

Round 12

**1996 ACF Regionals**  
**Questions by Dartmouth**

1. In this play two characters debate the mathematical odds of salvation based on the four gospels, and its longest speech is made by a character who cannot speak for the rest of the play. In a plot described as "Nothing at all happens - twice," the audience should know the ending since the title character isn't on the cast list. FTP identify this 1952 work of absurdist theater by Samuel Beckett.

Answer: Waiting For Godot or En Attendant Godot

2. Discovered by William Ramsey and Morris Travers in 1898 and extracted from the distillation of liquid air, its main use is in high-intensity light sources such as stroboscopic lights. Though a noble gas, it can make compounds with chlorine, fluorine, and oxygen. FTP identify this element whose name is from the Greek for "stranger" and which has an atomic number of 54 and a symbol of Xe.

Answer: Xenon

3. In 1803 he became the first man to circumnavigate Australia traversing the Great Barrier Reef by the passage which now bears his name. Captured by the French on Mauritius for 7 years he worked out the calculation for the deviation of a compass needle due to the ship's iron parts. FTP name this British explorer, who gave his name to several Australian rivers, islands and most recently to the Melbourne tennis center where the Australian Open is played.

Answer: Matthew Flinders

4. Born in 1841, he spent a period of exile in the United States because he opposed Napoleon III. Brought down by the Panama Canal scandal, his comeback began when his newspaper published Emile Zola's 'J'accuse.' His first term as premier lasted from 1906 to 1909. FTP identify this French statesman, known by the nickname "the tiger" and for taking a hard line against Germany during the Versailles negotiation.

Answer: Georges Clemenceau

5. A friend of the poets H.D. and T.S. Eliot, he wrote a good deal of poetry himself such as in the collections, Cathay, Lustra, and A Lume Spento. Considering himself a Jeffersonian Democrat, he had to stand trial in 1945 for treason and spent a dozen years in a mental hospital. FTP identify this American poet, best known for such works as Homage to Sextus Propertius, Hugh Selwyn Mauberly, and his "Cantos."

Answer: Ezra Pound

6. He and his twin brother, Radamanthus, were born of Europa. After his death, he served as a judge in the underworld, and in between, Poseidon helped him acquire a powerful navy with which he dominated Greece from his palace in Knossos on the island of Crete. FTP, identify this mythical king best known for his labyrinth and minotaur.

Answer: King Minos

7. The seven-letter word comes from the genus of bacteria that caused the mild disease cowpox, since people who contracted that disease were immune to the deadly disease smallpox. The bacteria, in turn, got its name from the Latin word for cow. FTP identify this word, used to describe a substance that provides protection from a specific pathogen.

Answer: vaccine (do not accept ■vaccination■)

8. Jacopo was a Gothic painter. His son Gentile, a famous Venetian artist, is best known for a portrait of Ottoman sultan Mehmet III. However, Jacopo's other son, Giovanni, is far better known. He was a mentor to Giorgione and Titian, and created a wide variety of Madonna paintings. FTP identify the common surname of this famous family of artists.

Answer: Bellini

9. The leader of the group was believed to be Heywood Patterson and he was sentenced to seventy-five years in prison. In 1948, he escaped to Michigan where the state government refused to extradite him to Alabama. Three others were paroled by 1946 and five others never went to jail because their indictments were dropped. FTP name this group of nine youths who were arrested in 1931 for the alleged rape of two white girls, one of whom later recanted her story.

Answer: Scottsboro Boys

10. The country named after it doesn't contain any of area this empire once held. Most of its people were Mande-speaking Soninke, who became rich and reached the height of their power in the late 10th Century and flourished until they were defeated by the Almoravids. FTP name this first great West African empire, which was supplanted by Mali, and gave its name to the nation with its capital at Accra.

Answer: Ghana

11. Near the end of this film, the two main characters argue over a drug score. Appropriate, considering that the main actors are still arguing over the profits derived from this breakthrough 1969 film, which grossed \$60 million while being shot for \$400,000. FTP identify this classic of hippie rebellion, which featured Jack Nicholson, Peter Fonda, and featured, as actor, director, and co-writer, Dennis Hopper.

Answer: Easy Rider

12. This peasant's son's amazing mathematical abilities might have gone unrecognized had the Duke of Gottingen not given him a scholarship. This inventor of the electric telegraph was responsible for advances in number theory and developed new computation techniques he tried to apply in celestial mechanics, but he is perhaps most well known for his dabblings in electric and magnetic phenomena. FTP name this German who gave us the law to find fluxes through closed surfaces and for whom the unit of magnetic induction has been named.

Answer: Karl Friedrich Gauss

13. The son was a playwright who wrote "Le demi monde" and "The Money Question." The father was a prolific writer who has about 1200 volumes to his name and who wrote the wildly successful "Henri III et sa cour" for the Comedie Francaise living until his death in 1870 at his estate near Paris which was called Monte Cristo. FTP give the common name and you will have named the author of "The Three Musketeers".

Answer: Alexandre Dumas

14. This influential medieval order derives its name from the Latin for ■marshy place■. It was founded by monks who wanted to retire to a life of austerity in a marshy area of Burgundy in 1098. For 10 points, name this order which was revived by Bernard of Clairvaux who in 1112 established the second house of this order at Clairvaux to support its dwindling predecessor at Citeaux.

Answer: Cistercian order

15. Born in 1822, he spent the early part of his life amassing a fortune through business becoming a US citizen in 1850. 20 years later though, he was on the Hissarlik hill in Turkey trying to fulfill his boyhood dream. FTP name this man who conducted digs in Ithaca and Mycenae who is credited for first excavating the site where Troy is supposed to have been located.

Answer: Heinrich Schliemann

16. She criticized Bolshevism with the quote "If I can't dance, I don't want to be part of your revolution." She was deported to Russia from America for hindering the World War I draft, and earlier had conspired to assassinate Henry Clay Frick during the Homestead Strike. FTP, identify this famous U.S. feminist and anarchist.

Answer: Emma Goldman

17. California gets drenched with rain, New England becomes unseasonably warm, and weather in

Europe is affected as well. These phenomena are caused by an extension of an eastward-flowing equatorial current displacing the cold Peru current, the result being higher water temperatures in the South Pacific. FTP identify this event, named, due to its occurrence near Christmas time, from the Spanish for "the child."

Answer: El Nino (accept : Southern Oscillation or ENSO)

18. The name's the same: one was emperor of the Eastern Roman Empire from about 474-491 A.D. who was expelled from Constantinople in 475 but suppressed the revolt with the help of Theodoric, the Ostrogoth. The second was a 5<sup>th</sup> century B.C. philosopher, a disciple of Parmenides and teacher of Pericles who paradoxically postulated an arrow that moves yet does not move. FTP give the common name

Answer: Zeno

19. As the playwright of such satirical burlesques as *Pasquin* and *The Historical Register*, he was such a nuisance to Prime Minister Robert Walpole that the Licensing Act of 1737 was passed. So he wrote anti-Stuart political pamphlets and satirical novels, including the ironic novel, *Jonathan Wild*,<sup>and</sup> a parody of Samuel Richardson's *Pamela*. FTP identify this writer, best known for the novel *Tom Jones*.

Answer: Henry Fielding

20. Rejected for a post as conductor in Hamburg in 1862, he visited Vienna and would move there, in 1868, where he became a choral conductor in a Catholic Church, composing *Variations on a Theme of Haydn* in 1873 relatively late at the age of 40. However, he used Biblical texts and not the Catholic requiem mass to write "*A German Requiem*." FTP. identify this German composer, who lived from 1833 to 1897, best known for a lullaby.

Answer: Johannes Brahms

21. A center for Carthaginian trade, it was founded by Phoenicians sometime around 1100 BC. Conquered by the Romans and Visigoths, Christian Spaniards retook the city from the Moors in 1292. Despite being burned in a famous raid by Sir Francis Drake in 1587, Moorish architecture remains. FTP identify this chief port of southwestern Spain.

Answer: Cadiz

22. An airplane flying at speeds above that of sound, the sound produced by the airplane is confined to points within this region, a conical air disturbance that results from the bunching of wave fronts in front of the plane. FTP what is this region, named after the term used for an object's velocity with respect to that of sound, called?

Answer: Mach Cone

22. He supposedly taught the first ever sociology class at Yale in 1875. He was among the first to coin the terms *more* and *folkway* in his 1906 work *Folkways*. He also wrote a biography of Andrew Jackson. FTP, identify this economist, historian, and sociologist best known for being the most prominent American disciple of Herbert Spencer and Social Darwinism.

Answer: William Graham Sumner

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1. Answer the following questions about Alexander the Great for 10 points each.

1. When Alexander raided Thebes he left one house untouched, the house of this Greek poet.

Answer: Pindar

2. Alexander cut with his sword this object which was created by a peasant king of Phrygia and about which it was said that anyone who could untie it would come to control all of Asia.

Answer: The Gordian Knot

3. In 331 Alexander was king of Egypt and he made a pilgrimage to the temple and oracle of this god from whom all Egyptian kings were said to have descended. This visit reinforced his belief that he had a supernatural origin.

Answer: Amon Ra (prompt on Ra)

2. Given two paintings, identify the 19th Century artist, FTP each.

1. "The Blue Room" and "The Boating Party"

Answer: Mary Cassatt

2. The series "Card Players" and "House of the Hanged Man"

Answer: Paul Cezanne

3. "The Potato Eaters" and "Crows In The Wheatfields"

Answer: Vincent Van Gogh

3. How much do you remember about the Kingdom of Israel in the Bible?

1. For five points, name the predecessor of David as King of Israel.

Answer: Saul

2. For five points each, name the two monarchs who headed the Northern and Southern kingdoms after the fall of Solomon.

Answer: Jereboam (N) and Reheboam (S)

3. Name the two tribes of Israel that were in the Southern Kingdom, five points for 1, fifteen for 2.

Answer: Judah and Benjamin

4. Identify these poets of Latin America FTP each.

1. This Mexican's poetry collections include Sun Stone and he has also written books of essays such as The Labyrinth Of Solitude.

Answer: Octavio Paz

2. The exile period of this Chilean poet was chronicled in a recent film.

Answer: Pablo Neruda (or Ricardo Eliezer Neftali Reyes y Basoalto)

3. Born Lucila Godoy Alcayaga, this Chilean poet's collections such as Ternura and Tala helped her to win the 1945 Nobel Prize in Literature.

Answer: Gabriela Mistral

5. Given a famous dam, name the river on which it is located for ten points each. Five points if you need the country or countries.

1. 10 : The Aswan Dam

5 : Egypt

Answer: Nile River

2. 10 : The Grand Coulee Dam

5 : United States

Answer: Columbia River

3. 10 : The Itaipu Dam

5 : Brazil and Paraguay

Answer: Parana River

6. Given a brief description of a scientist's name and the quantity that an SI unit named after him measures name the scientist, 10 points each.

1. This scientist was led to his well known law by observing an analogy between electric current and heat flow. The SI unit measures resistance

Answer: Georg Simon Ohm

2. This Croatian born American scientist made several contributions to high voltage technology and designed the power station at the Niagara falls. The SI unit measures magnetic field.

Answer: Nikola Tesla

3. This German physicist at Gottingen worked on magnetic phenomena and devised his own system of electrical units. The SI unit measures magnetic flux.

Answer: Wilhelm Eduard Weber

8. Answer the following question about kings named Charles, FTP each.

1. He was the last Charles to be king of France.

Answer: Charles X

2. He was the last Charles to be king of England.

Answer: Charles II

3. This Charles is the current king of Sweden.

Answer: Charles XVI Gustav

9. Identify the author from a list of works on a 30-20-10 basis.

1. Joseph and His Brothers and Reflections of a Non-Political Man

2. Sleep, Sweet Sleep and Buddenbrooks

3. Death In Venice and The Magic Mountain

Answer: Thomas Mann

10. Given a description of a Corollary to the Monroe Doctrine, identify the person for whom it is named, 15 points each.

1. Named after an Attorney General who served under Grover Cleveland, it stated the United States had the right to intervene in international disputes in the Western Hemisphere.

Answer: Olney Corollary

2. Declared during a possible attempt by the Japanese to acquire a military base in Mexico, it prohibited the purchasing of land in the Hemisphere by a foreign power. It was named after a Senate Foreign Relations Committee Chairman who led the opposition in the Senate against ratifying the Treaty of Versailles.

Answer: Lodge Corollary

11. Pencils and papers ready. Say I have a sample of gas occupying 1 liter at 10 Kelvin(K) and 1 bars pressure. Answer the following questions for 15 points each.

1. If I heat the gas to 20K and increase the pressure until it is 2 bars what is the new volume of the gas?

Answer: 1 liter

2. If I now further heat it from 20K to 60K and compress it until the pressure is 6 bars what is the volume now?

Answer: 1 liter

12. Name the following music group on a 30-20-10.

1. They got their start in August of 1974 at CBGB's in Manhattan, where four people saw their first performance.

2. Aside from their self-named album in 1976, some of their albums have included Leave Home, Rocket to Russia and Road to Ruin.

3. The original members are Johnny, Dee Dee, Tommy and Joey and their last names are the same, at least to their fans. You may know them for Blitzkrieg Bop or I Wanna Be Sedated.

Answer: The Ramones

13. Given the mammal, name the order to which it belongs, for 5 points each.

1. Rabbit Answer: Lagomorpha or Lagomorph

2. Armadillo Answer: Edentata or Edentate

3. Wombat Answer: Marsupialia or Marsupial

4. Leopard Answer: Carnivora or Carnivore

5. Donkey Answer: Perissodactyla

6. Giraffe Answer: Artiodactyla



14. Identify these Shakespeare plays given the clues, FTP each.

1. Queen Elizabeth enjoyed the character of Falstaff in the Henry IV plays so much that Shakespeare wrote a comedy based on him. Name it.

Answer: The Merry Wives Of Windsor

2. This romance revolves around King Leontes of Sicily but is also infamous due to the stage direction "Exit, pursued by a bear."

Answer: The Winter's Tale

3. Subtitled What You Will, featuring a character who's in drag most of the play, people who think Shakespeare was a secretly gay often cite this comedy as evidence.

Answer: Twelfth Night

15. Name the author from a list of works on a 30-20-10 basis.

1. Those Barren Leaves and After Many a Summer Dies the Swan

2. Antic Hay, Ape and Essence, and Point-Counterpoint

3. Brave New World and Brave New World Revisited

Answer: Aldous Huxley

16. While Johannes Rydberg's empirical formula for predicting the spectrum of atomic hydrogen is mathematically elementary, it is quite literally the codification of over a half century's work by a series of dedicated spectroscopists in recording the various spectral lines of hydrogen, lines which are now named in honor of the scientists who tabulated them. For five points each, and a bonus five for correct order from the series terminating at the hydrogen ground state to the series terminating at the fourth excited state, give the names of these first five spectral series of hydrogen.

Answer (in order): Lyman, Balmer, Paschen, Brackett, Pfund

17. For 10 points each, name the philosophers who wrote the following.

1. Dialogues Concerning Natural Religion

Answer: David Hume

2. Meditations on First Philosophy

Answer: Rene Descartes

3. Three Dialogues Between Hylas and Philonius

Answer: George Berkeley

18. Given the country, name its main representative at the 1815 Congress of Vienna for ten points each.

1. Great Britain

Answer: Viscount Castlereigh

2. Prussia

Answer: Prince Karl von Hardenburg

3. France

Answer: Charles Maurice de Talleyrand

Perigord

19. Name the opera from clues on a 30-20-10 basis.

1. Though its composer was obsessed with its completion in the last days of his life, he fittingly only lived to completed the score through the death of Liu, a young slave girl who chooses death rather than to reveal the name of a secret suitor.

2. The characters of grand chancellor, chief marshal and chief cook to the emperor Altoum make of the dramatic trio of Ping, Pang, and Pong.

3. First performed at La Scala on April 25, 1926, a year and a half after Puccini's death, it is the story of Calaf, a Tartar prince in disguise, seeking the hand of the title character, the vengeful princess of China who requires the answers to three riddles or the head of any man who would be her suitor.

Answer: Turandot

20. Answer the following about the 100 years war for the stated number of points.

1. For 10 points, victory in which naval battle by the British early on gave them control of the English channel?

Answer: Battle of Sluys

2. Before the battle of Crecy, the English were trying to advance towards the high ground of Crecy to make their stand when they were stopped because all the bridges over this river were guarded by the



French. Then a prisoner showed them how the river could be traversed at low tide. For 10 points name this northern French river which was also the site of a bloody World War I battle.

Answer: The Somme

3. For 10 points name the battle after which Henry V coerced Charles VI of France to make him marry his daughter to him, bequeath the French throne to their child, and to disinherit his own son.

Answer: Battle of Agincourt

21. 30-20-10 name the literary figure:

1. This man was knighted in 1915 by George V but he renounced his knighthood following the 1919 massacre in Amritsar, India.
2. In 1901 he founded an international university in Santiniketan, Bengal to blend Eastern and Western philosophies.
3. This most important Indian author during the colonial days won the Nobel prize for literature in 1913 and also wrote India's national anthem.

Answer: Rabindranath Tagore

22. Identify the composer from a list of works on a 30-20-10 basis.

1. Octet for Wind Instruments and Ebony Concerto
2. Petrushka
3. The Firebird

Answer: Igor Stravinsky