

1996 ACF Nationals
Questions by Michigan II

1. She married Amphion, king of Thebes and bore him a dozen children. She boasted that these were superior to the children of Leto, and Apollo and Artemis killed all but two of them to avenge their slighted mother. For 10 points, name this daughter of Tantalus who was turned to stone on Mt Sipylus by Lydia, where she went on weeping for her lost children.

Answer: Niobe

2. In this period, North America straddled the equator and ocean waters filled what is now the Midwest. During this time 438 to 408 million years ago, trilobites ruled life in the oceans, but millipedes and mosses struck out for land. The Niagara Escarpment, a dolomite series of bedrock stretching from New York to Wisconsin, was formed in this time, as was the salt deposits of Detroit, and limestone deposits near Chicago. For 10 points, give the name of third period of the Paleozoic era, named for a barbaric Welsh tribe.

Answer: Silurian

3. This Russian dramatist and writer was born Aleksei Maksimovich Peshkov in 1868. In his sketches and stories, he championed the worker and peasants. For 10 points, name this writer of the plays Yegor Bulichev, The Enemies, and The Lower Depths.

Answer: Maxim Gorki

4. This phrase describes an economic scenario in which scarcity of resources is not the predominant condition, and a high level of prosperity is achieved by most members of society. The priorities of conventional economic theory are therefore misplaced, because private sector production becomes overemphasized, and public sector infrastructure and institutions are neglected as a result, such as roads being incapable of handling the massive influx of new automobiles after World War II. For 10 points, what is this term, coined by John Kenneth Galbraith in his 1958 book of the same name?

Answer: (the) affluent society

5. A man named Eisenstein puts off going to jail for one night to attend a masked ball. While there, his wife Rosalinda flirts with him and steals his watch. The suave tenor and ex-boyfriend, Alfredo, serenades Rosalinda. He follows her home, only to be mistaken for the missing Eisenstein by the local authorities, and is thrown in jail in his place. For 10 points, name this classic chiropterotic operetta by Johann Strauss Jr featured by the Met on New Year's Eve.

Answer: Die Fleidermaus or The Bat

6. It lies in western Asia and is fed by the Syr Darya and Amu Darya rivers. Historically the world's fourth largest body of inland water, it has shrunk greatly over recent years due to the diversion of upstream waters for agriculture. For 10 points, name this salty lake, east of the Caspian Sea, straddling the border between Uzbekistan and Kazakhstan.

Answer: Aral Sea

7. His first novel, Life and the Sun, is the story of a young man who returns home in midsummer and falls in love. Other works include Fallen Asleep, Way of a Man, and Meek Heritage which was inspired by the author's horror at the Finnish civil war in 1918. For 10 points, identify this man who in 1939 became the first Finn to win the Nobel Prize in Literature.

Answer: Frans Silanpaa

8. Meaning different shape, this term refers to certain enzymes that consist of a catalytic subunit and a regulatory subunit. The catalytic subunit is the site of substrate binding, whereas the regulatory subunit binds molecules called effectors. Binding of effectors alters the shape of the enzyme so as to render it inactive. For 10 points, identify this class of enzymes.

Answer: allosteric enzymes

9. She was the daughter of a Utopian socialist and a member of an entire family of painters. Before making sketches of horses for her most famous painting, The Horse Fair, she received legal authorization to dress as a man to attend the Paris horse market. She also performed dissections in a slaughter house to better study the animals she would become famous for painting. For 10 points, name this 19th century French painter, and member of the Legion d'Honneur.

Answer: Rosa Bonheur

10. A prolific inventor who was granted more than 300 patents in the fields of wireless telegraphy, radio, sound-on-film, and other areas, by introducing a third electrode into the standard electron tube, he created the triode or Audion tube. FTP identify this American electronics pioneer whose devices were important in the development of television.

Answer: Lee De Forest

11. After completing residential designs in Norfolk and the State Penitentiary in Richmond, he moved to Philadelphia where he won the competition for the Bank of Pennsylvania - a design which initiated the Greek Revival movement in the United States. For 10 points, identify this designer of the Baltimore Cathedral who in 1803 was appointed to design the US Capitol by Thomas Jefferson.

Answer: Benjamin Henry Latrobe

12. Inspired by McCarthyist fears of Communism, this law was passed in 1951, over President Truman's veto. It required the registration of all Communist organizations and individuals, prohibited the employment of Communists in defense industries, and barred the entry into the United States of anyone who belonged to a Communist or fascist organization. For 10 points, name this law, rendered ineffective when the Supreme Court ruled in 1965 that one could refuse to admit to being a Communist under the Fifth Amendment.

Answer: McCarran Act or Internal Security Act (do not accept "McCarran-Walter Act," as it is a separate law.)

13. Subranges include the Ligurian, Calabrian, Abruzzi and Umbrian. They give rise to the Arno, Volturno and Tiber rivers and notable peaks include Monte Vettore, Monte Pollino and Monte Corno. They are crossed by many passes and tunnels, including the 5 mile long Giovi rail tunnel linking Genoa and Milan. For 10 points, name this mountain range, running in a great curve down the peninsula of Italy.

Answer: Apennines or Appennino

14. His great-grandfather signed the Declaration of Independence. His grandfather fought in the war of 1812, capturing Detroit in 1813. He himself served served in the Civil War, afterwards returning to his law practice in Indianapolis. For 10 points, name this man, one term senator, and 23rd President of the United States.

Answer: Benjamin Harrison

15. Although credited with many other Old English poems, his sole surviving work is probably Hymn to Creation. According to Bede, he was an illiterate herdsman of Whitby Abbey, who was commanded in a vision to turn scriptures into poetry. For 10 points, name this earliest English poet.

Answer: Caedmon

16. These representations arose from the need of chemists to represent three-dimensional molecules on two-dimensional surfaces, such as paper. They consist of intersecting lines, representing the asymmetric centers of the molecule, and the functional groups bonded to those centers. Particularly useful in describing molecules with many points of asymmetry, they are often used to represent biologically important molecules, especially sugars. For 10 points, what are these structural representations, named for the German chemist who developed the convention?

Answer: Fischer projection formulas

17. They are each specified by a finite alphabet, a finite set of internal states, and a transition function mapping state-symbol pairs to state-action pairs. They were first defined in the 1930s by a Cambridge mathematician to give a formal definition of the concept of algorithm. For 10 points, name these mathematically idealized computers, named after their creator, who later helped crack the German Enigma code.

Answer: Turing machines

18. This American novelist was born Edith Newbold Jones in New York City in 1862. Her work ranged from the Mountain Villages of Northern England to Battlefields in World War II and lesser known works include The Valley of Decision and The Greater Inclination. For 10 points name this author of The Custom of the Country, who won the Pulitzer Prize in 1921 for Age of Innocence.

Answer: Edith Wharton

19. She was killed by her son, whom she had forced into a sexual relationship, in an ambush in Oklahoma in 1889. She also liked to whip horses, rustle cattle, and starred in a Wild West revue when she wasn't serving time. For 10 points, name this Petticoat Terror, born as Myra Shirley in 1848.

Answer: Belle Starr

20. He served as a secretary in Cambrai, eventually leaving for Paris to learn Greek, then travelling for several years where he met and made friends with such learned people as Sir Thomas More. Eventually, he returned to Louvain, but fled for southern Germany after the Reformation started and died in Basle. For 10 points, name this thinker and theologian, author of Antibarbari, Adagia, a Greek translation of the New Testament, and In Praise of Folly.

Answer: Desiderius Erasmus

21. "Wanted: Young, skinny, wiry fellows not over eighteen. Must be expert riders, willing to risk death daily. Orphans preferred." Such was an early advertisement for this service, established in 1860 between Missouri and California, and which employed the likes of Buffalo Bill Cody and Wild Bill Hickok until it was replaced by a telegraph line. For 10 points, name it.

Answer: The Pony Express

22. In psychoanalysis, this term refers to the demand by the id that an instinctive need, usually sexual or aggressive, be gratified, regardless of the social consequences. According to Freud, the id is totally dominated by this concept, but the interaction of the ego and superego with the id helps to regulate the id's demands, resulting in the various subconscious defense mechanisms. For 10 points, give this two-word term.

Answer: pleasure principle

23. It became a duchy in 1006 and originally called Lower Lotharingi. and granted freedom from foreign jurisdictions in the Golden Bull of 1349. It united with Limburg, Luxemburg, and Burgundy between 1355 and 1430, only to be divided into North and South in 1648. For 10 points, name this province, a center of industry and culture, the second largest in The Netherlands.

Answer: Brabant

24. "Yea, though I walk through the valley of the shadow of death, I will fear no evil: for thou art with me; thy rod and thy staff they comfort me./ Thou preparest a table before me in the presence of mine enemies: thou annointest my head with oil; my cup runneth over." So runs part of what chapter of which book of the Old Testament?

Answer: Psalms 23

25. Born John Wilson in 1917, this English novelist lived in Malaya from 1954-9 which was the setting for a trilogy, Time for a tiger. For 10 points, name this author of Man of Nazareth, Earthly Powers, and A Clockwork Orange.

Answer: Anthony Burgess

26. This American poet was born in 1902 in Rye, New York. He collaborating with Kurt Weill, he wrote lyrics for One Touch of Venus in 1943. For 10 points, name this poet whose volumes of poetry include Free Wheeling, The Face is Familiar, and You Can't Get There From Here.

Answer: Ogden Nash

This Austrian lyrical poet and translator lived from 1875 to 1926. His first cycle of poems, The Book of the Hour, was inspired by his visits to Russia. For 10 points, name this poet whose New Poems showed the influence of Rodin, who is famous for writing Sonnets to Orpheus.

Answer: Rainer Maria Rilke

The name sounds the same—2 answers required. One is the enfant terrible of the opera world, creating a controversial Mozart trilogy in grungy New York City, complete with food by McDonalds. The other was a brilliant actor of tv and film whose roles include a politico, a torrid pianist, a timid President, and a clutzy Indian actor. For 10 points, give the shared name.

Answer: Peter Sellers/Sellars

This document was an attempt to apply traditional Roman Catholic views to the societal changes brought about by the Industrial Revolution. It stated that society originated in the family, that private property was a natural right and that socialism infringed on this right, that every worker was entitled to a "just wage" that permitted "frugal comfort," and that the place of women was in the home. For ten points, give the name of this encyclical, issued by Pope Leo XIII in 1891.

Answer: Rerum Novarum

When escaping through a porous plug, a gas obeying Boyle's law and Joule's law will not undergo any change in temperature. Actual gases, however, are not "perfect", and will typically cool when allowed to freely expand, even though not doing any external work. For 19 points, what name is given to this phenomenon, exploited in the liquification of air?

Answer: Joule-Thomson effect

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1. Identify the composers of the following numerical works for 10 points each.

1. Four Saints in Three Acts Answer: Vergil Thomson
2. The Three Cornered Hat Answer: Manuel de Falla
3. The Three-Penny Opera Answer: Kurt Weill

2. Medieval Burgundy had its heyday under 4 dukes who ruled from the late 1380s to 1477, when the last male heir in this line was killed in battle. All the dukes were given sobriquets to identify them, instead of using their surname, Valois. For 10 points each, name any three of the 4 dukes, including the sobriquet, in either English or French:

Answer: Phillip the Bold (or Philippe le Hardi), John the Fearless (or Jean sans Peur), Phillip the Good (or Philippe le Bon), and Charles the Bold (or Charles le Hardi) Moderator: For Phillip le Bon, also accept Phillip the Fair.

3. For five points each, given a quote, give the book in which it appears in the Bible. ✕ x ✕

1. There were giants in the world in those days.

Answer: Genesis

2. He that spareth his rod, hateth his son.

Answer: Proverbs

3. I am escaped with the skin of my teeth.

Answer: Job

4. I am alpha and omega, the beginning and the ending, saith the Lord.

Answer: Revelations

5. Vanity of vanities saith the Preacher, vanity of vanities, all is vanity.

Answer: Ecclesiastes

6. The love of money is the root of all evil.

Answer: 1st Timothy

4. There's a long list of deserving actors and films that never got an Oscar. Name some of my snubbed favorites, after the clues, for 10 points each.

1. This handsome actor didn't win for any of his films, in spite of his talent and range of characters, including a reluctantly-divorcing husband, an Army man in drag, or as a paleontologist.

Answer: Cary Grant

2. This bad girl, was nominated 4 times but only received a Lifetime Achievement Award. Her most famous roles include a stripper named Sugarpuss O'Shea in Ball of Fire and evil Phyllis Dietrichson.

Answer: Barbara Stanwyck

3. This film is the favorite of Geraldo Rivera, but I still like it. Based on a real case in the 1950s, this courtroom drama shows a culture clash between the Upper and Lower Peninsulas. In the end, Jimmy Stewart (and the audience) still don't know if Ben Gazarra was innocent. The film has great music by Duke Ellington, with a cameo of him playing at the Mount Shasta Lounge.

Answer: Anatomy of a Murder

5. Amino acids aren't just for bodybuilding, but are an essential part of our diet. Answer these questions about amino acid requirements for humans for the stated number of points.

1. 10 pts: Humans can synthesize many of the 20 amino acids, but, within one, how many amino acids must humans obtain from their diet? ✕ x ✕

Answer: 8 (accept 7-9)

2. 20 pts: For 5 points each, give any 4 of the 8 essential amino acids. ✓

Answer: isoleucine, leucine, lysine, methionine, phenylalanine, threonine, tryptophan, valine ✓

6. Name these bodies of water for 10 points each.

1. This passage connects the Atlantic to the Gulf of Mexico, and also serves to separate Florida from Cuba.

Answer: Straits of Florida or Florida Straits

2. This passage lies between Tierra del Fuego and Antarctica

Answer: Drake Passage

3. This broad arm of the North sea lies to the north of the Kattegat, which separates Jutland from Sweden. To its north lies the entrance to the Oslofjord [fyord], and to its south Denmark. It is crossed by ferries connecting towns of northern Denmark with such Norwegian ports as Kristiansand and Arendal.

Answer: Skagerrak or Skagerak

7. Given a functional group, give the class of organic compounds for 10 points each

1. An oxygen atom bonded to two carbon atoms

Answer: ethers

2. A carbon atom double bonded to an oxygen atom and also bonded to a hydroxyl group

Answer: carboxylic acids

3. A carbon atom triple bonded to a nitrogen atom

Answer: nitriles or cyanide

8. Answer these questions about the Titans, ten points each.

1. The father of the Titans was Uranus, but who was their mother?

Answer: Ge or Gaea

2. This Titan slept with Zeus and gave birth to the Muses. She was the personification of memory.

Answer: Mnemosyne

3. Family life was hard for this sister and wife of Cronus, as he ate their children as they were born, to prevent them from overthrowing him. She hid Poseidon in a flock of lambs and fed her apparently gastronomically challenged husband a horse instead. Name this mother of Zeus, who she saved by sending to Crete.

Answer: Rhea

9. Freedom of the press was as important an issue in colonial America as it is today. Answer these questions about a landmark early American trial involving freedom of the press, 5-10-15.

1. 5 pts: Name this newspaper publisher, tried for libel in 1735, who was acquitted on the grounds that the charges he printed were true, and therefore not libelous.

Answer: John Peter Zenger

2. 10 pts: Now name the colony, later a state, in which John Peter Zenger published.

Answer: New York

3. 15 pts: Now give the name of John Peter Zenger's newspaper, begun in 1733.

Answer: New York Weekly Journal

10. Name the following French authors given a brief description, for 10 points each.

1. French poet and critic who contributed to reviews and translated Edgar Allen Poe. Published Les Fleurs Du Mal.

Answer: Charles Baudelaire

2. Trained as a lawyer, he abandoned law and joined an amateur dramatic group. His first important work was The Blunderer.

Answer: Moliere

3. This prolific French satirist wrote The Devil Upon Two Sticks and The Adventures of Gil Blas.

Answer: Alain-Rene Le Sage or Lesage

11. Answer the following questions about leptons.

1. For 5 points, there are 12 leptons, three heavy particles with corresponding anti-particles. The remaining six particles correspond to each of the 6 heavier particles. What name do all these particles have in common?

Answer: neutrinos

2. For 5 points each, name the three normal matter "heavy" leptons.

Answer: muon, taon, electron ✓

3. For 10 points all or nothing, place the muon, taon, and electron in order from lightest to heaviest rest mass.

Answer: electron, muon, taon

12. Name the female artists, for 15 points each:

1. This photojournalist logged 17,000 miles on her car in one summer alone working for the USDA in the 1930s. She published her Depression-Era photos taken for the Farm Security Administration in a book entitled An American Exodus: A Record of Human Erosion.

Answer: Dorothea Lange

2. This contemporary feminist painter, printmaker, and sculptor conceived, and helped create (along with 300 others) The Dinner Party, which celebrates the feats of 39 historical women at an enormous triangular table.

Answer: Judy Chicago

13. After the death of the emperor Nero, the Roman Empire experienced a year of turbulence not seen since the ascendancy of Augustus. Answer these questions about the year of the four emperors for the stated number of points.

1. 10 pts: What year was the "year of the four emperors?"

Answer: AD 69 (accept 69)

2. 20 points: For 5 points each, name each of the four emperors who ruled during that year.

Answer: Galba, Otho, Vitellius, Vespasian

14. Name the English writers who wrote the following works, for 5 points each.

1. Sir Charles Grandison Answer: Samuel Richardson ✗
2. Joseph Andrews Answer: Henry Fielding ✓
3. Barchester Towers Answer: Anthony Trollope ✓
4. Lodore Answer: Mary Shelley ✗
5. Castle of Otranto Answer: Horace Walpole ✗
6. Rienzi Answer: Edward Bulwer-Lytton or Lord Lytton ✗

15. Name the American President, 30-20-10-5:

1. He was born in Charles City County, Virginia, and lived at Sherwood Forest and is buried next to James Monroe in Richmond.
2. This graduate of William and Mary was the first to be threatened with impeachment, and to remarry while in office.
3. The time span between the birth of his first child and the death of his last is an incredible 131 years not suprising, considering he fathered 15 children, the most of any US President.
4. He succeeded William Henry Harrison as president.

Answer: John Tyler

16. Name the Scandanavian writer, for 10 points each.

1. This Norweigian novelist wrote The Faithful Wife, Madam Dorothea, and Return to the Future.

Answer: Sigrid Undset

2. This Norweigian playwright's dramas have complex individuals in conflict with the bourgeois institution. He wrote Brand and When We Dead Awaken.

Answer: Henrik Ibsen

3. This Norwegian novelist wrote The Sybil and The Dwarf.

Answer: Par Lagerkvist

17. Name the American, 30-20-10

1. He was given the rank "General of the Armies" by Congress, making him the first since George Washington to hold that rank.
2. The statement, "Lafayette, we are here," spoken on the arrival of American soldiers in France during World War I, is sometimes attributed to him.
3. Most noted for his expeditions into Mexico to capture Pancho Villa, he was nicknamed "Black Jack" for once having commanded an all-black unit of soldiers.

Answer: John J. Pershing

18. Place the following events in historical order, from earliest to latest, for 5 points each. They are: The Dominion of Canada is formed; Queen Victoria dies; the Eiffel tower is built; Franco-Prussian war is fought; the first modern Olympics are held; the Russo-Japanese War begins.

Answer: Dominion of Canada formed (1867); Franco Prussian war is fought (1870) Eiffel tower built (1889); first modern Olympics (1896); Death of Victoria (1901); Russo-Japanese War begins (1904)

19. Name the following U.S. authors, 10 points on the first clue, and 5 on the second.

1. 10 pts: Founder and first president of National Organization for Women
5 pts: Her book, The Feminine Mystique, prompted women to examine their roles in society

Answer: Betty Friedan

2. 10 pts: U.S. author who was born in 1924 in England. He worked as a film director, writer, and producer when he moved to the U.S. in 1953

- 5 pts: He wrote King Rat and Taipan

Answer: James Clavell

3. 10 pts: He worked as a lawyer and wrote biographies of Vachel Lindsay and Walt Whitman

- 5 pts: He wrote The Spoon River Anthology

Answer: Edgar Lee Masters

20. The Niger is an important river of trade and communication in West Africa running through, or along the border of, 5 countries on its arcing 2600 mile journey to the sea. For 5 points each, and a bonus 5 for all correct, name these 5 countries.

Answer: Guinea, Mali, Niger, Benin, Nigeria