

Round 11

**1996 ACF Regionals  
Questions by Cornell**

1. Among his achievements are the discovery of the method of fluxions and fluents; the discovery of the binomial theorem; and the construction of the first reflecting telescope. Elected to the Royal Academy for his optical discoveries, such as that white light is composed of every color in the spectrum, he became President of the Royal Society from 1703 until his death in 1727. For 10 points, who is this English scientist whose works are summed up in the 1704 Opticks and 1687 Principia Mathematica?

Answer: Isaac Newton

2. It was not the death of his cousin Joachim whom he had been visiting, but rather the outbreak of World War I that finally makes him leave. A three-week visit stretched into a seven-year stay at Haus Berghof in the Swiss Alps, as he had been caught up in the company of Clavdia and Peeperkorn. For 10 points, who is this protagonist of Thomas Mann's The Magic Mountain?

Answer: Hans Castorp

3. As a general term, it referred to any slave trained as a soldier, such as those serving under Caliph Al-Mu'tasim, but it is now most associated with the Circassians and Turks. They formed the personal body guard of the Egyptian caliphs and sultans, and were an important part of the Turkish army. For 10 points, name this group that in 1250 overthrew the sultanate and ruled Egypt until defeated by the Ottomans in 1517.

Answer: Mamluk or Mameluke(s)

4. One of the earliest was the Vailala Madness in Papua in 1919, and others have included the Mambu, Yaliwan's Yangoru movement, and Jon Frum in Tanna and Vanuatu. For 10 points, identify these movements, occurring primarily in New Guinea and Melanesia, often resulting in the building of wharves, airstrips, and warehouses in anticipation of the bounty of Western goods.

Answer: Cargo cults

5. Excessive output from this gland results in warm skin, staring eyes, high pulse rate and tremor. Low output causes myxedema, characterized by a low basal metabolic rate, dry coarse hair, loss of hair, mental dullness, anemia, and slowed reflexes, and in babies, impairment of brain development, leading to cretinism. For 10 points, name this gland, consisting of two lobes linked by an isthmus, divided into large numbers of follicles containing a material rich in iodine.

Answer: Thyroid

6. A prominent character in Dumas' work Twenty Years After, the first years of his reign were marked by disputes with Parliament over matters of finance, religion, and foreign policy. The second son of James I, in 1629 he dissolved Parliament and ruled alone for eleven years until forced to recall Parliament to deal with the Scottish rebellion. For 10 points, name this Stuart king of England that in 1649 was beheaded.

Answer: Charles I of England

7. Leader of the Hunkpapa Teton Sioux tribe, he successfully fled to Canada but returned in 1881 to surrender. After being held for two years at Fort Randall, South Dakota, he lived on Standing Rock Reservation, where he urged the Sioux to resist giving up their lands. He was later shot and killed by Indian police for allegedly resisting arrest during the Ghost Dance. For 10 points, who was this person who traveled with Buffalo Bill Cody's Wild West Show?

Answer: Sitting Bull

8. His skill as a carpenter gives him good marriage prospects, but he unwisely rejects Mary Burge to pursue a pretty, superficial girl that loves only Arthur Donnithorne. For 10 points, name this unlucky George Eliot title character that marries Dinah Morris after failing to save Hetty Sorrel.

Answer: Adam Bede

9. Approximately 1,680 miles in diameter, it is the only major satellite in the solar system that orbits in a direction opposite to that of its planet. It also has a surface temperature of -235 C, the coldest known temperature in the solar system. For 10 points, what is this largest satellite of Neptune?

Answer: Triton

10. Judith is said to represent the healing power of openness and contact with society; her determination to let light into her new husband's haunted soul ultimately comes full circle, as each door she opens to a wondrous scene besmirched with blood takes her closer to the seventh door, behind which she becomes confined like her three predecessors. For 10 points, name this opera inspired by a Charles Perrault tale and composed by Bela Bartok.

Answer: Duke Bluebeard's Castle (or A Kekszakallu Herceg Vara)

11. John Stuart Mill criticized this person's "Religion of Humanity", which Mill saw as a secularized version of the Roman Catholic Church. He is better known for his law of three stages, where ideas move through three separate stages representing a different way of discovering truth: the theological, metaphysical, and scientific or positive. For 10 points, who is this French philosopher who founded positive philosophy?

Answer: Auguste Comte

12. Lesser known ones include the alpha form of elemental tin, certain types of impure diamond, indium phosphide, aluminum nitride, and silicon carbide, and gallium arsenide. For 10 points, what is this class of solids whose electrical conductivity is between that of an insulator and a conductor, whose better known examples include germanium, and silicon?

Answer: Semiconductors

13. Originally a religious conflict between Protestants and Roman Catholics, northern Germany supported the Protestants, while southern Germany, led by Austria, supported the Roman Catholics. Sweden and France entered the struggle in an effort to crush the power of the Hapsburgs. For 10 points, what was this conflict lasting from 1618-1648, ended by the Peace of Westphalia?

Answer: Thirty Year's War

14. "Which came first, the intestine or the tapeworm?" expressed his view that parasitism and life evolved together. He extended this idea into the philosophy that language, and the whole of consciousness itself, acts as a virus in humans. For 10 points, identify this author, described by Jack Kerouac as "tall, 6 foot 1, strange, inscrutable because ordinary looking, like a shy bank clerk with a patrician, thin-lipped, cold, blue-lipped face," whose works include The Yage Letters, Queer, Junkie, and The Naked Lunch.

Answer: William Seward Burroughs

15. Opening its doors in the 17th century as a coffee house, it was frequented by merchants, bankers, and insurance underwriters. The proprietor began to supply his customers with shipping information gathered along the docks from sailors, eventually overseeing a policy bidding and forming a group of underwriters for marine insurance. For 10 points, what is this international insurance market that has insured Jimmy Durante's nose, Liberace's fingers, and Elizabeth Taylor's large diamonds?

Answer: Lloyd's of London

16. Briefly successful, this Omnibus bill settled the Texas-New Mexico border and the debts of the Texas Republic; extended popular sovereignty to New Mexico and Utah; abolished the slave trade in Washington DC; established rigorous rules concerning runaway slaves; and admitted California as a free state. For 10 points, what was this set of legislation that Stephen Douglas and Daniel Webster helped, proposed by Henry Clay to alleviate sectional tensions?

Answer: Compromise of 1850

17. There are two gaps in the story about them. Why, after they successfully receive sanctuary in the city of Argos, do they nevertheless end up marrying the sons of Aegyptus? And why were all fifty of them opposed to this marriage in the first place? For 10 points, name these mythical sisters who, except Hypermnestra, were punished in Hades by forever filling leaky jars with water for having killed their husbands on their shared wedding night.

Answer: Danaids

18. After a politically active period during which he joined the peace movement and campaigned for Senator Eugene McCarthy, he retreated to a meditational mode. He reflected on his involvement with history in Notebook and History, on the ambiguous relationship of writing to life in Day by Day, and on his divorce and remarriage in The Dolphin. For 10 points, name this American poet of Lord Weary's Castle and "For the Union Dead."

Answer: Robert Lowell

19. In most of his paintings, he groups his figure against a plain, dark background and spotlights them with an intense light, such as in The Supper at Emmaus and The Fortune Teller. Helping to establish the baroque movement in European art, he refused to idealize his religious figures in the earlier tradition of European art, supposedly using peasants and people for his unorthodox interpretations of Biblical stories. For 10 points, who is this person born Michelangelo Merisi, who named himself after his Italian birthplace, who also painted The Conversion of St. Paul and The Crucifixion of St. Peter?

Answer: Caravaggio

20. Its southern center is dominated by the Pripyat Marshes and its cities include Grodno, Gomel, Brest and Vitebsk. To its west lies Poland, Lithuania and Latvia, to the south the Ukraine, and to the east the Russian Federation. For 10 points, identify this former Soviet Republic with its capital at Minsk.

Answer: Belarus (Byelarus)

21. Traceable to the sculpted masks used in Greece and Rome, that their reputed ability to frighten away evil spirits was a secondary concern was demonstrated when these staples of Gothic architecture were phased out upon the development of improved drainage systems. For ten points, name these grotesque sculptures used to ornament waterspouts.

Answer: Gargoyles

22. Set in the eighteenth century, it describes the decline of the Chia family, centering on the ill-fated love between Tai-yu and the semi-autobiographical character Pao-yu. For 10 points, name this Ts'ao Chan work considered China's finest novel.

Answer: Dream of the Red Chamber (or Hung lou meng or Hong lou meng)

23. A Harvard-educated would-be composer who deserts to be with his French lover; an Indiana draftee who resents and kills his sergeant; and a private from San Francisco hoping to be a corporal. Named Andrews, Chrisfield, and Fuselli, they're the title characters of, for 10 points, what John Dos Passos novel about a trio of Yankees in World War I?

Answer: Three Soldiers

24. Characterized by antiphony and by alternation between a small group of strings and a larger group called the ripieno, its early developers included Arcangelo Corelli and George Handel. For 10 points, name this ■great■ form of chamber music popular in the seventeenth and eighteenth centuries.

Answer: Concerto grosso

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1. Identify these orders of mammals from a description, ten points each:

1. They are small mammals with teeth adapted for crushing insects, and include hedgehogs, moles, and shrews

Answer: Insectivora

2. Odd-toed ungulates, they are hoofed mammals with one or three toes on each foot, and include rhinoceroses, and tapirs

Answer: Perissodactyla

3. Small mammals with two pairs of upper incisors, no canine teeth, and molars without roots, they include pikas, hares, and rabbits

Answer: Lagomorpha

2. For fifteen points each, name these major movers in the syndicalist movement.

1. This French social philosopher influenced both Fascism and the far left, adding the concept of violent revolution to the syndicalist idea, an idea he expanded on in his Reflections on Violence.

Answer: Georges Sorel

2. Clashing bitterly with Marx, he was expelled from the International in 1872. The founder of political anarchism, he added theories to syndicalist doctrine.

Answer: Mikhail Aleksandrovich Bakunin

3. Name the English writer from works, 30-20-10.

1. Captain Brassbound's Conversion, Plays Pleasant and Unpleasant

2. John Bull's Other Island, Three Plays for Puritans,

3. Man and Superman, Pygmalion

Answer: George Bernard Shaw

4. Answer these questions about the death of Thomas a Becket.

1. 5 pts: Within five years, in what year did Thomas a Becket die?

Answer: 1170 (accept 1165-1175)

2. 10 pts: Name the English monarch who conflicted with the archbishop.

Answer: Henry II

3. 15 pts: Identify the 1164 council in which Richard attempted to impose new rules of church-state relations, which the archbishop refused to sign.

Answer: Council of Clarendon

5. For ten points each, identify the following plays by Eugene O'Neill.

1. A Swedish sea captain sends his daughter to live in Minnesota, but she shows up in port after a shameful past in Minneapolis.

Answer: Anna Christie

2. Based on the Phaedra story, Ephraim Cabot's young wife Abbie seduces Eben, Ephraim's son, so that she can bear a child for Ephraim.

Answer: Desire Under the Elms

3. Nina Leeds marries Sam Evans, gets pregnant but has an abortion due to a strain of insanity in Sam's family, then has an affair with Dr. Darrell, which also produces a child.

Answer: Strange Interlude

6. 30-20-10, identify the thinker

3. 30 pts: In his inaugural address as Rektor of the University of Freiberg, he praised Hitler.

2. 20 pts: ■Language is the house of being■ is one statement of this author of On The Way to Language

1. 10 pts: His most noted work, Being and Time, was dedicated to his mentor, Edmund Husserl.

Answer: Martin Heidegger

7. Identify the elements recovered from the following industrial chemical processes and atomic number

1. The Frasch process, atomic number 16

Answer: Sulfur

2. Hall-Heroult process, atomic number 13.

Answer: Aluminum

3. Refined by electrolysis or by the Mond process, atomic number 28

Answer: Nickel

8. Identify these ancient battles for ten points apiece.

1. In 480 BC, Xerxes advanced on outmanned and outflanked Greek forces. The Greek commander Leonidas sends the majority of troops to rejoin the Greek army, and heavily outmanned, hold off the Persians.

Answer: Thermopylae

2. In 490 BC, on a single afternoon, Athenians, led by Miltiades, repulsed the first attempted invasion of Greece by the Persians.

Answer: Marathon

3. Lying about ten miles west of Athens, it was the site of a famous 480 BC naval battle where Themistocles destroyed the stronger Persian fleet

Answer: Salamis

9. Identify the Russian Authors by works on a 10-5 basis

1. 10 pts Notes from the Underground, Poor Folk

5 pts The Possessed

Answer: Feyodor Dostoyevsky

2. 10 pts Diary of a Madman, Arabesques

5 pts Taras Bulba, Dead Souls

Answer: Nikolay Gogol

3. ■Twenty-Six Men and a Girl,■ Tales from Italy

3rd 5 - The Lower Depths

Answer: Maksim Gorky (1868 - 1936)

10. Name the composer from operas, 30-20-10.

1. 30 pts: Kashchey the Immortal, Servilia, May Night

2. 20 pts: Antar symphonic suite, Russian Easter overture

3. 10 pts: The Snow Maiden, Scheherazade

Answer: Nikolai Rimsky-Korsakov

11. Answer the following about an incident during the Weimar Republic, 5-10-15:

1. This was a German revolutionary socialist group active after WWI and was named for a slave leader. Name this group that tried to seize power under the Weimar Republic in 1919.

Answer: Spartacus League (or Spartacists)

2. A Polish-born German Marxist revolutionary and cofounder of the Spartacus League, she was later arrested and murdered after the failed coup.

Answer: Rosa Luxembourg

3. This German socialist leader was one of the founders of the German Communist Party. Known mainly as a campaigner against militarism, he took part in the Spartacus League's abortive uprising, after which he was arrested and shot. For fifteen points, identify him.

Answer: Karl Liebknecht

12. It's quarkin' time! Identify the following about quarks, ten points each:

1. Identify the subset of hadrons made of three quarks that represent real particles, like protons and neutrons

Answer: baryons

2. What kind of particles are baryons, consisting of spins of 1/2, 3/2, 5/2, etc.

Answer: fermions

3. Lastly, for ten points, from what Joyce work was the term ■quark■ taken?

Answer: Finnegan's Wake



13. Identify the following Herman Melville books from descriptions for 10 points each:

1. In this novel, the hero and his friend Toby escape from their ship and wander mistakenly into a valley inhabited by cannibals.

Answer: Typee

2. Set on the Mississippi riverboat Fidele, the actions in this plotless satire take place on April Fool's Day.

Answer: The Confidence Man

3. Subtitled "or The World in a Man-of-War," its flogging scenes persuaded Congress to abolish that punishment

Answer: White-Jacket

14. Identify each Christian saint on a 10-5 basis:

1. 10 pts: His full Latin name was Sophronius Eusebius Hieronymus, and legend has it that he healed a lion that entered his schoolroom.

5 pts: He is the translator of the Latin Vulgate

Answer: St. Jerome

2. 10 pts: It was said that he came to the assistance of the Crusaders at Antioch, and many of the Normans took him as their patron

5 pts: He is also the patron saint of England

Answer: St. George

3. 10 pts: An Italian monk, he was said to have received the stigmata after forty days of fasting on Mount Alverno

5 pts: Born Giovanni Francesco di Bernardone, he drew up rules of life for the Friars Minor monastic order

Answer: St. Francis of Assisi

15. It's time for a set theory bonus! Answer the following questions about sets, fifteen points each:

1. It is a special kind of set that has an operation which is closed and associative, with an identity element, and every element has an inverse. Galois founded the theory of it before his senseless death.

Answer: Group

2. What is the term for the set of all sets that can be created from a given set?

Answer: Power set

16. Name the painter from works, 30-20-10.

1. 30 pts: The Shipwreck of Don Juan, Greece Expiring on the Ruins of Missolonghi

2. 20 pts: Algerian Women in Their Harem, The Massacre at Chios

3. 10 pts: The Death of Sardanapalus, Liberty Leading the People

Answer: Eugene Delacroix

17. Order these Supreme Court cases, oldest to latest. The cases are: Roe v Wade, Gideon v Wainwright, Brown v Board of Education, Schenck v US, Miranda v Arizona, and University of California Regents v Bakke.

Answer: Schenck v US (1919), Brown v Board of Education (1954), Gideon v Wainwright (1963), Miranda v Arizona (1966), Roe v Wade (1973), University of California Regents v Bakke (1978)

18. Identify the following countries you would hear in the Animaniac's country song, ten points each:

1. This country composed primarily of Arab Muslims of the north and animistic black African and Nilotic people of the south and is the largest country in Africa

Answer: Sudan

2. The sparsely settled interior is largely massive sandstone plateaus in this South America country whose original inhabitants were Carib and Arawak Indians. It is bordered by Venezuela, Surinam, and Brazil

Answer: Guyana



3. The southern part of the country includes part of the Thar Desert and borders on the barren Rann of Kutch. It is bordered by Afghanistan, Iran, India, Jammu, and Kashmir

Answer: Pakistan

19. Every so often, the Democrats just throw out a candidate for President who has absolutely no chance, and then proceeds...to get beaten. Identify these 20th century Democratic whipping boys for 15 points each.

1. It was bad enough that he received the nomination only after 44 ballots, besting William McAdoo and A. Mitchell Palmer, but then he was stuck defending Wilson's policy toward the League of Nations to a hostile American public.

Answer: James M. Cox

2. It was bad enough to be beat, but this West Virginian was simply ignored by the Republicans in 1924, who thought Robert LaFollette a greater threat.

Answer: John W. Davis

20. 30-20-10. Identify the artist.

1. 30 pts: At his death in 1851, he bequeathed several paintings to the Tate Gallery, specifying that one painting be hung between two paintings by Claude Lorrain.

2. 20 pts: That painting was his Dido Building Carthage, a fine example of his use of light and brilliant color.

3. 10 pts: Other works by this English Romantic artist include, ■Rain, Steam and Speed■ and ■The Fighting Temeraire■.

Answer: Joseph Mallord William Turner

21. Name the novel from characters, 30-20-10.

1. 30 pts: Havermeyer, Huple, Kid Sampson

2. 20 pts: Chief White Halfcoat, Doc Daneeka, Hungry Joe

3. 10 pts: Chaplain Tappan, Colonel Korn, ex-P.F.C. Wintergreen

Answer: Catch-22

22. Given an assassin, name the famous victim, ten points each.

1. Francois Ravallac

Answer: Henry IV [of France] (or Henry of Navarre)

2. Khaled Shawky al-Islambouli

Answer: Anwar Sadat

3. Dmitri Bogrov

Answer: Pyotr Stolypin