Prize for Chemistry.

Answer: William Ramsay

14. She studied acting under Max Reinhardt and made her film debut in 1923's *The Little Napoleon*. She had numerous affairs, despite remaining married to the same man her whole life; among her lovers were Douglas Fairbanks, Jr. and Erich Maria Remarque. She was discovered singing in a Berlin nightclub by Josef von Sternberg, who cast her as Lola Lola in *The Blue Angel*. FTP, identify this famous German actress, who also starred in *Blonde Venus* and *Destry Rides Again*.

Answer: Marlene Dietrich

15. From Alfred, Lord Tennyson's poem "Tithonus", he took the title of "After Many a Summer Dies the Swan", the story of a California Oil Magnate. His early novels are witty, despairing evocations of society in the 1920s and include *Antic Hay*, *Those Barren Leaves*, and *Chrome Yellow*. For 10 points, identify this British novelist best known for his futuristic *Brave New World*.

Answer: Aldous Huxley

16. In the important biological molecule NADH, this compound is represented by the "A". In the genetic code, it is the first nucleotide in the "start" codon for methionine. For 10 points, identify this compound that has a nitrogen and hydrogen atom available to allow it to form a DNA base pair with thymine.

Answer: adenine

17. Among the innovations of its members were dishwashers and machines for paring apples, but more significantly was the invention by Sewell Newhouse of the Newhouse trap, which was its principal enterprise after 1860. Established in 1848 by John Humphrey Noyes, they were sometimes called "Bible Communists and perfectionists". FTP, name this Christian socialist society that in 1881 was reorganized into a joint-stock company that exists today as a manufacturer of silverware.

Answer: Oneida community

18. In 1905, he painted a picture of his wife with a green stripe down the center of her face. He worked as a law clerk before he began to study art. In 1892, he entered the atelier of Gustave Moreau whose adventurous experiments with color and symbolism influenced the young artist. FTP identify this painter of *Woman with a Red Chair* and the *Conversation* best known as the leader of the Fauves.

Answer: Henri Matisse

19. Its highest point is located in the Barisan range, and it contains rich ore deposits. Compared to its eastern neighbor, this island is sparse in population, with its largest city located at Medan. FTP, name this island which is separated by the Strait of Malacca from the Malay Peninsula and by the Sunda Strait from Java.

Answer: Sumatra

20. This philosopher committed one of the most frequently ridiculed gaffs in the history of modern philosophy when he argued that a certain mechanism in the pineal gland mediates the intercourse between the body and the mind. Not everything he did was so bad, though: For instance, he formulated a principle of inertia which was virtually copied by Newton. His writings include *The Passions of the Soul*, *Rules for the Direction of the Mind*, and *Principles of Philosophy*. For ten points, name this Frenchman who is credited with founding modern Rationalism.

Answer: Rene Descartes

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1. For this world history bonus, I bring you the oft-ignored country of Canada.

Answer the following for ten points each.

1. In 1837, this rebel leader couldn't take Toronto, but could take an island in the Niagara, precipitating the Caroline Affair.

Answer: William Lyon Mackenzie

2. This 1869-70 rebellion centered around Fort Garry (the future village of Winnipeg) was led by half-breed Louis Riel.

Answer: Red River Rebellion

3. This province of Canada was its own dominion until 1933, when debt forced it to crown colony status. Joey Smallwood led its union with Canada in the 1940s.

Answer: Newfoundland

2. Given a brief description, name the programming language.

10 pts each

1. It was named for the first programmer in history and is widely used by the defense department.

Answer: Ada

2. A completely object-oriented language, flavors of it include VisualWorks, X, and 80.

Answer: Smalltalk

3. Based on Lambda Calculus, this language uses a functional paradigm and a whole lot of parentheses.

Answer: Lisp

3. Answer the following about the ~~reign of~~ Henry VIII for ten points each.

1. This 1534 act may be considered the beginning of the English Reformation.

Answer: Act of Supremacy

2. In 1520, Henry held a summit with Francis I at this site near Calais.

Answer: Field of the Cloth of Gold

3. For 5 points each, name any two of the three actors who were nominated for Oscars for portraying Henry VIII.

Answer: Charles Laughton, Robert Shaw, Richard Burton

4. Identify the following British authors from a brief description.

1. Born in 1785, this satirical novelist and poet wrote Headlong Hall, Nightmare Abbey, and Crotchet Castle.

Answer: Thomas Love Peacock

2. Regarded as a link between Richardson and Austen in the history of the novel, she wrote Cecilia and Evelina.

Answer: Fanny Burney

3. This son-in-law of Thomas Love Peacock wrote The Ordeal of Richard Feverel, Modern Love, and The Egoist.

Answer: George Meredith

5. Answer the following questions about world religions for the stated number of points.

1. For five points each, name the two books, which along with commentaries, make up the Talmud.

Answer: Mishnah and Gemara

2. For ten points, this book of 81 paragraphs is attributed to Lao Tzu.

Answer: Tao Te Ching (T pronounced as D)

3. For ten points, name any one of the three books compiled between the 8th and 10th centuries which set down the principles of Shinto.

Answer: Kojiki, Nihongi, or Yengishiki

6. Identify these geographical features of Scotland for 10 points each.

1. the capital, Edinburgh, is on this firth.

Answer: Firth of Forth

2. Glasgow lies on this river.

Answer: Clyde

3. This island is the largest of the Inner Hebrides and has its capital at Portree

Answer: Isle of Skye

7. Identify the enzymes from description, for 10 points apiece.

1. This proteinase enzyme is secreted in the pancreas as an inactive zymogen, and is activated by enterokinase.

Answer: trypsin

2. This is a general term for an enzyme which catalyzes the replication and repair of nucleic acids.

Answer: polymerase

3. This is any enzyme which catalyzes the transfer of phosphates from a nucleoside triphosphate, for example ATP, to another substrate.

Answer: kinase

8. Identify these political party offshoots of the 1830s and 1840s for 10 points each.

1. An urban, radical wing of Jacksonian Democrats, their name comes from the self-igniting friction matches they used to light candles at Tammany Hall in 1835 when the Tammany stalwarts turned off the gas lamps to get them to leave.

Answer: Loco-Focos

2. In alliance with the Loco-Focos was this radical wing of New York Democrats led by Martin Van Buren; because of their uncompromising determination, they were named after a Dutch farmer's peculiar type of rat control.

Answer: Barnburners

9. Identify these philosophers for the stated number of points.

1. 5 pts: he wrote On Liberty, System of Logic, and 1863's Utilitarianism

Answer: John Stuart Mill

2. 10 pts: this author of New Essays on the Human Understanding and Theodicy gave us the idea of the "monad".

Answer: Gottfried Wilhelm Leibnitz

3. 15 pts: told to write out his philosophy for the benefit of the Pope, this "Doctor Mirabilis" cranked out Opus Magnus, Opus Minus, and Opus Tertium with grant-writing speed.

Answer: Roger Bacon

10. Identify these 20th century artists, for ten points each.

1. He originally worked in surrealism before devising in 1947 his technique of "action painting".

Answer: Jackson Pollack

2. In the 1950s, he abandoned all suggestions of form in favor of two or three superimposed rectangular shapes with cloudy edges, as in his 1957 work White and Greens in Blue.

Answer: Mark Rothko

3. He took ordinary objects and made 3D representations, and sometimes parodied Dali, as in 1963's Soft Typewriter.

Answer: Claes Oldenburg

11. Identify these women of 20th century politics for 15 points each.

1. Daughter of a Confederate officer, she became a Christian Scientist in 1914 and then took her husband's spot as the first sitting female Member of Parliament in Britain in 1919.

Answer: Nancy Lady Astor (who was not the first elected female MP)

2. Give the real name or nickname of this Communist who helped organize the Popular Front government in Spain in 1936, and who proclaimed of Franco's forces, "They shall not pass!"

Answer: Dolores Ibarruri Gomez or La Pasionaria

12. For ten points each, identify the Vedic or Hindu deity, given a description.

1. He is the major Vedic god, a swaggering warrior who rides the solar chariot and wields the thunderbolt. He is also the storm god.

Answer: Indra

2. This Vedic god is a liberator and represents the principle of life. As such, it is not surprising that his name also represented a narcotic plant.

Answer: Soma

3. From the Sanskrit for "lord of the world" this idol at Puri represents one of the forms of Krishna and supposedly contains the bones and ashes of Krishna.

Answer: Juggernaut or Jagannath

13. Answer the following questions about the Snopes trilogy for the stated number of points.

1. 5 pts: Who wrote the trilogy?

Answer: William Faulkner

2. 10 pts: In the novel, "The Hamlet" what is the name of the hamlet?

Answer: Frenchman's Bend.

3. 10 pts: In the novel, "The Town", what is the name of the town?

Answer: Jefferson

4. 5 pts: Which member of the Snopes clan owns the mansion of the title of the third book?

Answer: Flem

14. Identify these things from the world of physics for ten points each.

1. As envisioned by Nambu in 1970 and others since, they are 10^{-35} meters in length and vibrate, with vibrational modes corresponding to particle states.

Answer: strings

2. Like the positron, it is predicted by Dirac's relativistic wave equation, but unlike the positron, it has yet to be discovered.

Answer: magnetic monopole

3. These laws of electric currents state that the sum of currents flowing into a node equals the sum flowing out, and that the sum of voltage rises equals the sum of voltage drops.

Answer: Kirchhoff's Laws

15. Answer these questions on 1920s U.S. history for the stated number of points.

1. 5 pts: This Attorney General under Wilson led raids beginning in late 1919 on suspected Communist agitators the so-called "Red Scare".

Answer: A. Mitchell Palmer

2. 10 pts: This California oil field was secretly leased by Secretary of the Interior Albert Fall to Edward Doheny.

Answer: Elk Hills

3. 5 pts: This Plan of 1924 proposed a method to stabilize German currency and created a revised schedule for reparation payments.

Answer: Dawes Plan

4. 10 pts: In 1925 this man became trapped in a cave in Kentucky and a radio reporter lowered a microphone to him, thus making him the first "media event" in American history. Name this man who is now the subject of a musical.

Answer: Floyd Collins

16. Given works, identify these composers from works for the stated number of points.

1. 5 pts: Trout Quintet

Answer: Franz Schubert

3. 10 pts: Symphony No. 3, Rhenish

Answer: Robert Schumann

5. 5 pts: Samson et Dalila, and Carnaval des Animaux. Answer: Camille Saint-Saens

6. 10 pts: Gymnopedies and Socrate.

Answer: Erik Satie

17. 30-20-10 identify the author from works.

1. 30 pts: Her novel She Came to Stay describes the destruction of a couple's relationship brought on by a young girl's extended stay in their home.

2. Her novel The Mandarins chronicles the attempts of post-World War II intellectuals to be less like mandarins (educated elitists) and more politically active.

3. 10 pts: Her most famous work is 1949's The Second Sex.

Answer: Simone de Beauvoir

18. Identify these political thinkers, for ten points each.

1. This founder of the Italian Communist Party wrote The Prison Notebooks.

Answer: Antonio Gramsci

2. Amongst other works of his are The Poverty of Philosophy, Theories of Surplus Value, and The Eighteenth Brumaire of Louis Bonaparte.

Answer: Karl Marx

3. This French theorist wrote What is Property? in which he condemned the abuses of concentrated economic power and private property. He is often regarded as the father of modern anarchism.

Answer: Pierre Joseph Proudhon

19. Identify these things which may or may not have anything to do with one another, for ten points each.

1. It comes in magnesian, dolomitic, and high-calcium varieties; examples of the latter are aragonite and calcite.

Answer: limestone or calcium carbonate

2. This is the word denoting the study of lakes.

Answer: limnology

3. A special case of the Cartesian oval, it is also known as Pascal's snail.

Answer: limacon

20. Identify the American authors who wrote the following screenplays for 10 points, given a second clue for 5 points.

1. 10 pts: He wrote the screenplay for Gentleman's Agreement

5 pts: With George S. Kaufman, he co-wrote The Man Who Came to Dinner and You Can't Take It With You.

Answer: Moss Hart

2. 10 pts: Though 9 of his works have been filmed, he wrote only one original screenplay, Baby Doll.

5 pts: His other works include Summer and Smoke and Sweet Bird of Youth.

Answer: Tennessee Williams

3. 10 pts: He wrote the screenplay for The Misfits.

5 pts: His other works include After the Fall and All My Sons

Answer: Arthur Miller