

**1996 ACF Nationals**  
**Questions by ACFNTC #5A**

1. He was born in 1778 in Yapeyu, located in what was then the Viceroyalty of La Plata and is today part of Argentina. In 1814, he began to train an army to fight the Spanish. Just three years later he dealt the Spanish a decisive defeat in Chile and in 1818, saw his lieutenant Bernardo O'Higgins become president. On July 28, 1821 he was named protector of Peru. FTP name this man who, in 1822 requested the aid of Simon Bolivar because of further Spanish aggression.

Answer: Jose de San Martin

2. From 1869 to 1913 he taught at the University of Halle. Much of his early work dealt with ~~the~~ Fourier Series which eventually led to a development of a theory of irrational numbers. His major work is entitled Contributions to the Founding of the Theory of Transfinite Numbers in which he outlines the basic foundations of set theory. FTP name this mathematician.

Answer: Georg Cantor

3. Golden Legend, Queen Pedauque, The Red Lily, Patrologia, The Mummer's Tale, Balthasar, The Well of St. Claire, My Friend's Book, Thais, The Gods are Athirst, Sylvester Bonnard, and The Revolt of the Angels. FTP these are all works by what author better known for his Penguin Island.

Answer: Anatole France

4. He devised the Sprechstimme technique which translates literally as "speak-sing" and involves combining a song's melodic contours and the indeterminacy of speech. Along with Anton von Webern he helped to systematize atonal pointillism. FTP name this composer of Pierrot Lunaire and father of the twelve-tone style.

Answer: Arnold Schoenberg

5. The word appears in the titles of books by Roderick Chisholm, Martin Heidegger, Max Scheler, and Maurice Merleau-Ponty. It was introduced in 1764 by J. H. Lambert to refer to the "Theory of Appearance." The term was used by Peirce, Hartmann, Kant and Hegel. In its most common usage, however, it refers to a philosophical method that involves "bracketing" questions of existence in order to investigate the essences of elements of human experience. For ten points, name this term associated with Edmund Husserl and his followers.

Answer: Phenomenology

6. The Szostak-Stahl model and the Meselson-Radding model describing this phenomenon both account for inaccuracies in the original model proposed by Holliday. The former does so via a double strand gap repair and the latter via formation of both symmetric and asymmetric heteroduplexes. FTP name this event which involves the production of a new combination of alleles during mitosis or meiosis as a result of crossing over or conversion.

Answer: Recombination

7. Speaker of the House for much of the late Reconstruction period, he was prevented from running for the 1876 Republican Presidential nomination by the "Mulligan Papers". A two-time Secretary of State under Garfield and Harrison, he was disrailed in a later bid for the presidency by over-zealous supporters. FTP name this man who may have lost New York because of the characterization of the Democrats as the party of "Rum, Romanism, and Rebellion" in 1884.

Answer: James G. Blaine

8. Hjalmar Ekdal has been living in ignorant bliss for about fourteen years, not knowing that his daughter Hedvig is really the illegitimate child of the Elder Werle who also swindled Hjalmar's father, ruining the latter's reputation. Then, Werle's son Gregors shows up and attempts to "save" Hjalmar by telling him the truth resulting in disaster. FTP name the disturbing Henrik Ibsen play described above which has absolutely nothing to do with ferocious waterfowl.

Answer: Wild Duck

9. The last name's the same. Owen was an American physicist involved in the Manhattan Project. Thomas Crowder was a geologist and educator who founded the Journal of Geology. Joseph was the patriarch of a British political family. Wilton played basketball. Neville was the son of the aforementioned Joseph who foolishly believed he had achieved "peace in our time." FTP give the common name.

Answer: Chamberlain

10. After World War I he took up ceramics, but abandoned it in 1923 when he wrote and produced a film for his wife, Catherine Hessling, who had formerly been a model for his father. He directed his first film, The Whirlpool of Fate, in 1924, and his 1932 film, Boudou Saved from Drowning, served as the inspiration for Down and Out in Beverly Hills. In 1938 his film, Grand Illusion, became the first foreign language film to be nominated for an Oscar as Best Picture. FTP name this French filmmaker, son of a famous French Impressionist painter.

Answer: Jean Renoir

11. This man was born in 1856 near Manchester, England. He was educated at both Owens College and Trinity College. From 1905 to 1918 he was professor of natural philosophy at the Royal Institute of Great Britain. He later served as President of the Royal Society and master of Trinity College. FTP name this scientist who postulated the "plum-pudding" model of the atom and discovered the electron.

Answer: Joseph John Thomson

12. His first Broadway play, The Road to Rome, examined militarism, as did There Shall be No Night, which centered on the Russian invasion of Finland. For 10 points, identify this author of such works as Roosevelt and Hopkins, Reunion in Vienna, and Idiot's Delight who served as speech writer for FDR and whose most famous works are probably The Petrified Forest and Abe Lincoln in Illinois.

Answer: Robert E. Sherwood

13. Called "the wisest fool in Christendom" by Henry IV of France, he died at Theobalds, his favorite home. He had an over-large tongue which made him slobber over his food. He was slovenly in dress, bawdy in speech, lazy, and favored effeminate males. A great defender of the principle of divine right monarchy, he was the target of the foiled Gunpowder Plot. FTP name this English monarch who succeeded Elizabeth I.

Answer: James I

14. Having ascended Wearyall Hill, he is said then to have stabbed his staff into the earth. Legend says it grew into the Glastonberry thorn or the Hawthorne. An uncle of Jesus through Mary, he is said to have taken the Holy Grail to England. FTP name this man who begged for Jesus's body after the crucifixion, so that it could receive a proper burial.

Answer: Joseph of Arimathea

15. They can be synthesized, from Friedel-Crafts acylations, by ozonolysis of alkenes, or from oxidations of secondary alcohols. Ylides can be added to them via the Wittig reaction, organometallics can be added by Reformatsky reaction, and hydrazones can be formed via Wolff-Kishner reduction. FTP name this class of compounds which tautomerizes into an enol form and is often associated with aldehydes.

Answer: ketones (note: aldehydes can also be made by ozonolysis but NOT by Friedel-Crafts or oxidation of secondary alcohols)

16. A Christian monk named Philammon comes to 5th century Alexandria to save mankind from destruction for its sins. He is seduced from his faith by a beautiful woman who teaches him to lofty principles of reason. She ends up being killed in her lecture room by enraged Christians, who tear her body to pieces. This is the plot of a Charles Kingsley novel which is closely based on the real life-and-death of a 5th century Neoplatonic philosopher. FTP name her and you've named the novel.

Answer: Hypatia

17. According to Hesiod, she was the daughter of Phorcys and Ceto. She inhabited a cave either in Sicily or the Peloponnese from whence base she devoured passers-by until killed by Argos. Many monstrous offspring were attributed to her, included Cerberus, the Chimaera, and the Lernean hydra, all fathered by Typhon. FTP identify this monster with the torso of a woman and a serpent's tail instead of legs.

Answer: Echidna

18. Oil was discovered in the 1930's at Norman Wells, a part of this 1,120 mile long river. Flowing generally northwest from the Great Slave Lake, it enters the Arctic Ocean through a vast delta. Navigable only from June through October, it drains the ~~northern~~ northern portion of the great plains. FTP name this Canadian river.

Answer: Mackenzie

19. Born in 1796, he used a parental allowance to leave business and study painting at the relatively late age of 26. This creator of The Island of San Bartolomeo reputedly said that the secret of landscape painting is knowing where to sit down. FTP name this French Realist painter whose most famous work is 1830's Chartres Cathedral.

Answer: Jean-Baptiste-Camille Corot

20. They were led by Feargus O'Connor, a charismatic Irishman who organized a mass demonstration in 1848 to present a huge petition of six demands to the English Parliament. Among their goals were salaries and abolition of property requirements for members of Parliament, universal manhood suffrage, and the secret ballot. FTP name this British political movement.

Answer: Chartism or Chartists

21. Inspired by his father's political conservatism, this then 13-year-old poet wrote "The Embargo" (1808), in which he demanded the resignation of President Thomas Jefferson. Probably his best known poem, written when he 17 years old, was published in the North American Review and opened with the line "To him who in the love of nature holds." FTP name this author of "Thanatopsis."

Answer: William Cullen Bryant

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1. The following questions involve women in song for the stated number of points.

1. 10 pts: The evil police chief Scarpi attempts to blackmail this Puccini heroine so she polishes him off with a knife.

Answer: Tosca

2. 5 pts: This fickle gypsy seduces Don Jose then dumps him for a toreador.

Answer: Carmen

3. 5 pts: She is the dying courtesan in La Traviata who decides a monogamous relationship with Alfredo is not for her.

Answer: Violetta

4. 10 pts: She is Puccini's Girl of the Golden West.

Answer: Minnie

2. Answer the following questions about organic chemistry FSTP.

1. For 5 points, what is the name for a straight chain alkane with four carbon atoms.

Answer: butane

2. For 10 points, what type of projection shows a view down a carbon carbon bond to show the conformations of the groups attached to the two carbons.

Answer: Newman projections

3. For 15 points, which cyclic alkane has zero ring strain.

Answer: cyclohexane

3. Answer the following questions about the last days of the Roman Empire for the stated number of points.

1. 5 pts: Name the mercenary leader whose troops sacked Rome in 410 AD.

Answer: Alaric

2. 5 pts: Of what group was Alaric proclaimed king in 395?

Answer: Visigoths

3. 10 pts: Name the half-Vandal soldier who as head of the Roman army routed Alaric at Pollentia.

Answer: Flavius Stilicho

4. 10 pts: What roman leader from 395 to 408 made Stilicho the head of the army?

Answer: Theodocius

4. Do you like beer? Then this might be the question for you. But since this is an ACF tourney you're going to have to show some name game ability. For example, if I were to ask for the man who wants you to join the U.S. army and the company that asks "Do you like beer?" The answer would be Uncle Sam Adams. Each answer is worth 10 points. You may ignore the word The at the beginning of titles if necessary.

1. The beer that is promoted by the voice of Thomas Hayden Church (Lowell on wings) and a three act play by Federico Garcia Lorca.

Answer: Icehouse of Bernarda Alba

2. The colored version of a clear malt liquor drink and a work by Doris Lessing centered on Emma Wulf.

Answer: Zima Gold-en Notebook

3. The German poet of Sonnets to Orpheus and a Dutch beer whose commercials feature middle-aged yuppie executive types at an upscale bar.

Answer: Heinrich Heineken

5. Identify the creators of following avian works for 10 points each.

1. 10 pts: the British composer of "On Hearing the First Cuckoo in Spring"

Answer: Frederick Delius

2. 5 pts: the British poet of "To a Nightengale"

Answer: John Keats

3. 10 pts: the British poet of "The Hawk in the Rain"

Answer: Ted Hughes

4. 5 pts: the British poet of "To a Skylark"

Answer: Percy Bysshe Shelley

6. Make Superintendent Chalmers proud and identify the following principles. Hint: None of them are Principal Skinner.

1. 5 pts: This principle states that a submerged object experiences an upward force equal to the weight of the fluid displaced.

Answer: Archimedes' Principle

2. 10 pts: This principle states that the effect of two or more waves on the displacement of a particle are independent.

Answer: Superposition principle

3. 5 pts: This principle states that an expanding sphere of light behaves as if each point on the wave front were a new source of radiation of the same frequency and phase.

Answer: Huygen's principle

4. 10 pts: This principle, also called the principle of least time, states that the path light will follow from point A to point B is the one that takes the least time.

Answer: Fermat's principle

7. Identify the following Indian cities given the state of which it is the capital for 10 points, given an additional clue for 5 points.

1. 10 pts: West Bengal      5 pts: It is the site of the famous Black Hole

Answer: Calcutta

2. 10 pts: Maharashtra      5 pts: It is the birthplace of Rudyard Kipling

Answer: Bombay

3. 10 pts: Tamil Nadu      5 pts: It shares its name with a coarse-spun, hand-loomed cotton fabric that is often dyed with vegetable dyes that bleed when washed.

Answer: Madras

8. This 1936 work initially sold less than 600 copies and annual sales afterwards were less than 50 per year. The New York Tribune called it "the most famous unknown book in contemporary letters." It gives a scrupulously honest account of three tenant farming families, called the Ricketts, the Gudger, and the Woods. For 15 points, identify this work.

Answer: Let Us Now Praise Famous Men

For 5 points, who wrote the text of Let Us Now Praise Famous Men?

Answer: James Agee

For 10 points, what photographer took the pictures that illustrated this work?

Answer: Walker Evans

9. Identify the following members of a family of minor Greek gods for 10 points each.

1. This son of Pontus and Gaia was a minor sea god who Heracles sought out to get directions to the land of the Hesperides. He is often portrayed as riding a dolphin and carrying a trident.

Answer: Nereus

2. She was the wife of Nereus who gave birth to the fifty Nereids.

Answer: Doris

3. This daughter of Nereus and Doris was pursued by and married to Poseidon.

Answer: Amphitrite

10. Between the mid-thirties and the mid-forties, one of the prominent genres of Hollywood movies was the screwball comedy. Given each of the following screwballs, name the actor & actress who played the romantic leads, five points per name. As an aid, choose from these lists (although individual answers may be repeated):

Actors: Clark Gable, Cary Grant, William Powell, Frederick March

Actress: Irene Dunne, Carole Lombard, Myrna Loy, Claudette Colbert

1. It Happened One Night      Answer: Clark Gable and Claudette Colbert 5

2. Nothing Sacred      Answer: Frederick March and Carole Lombard 5

3. My Man Godfrey      Answer: William Powell and Carole Lombard 5

11. Identify the following historians from their works 10-5.

1. 10 pts: The World and the West      5 pts: A Study of History X

Answer: Arnold Toynbee

2. 10 pts: The Imperial Presidency      5 pts: The Age of Jackson 5

Answer: Arthur M. Schlesinger, Jr.

3. 10 pts: Never Call Retreat      5 pts: A Stillness at Appamattox

Answer: Bruce Catton

12. Identify the following economists for 10 points each.

1. This Russian speculated that capitalism has moved in long waves, or trend cycles which last between forty and sixty years. He was eventually shipped off to Siberia. X

Answer: Nikolai Kondratieff

2. This Canadian argued that major corporations were dominating the free market and even controlling government.

Answer: John Kenneth Galbraith

3. The converse of his theory led to supply-side economics. His theory stated that tax rates will get high enough that raising them further will reduce revenues.

Answer: Arthur B. Laffer

13. Answer the following somewhat related lit questions for 10 points each.

1. Who is the African author of Death and the King's Horseman.

Answer: Wole Soyinka

2. What poet wrote the lines "Cast a cold eye/On life, on death. Horseman Pass by"?

Answer: William Butler Yeats

3. What British author wrote The Life and Death of Mr. Badman?

Answer: John Bunyan



14. Answer the following related science questions for 10 points each.

1. What conspicuous red giant is the brightest star in the northern constellation Taurus?

Answer: Aldebaran

2. In what constellation of "rainy stars" would you find the star Aldebaran to lie, even though it is not a true member of the group?

Answer: Hyades

3. What element with atomic number 70 was alternately called Aldebaranium?

Answer: Ytterbium

15. The following presidents each had two Secretaries of State serve under them. Name the pair for 5 points each.

1. James K. Polk

Answer: John C. Calhoun or James Buchanan 5

2. F.D.R.

Answer: Cordell Hull or E.R. Stettinius 10

3. Dwight Eisenhower

Answer: John Foster Dulles or Christian Herter 5

16. Identify the following artists from the mannerist period from their works for the stated number of points.

1. 5 pts: St. Martin and the Beggar

Answer: El Greco ✓

2. 10 pts: Madonna of St. Francis

Answer: Correggio ✓

3. 5 pts: The Calling of St. Matthew

Answer: Michelangelo Caravaggio ✓

4. 10 pts: Madonna with the Long Neck

Answer: Parmigiano or Parmigianino ✓

17. Answer the following questions about the history of the discovery of DNA.

1. 5 pts: In what year did Watson, Wilkins and Crick share the Nobel Prize in Medicine and Physiology?

Answer: 1962

2. 5 pts: Which of these winners was the British biophysicist who performed X-ray diffraction studies to elucidate the structure of DNA.

Answer: Maurice Wilkins

3. 10 pts: Identify the woman who worked with Wilkins on the X-ray studies whose role is often overlooked.

Answer: Rosalind Franklin

4. 10 pts: What famous artist painted "Galacidalacidesoxiribunucleicacid" as a tribute to Watson and Crick?

Answer: Salvador Dali

18. Answer the following questions about Gulliver's Travels for the stated number of points.

1. For 5 points, who wrote it?

Answer: Johnathan Swift

2. For 10 points, name the island whose people were the arch enemies of the Lilliputians.

Answer: Blefuscu

3. For 15 points, on his third voyage, Gulliver encountered the Lord of this land who drugged him in order to communicate with the great figures in history.

Answer: Glubdubgrib

19. Answer the following questions about the Inca Empire for the stated number of points.

1. For 5 points: name the man who conquered the Incas.

Answer: Francisco Pizarro

2. For 10 points: Name the Incan ruler at the time of the conquest.

Answer: Atahualpa

3. For 15 points, name Atahualpa's half-brother who had just been defeated in a Civil War prior to Pizarro's arrival.

Answer: Huascar

20. For 10 points each, answer these questions about the Bahama Islands.

1. Which of the Bahamian Islands is largest?

Answer: Andros Island

2. What nation lies to the east of the southern end of the Bahamas and directly north of Hispaniola?

Answer: Turks and Caicos Islands

3. On what island would you find Nassau, the capital of the Bahamas.

Answer: New Providence Island