

Round 2

1996 ACF Regionals
Questions by the University of Virginia

1. It was created following a power vacuum created by the assassination of warlord Chang Tso-lin. In name, it was ruled from its capitol of Hsinking by Henry P'u-yi. Actually, it was controlled by Sadao Araki, the Japanese war Minister, who engineered the crises that created it. FTP, name this puppet state in northern China which lasted from 1931 to 1945.

Answer: Manchukuo (prompt for more info on Manchuria prior to saying "puppet state")

2. Lesser known adherents of this school included Robert Delauney, Francis Picabia, Albert Gleizes, and Fernand Leger. The doctrines of the school follow the dictum of Paul Cezanne, "Everything in nature takes its form from the sphere, the cone, and the cylinder". For 10 points, identify this movement in modern art whose best known adherents are Juan Gris, Georges Braque, and Pablo Picasso.

Answer: cubism

3. This physical law states that net flux of an electric field is equal to the net charge inside the surface of the electric field times the reciprocal of the permittivity of free space. FTP, name this law, the first of Maxwell's equations that is named for a late 18th-early 19th century German mathematician.

Answer: Gauss's Law (prompt if given Maxwell's equation)

4. Studying politics at Davidson College, this statesman won a Rhodes scholarship to St. Johns College in Oxford. Becoming a professor at Mills College in 1935, he began to work for the State Department during the war, becoming director of UN Affairs in 1948. In 1952, he left to become president of the Rockefeller Foundation until his appointment in 1960 by JFK. FTP, name this secretary of state under Kennedy and Lyndon B. Johnson.

Answer: Dean Rusk

5. In the second movement of his Fourth Symphony, "Turkey in the Straw", "Marching Through Georgia", a brass-band march, and other wild tunes are played simultaneously. The son of a band director, he decided not to "starve on dissonances" and became an insurance man, founding an agency that became the largest in the country by the mid-teens. FTP, name this composer of the Concord Sonata and Three Places in New England.

Answer: Charles Ives

6. Born in Newgate, and living a life of continued variety for threescore years, she was a whore for 12 years, a wife five times (once to her brother), 12 years a thief, spent eight years in Virginia as a transported felon, and finally grew rich, lived honest, and died a penitent. FTP, name this female character, the eponymous heroine of a Daniel Defoe novel.

Answer: Moll Flanders

7. Dying from peritonitis caused by an injury to the groin, this English king's body continued to bloat after death. At his funeral, the bishops in Rouen could not close the casket upon his body, and when pressing down caused the abdomen to burst, spraying the hall with innards. FTP, name this monarch, the first Norman king of England, who defeated Harold at the Battle of Hastings in 1066.

Answer: William (I or the Conqueror)

8. Formed by the confluence of the Mali and Nmai rivers, this 1350-mile river neither forms nor crosses any international boundaries. Its extensive lowlands are extremely fertile, and formed one of the world's richest rice-growing areas, at least until the policies of Ne Win ruined the economy. FTP, name this river flowing past Mandalay to Yangon.

Answer: Irrawaddy

9. On a trip down the Ohio and Mississippi rivers, he charmed all he came in contact with with his

grand plans. In 1806 he started downriver again from Lexington, Ky., intending on arriving in New Orleans after supporters had proclaimed independence and offered him the Presidency. But before he reached it, one of his supporters betrayed him. FTP, name this former Vice-President who intended to make himself Emperor of Mexico.

Answer: Aaron Burr

10. The hero doesn't have much to start with, and loses it all. His mother is killed by his son, who had married Jeeter's sister, in an auto accident; one of his daughters, married at 12, runs away with her husband and takes his other daughter with them. That's good for her, though, because their home shack catches fire one night, killing Jeeter Lester and his wife. FTP, name this 1932 novel by Erskine Caldwell.

Answer: Tobacco Road

11. They have only slight affinity for other substances, hence their name. They are a series of alkanes of either straight or branched structure with the general formula $C(n)H(2n+2)$, and are obtained as residue from petroleum. FTP, name these waxy substances, used in making candles, waterproofing, and sealing jams and jellies.

Answer: Paraffins (prompt for more info on waxes: while true waxes are structurally different, some sources indicate that "wax" is synonymous with paraffins in a general sense)

12. It's the name for the group formed by Georgia Hubley and Ira Kaplan, whose recent albums include "Fakebook" and "Electr-O-Pura" and is also what Richie Ashburn was told to yell to avoid colliding with shortstop Chico Carrasquel. For 10 points, what is this Spanish phrase for "I have it."

Answer: Yo La Tengo

13. A definite integral, $F(x)dx$ from a to b , can be approximated by dividing the interval a to b into n subintervals of equal length. The integral can then be approximated by summing the values of the function at each sub-interval, plus half the value at each end value, all times the width of the subintervals. FTP, give this rule, named for the shape of each constructed sub-block.

Answer: Trapezoidal rule

14. In 1827, they split into Orthodox and Hicksite groups. Founded in 1647, they reject the need for a spiritual intermediary, believing that a person can gain understanding through an inward light found by silent meditation. In their third centennial year they were awarded the Nobel Peace Prize. FTP, give the proper name this group, founded by George Fox, and nicknamed for their habit of emotional trembling during services.

Answer: Society of Friends (prompt for more information on "Quakers")

15. It consists of ten sections, such as Gnomus and Limoges, which represent a sketch or a painting, interlaced by a repeating Promenade section which represents a viewer strolling through them. Originally conceived for the piano, they have been transcribed for the orchestra, most notably by Ravel. FTP, name this work, stimulated by a showing of Victor Hartmann's sketches, by Modest Mussourgsky.

Answer: Pictures at an Exhibition

16. A story of an artist trying to surpass his own limitations, the title character fears his obsolescence in the face of younger architects. Inspired by a young girl, he succeeds in overcoming his vertigo and climbing the spire on his house. But once there, in trying to build a castle in the air, he falls and is killed. FTP, name this story of Solness and Hilda by Henrik Ibsen.

Answer: The Master Builder

17. A Neo-Idealist, his primary philosophical ideas divided the mind into four parts: the theoretical aspects, which are the intuitive experience of art and the conceptual expression of logic; and the practical parts, which are ethical behavior and interpretation of history. He edited the magazine *La Critica* for 27 years and wrote numerous literary criticisms. FTP, name this Italian philosopher, founder and President of the Italian Liberal Party from 1943-47.

Answer: Benedetto Croce

18. The father's given names were Edward George, the son's were Edward Robert. The father was made a baron; the son, an earl. The father was colonial secretary; the son Viceroy of India. The father

wrote heavy, historical novels; the son wrote poetry under the pseudonym Owen Meredith. FTP, give the family name of these authors of Eugene Aram, The Last Days of Pompeii, and Lucille.

Answer: Bulwer-Lytton

19. It has three coats of smooth muscle: an outer longitudinal, middle circular, and interior oblique. The inside surface is covered with antral and fundic mucosa, arranged in rugae, which produce compounds such as mucin, gastrin, pepsin, and HCl. FTP, name this organ in the upper left quadrant of the abdomen.

Answer: Stomach

20. Two answers required. Part of the Argonauts, they fought the Caledonian boar, and rescued their sister Helen from Theseus. Born of Leda by the mortal Tyndareus and by Zeus, they became as inseparable in death as in life, sharing their immortality, spending alternate days in Olympus and Hades. FTP, name these brothers, a famous horse tamer and a boxer, protectors of Greek sailors, known as the Dioscuri.

Answer: Castor and Polydeuces (accept Pollux for Polydeuces) prompt for more info on "Gemini"

21. Carl Wieman and Eric Cornell spent six years making something 2/1000 of an inch across that only lasted fifteen seconds. It was implied by the uncertainty principle; if you could get 3000 rubidium atoms to come to a stop by freezing them, the uncertainty in their position would overlap. making them merge into a single particle. FTP, name this new form of matter, predicted by and named for an Indian and a German scientist.

Answer: Bose-Einstein condensate

22. 34,000 Germans under Brunswick faced 52,000 Frenchmen under Dumouriez at an outlet of the Argonne Forest. Fewer than 500 casualties were taken by both sides, in a battle that mainly consisted of both sides firing artillery at long range at opponents rendered nearly invisible by heavy fog. Yet the retreat of the Prussians following the cannonade saved the Revolution. FTP, name this 1792 battle.

Answer: Valmy

23. A translation of a Biblical book into English meter, this 1640 volume published by Steven Day was the first book published in the English colonies. It was compiled by 30 members of the Massachusetts colony, including John Eliot and Richard Mather. FTP, give the common name for this version of the Book of Psalms.

Answer: Bay Psalm Book

24. The area was originally known as ■the crossing of the Northern River■, whence the current name for the city, and was first settled, as Ysleta, by Mexican colonists in 1682, although it wasn't much of a town until the Southern Pacific Railroad arrived in 1881. In 1888, its sister city across the Rio Grande was renamed for a Mexican hero. FTP, name this Texas city, which with Ciudad Juarez forms the largest international metroplex in the world.

Answer: El Paso

25. It is the word that applies to the dissipation of energy in an oscillating system, bringing it to rest. It also describes the transfer of energy from sound into heat, as well as any gas found in a mine. FTP, what is this term, that most often just means wet.

Answer: Damping

It consists of one white, black, pink, blue, brown, green, and yellow balls apiece, as well as 15 red ones. Play proceeds by alternately pocketing red and colored balls, the latter of which are reset on the table until all red balls have been cleared. FTP, name this relative of billiards, whose name is also the term for having an unplayable ball in line with the playable one.

Answer: Snooker

It is a low, white flowered, herbaceous perennial of the *Fragaria* genus; alternatively, it is an abrasive injury familiar to baseball players. They are traditionally accompanied by cream at Wimbledon, and two pints of them were missing aboard the USS Caine. FTP, name this red springtime fruit.

Answer: Strawberry

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1. Given a plot description, name the Nabokov work for the stated number of points.

1. A European intellectual and pedophile obsesses over a 12 year old nymphlet.

Answer: Lolita

2. Set in the land of Amerussia, this consists of the memoirs of Dr. Van Veen with commentary by his sister and lover.

Answer: Ada or Ardor: A Family Chronicle

3. The lunatic scholar Charles Kinbote adds editorial commentary to a 999-line poem by a murdered American poet named John Shade.

Answer: Pale Fire

2. For 15 points each, identify these World War I battles.

1. On the 26th through 30th of August 1914, Hindenburg and Ludendorff commanded the German 8th Army and routed the Russian 2nd Army.

Answer: Tannenberg

2. In this battle of June 1918, the American 2nd Division counterattacked the Germans and gained control of this mile-square forest.

Answer: Belleau Wood

3. Identify the following South American nations from their second largest cities for 10 points, if you need the capital you will only get 5 points.

1. 10 pts: Medellin or Cali 5 pts: Bogota

Answer: Colombia

2. 10 pts: Maracaibo 5 pts: Caracas

Answer: Venezuela

3. 10 pts: Arequipa 5 pts: Lima

Answer: Peru

4. FTP, given a description of the aromatic compound, give its common name.

1. A benzene ring with one methyl group attached to it.

Answer: Toluene or methyl benzene

2. Two methyl groups attached to a single benzene ring.

Answer: Xylene or dimethyl benzene

3. A hydroxyl group attached to a single benzene ring.

Answer: Phenol or hydroxybenzene

5. For 10 points, this picaresque Latin tale concerns the misadventures of a virile young man, who finds himself transformed into a donkey.

Answer: The Golden Ass

2. For 10 more points, who wrote The Golden Ass?

Answer: Apuleius

3. For a final 10 points, what was the name of the young man changed into an ass?

Answer: Lucius

6. Answer these questions about Catholic reformation movements for fifteen points apiece.

1. This sect of Catholics opposed the Jesuits, and emphasized original sin, irresistible grace, and the utter helplessness of natural man to turn to God. Influencing Racine and Pascal, this sect were put down by Pope Clement XI in his 1713 bull Unigenitus.

Answer: Jansenism

2. This reformer, inspired by the teachings of John Wyclif, called for radical reform of the Church. Condemned as a heretic in 1415 and burned at the stake, his followers organized a successful military struggle against the papal armies until internal conflict defeated them.

Answer: Jan Huss

7. For fifteen points apiece, identify these Italian artists of the 13th and 14th century.

1. The completion of his Maesta altarpiece in 1311 was considered such an important contribution that it was paraded to the cathedral to the ringing of church bells and the sounding of trumpets.

Answer: Duccio

2. This Florentine painted the altarpiece Madonna Enthroned for the church of Santa Trinita in Florence. His style was clearly derived from the Greek painters, but added an insistent linear tension alien to the harmony of Byzantine art. This artist is mentioned in canto eleven of Dante's Purgatory.

Answer: Cimabue

8. Answer the following questions about molecular biology.

1. For 10 points, all or nothing, name the four bases which make up DNA.

Answer: Adenine, Thymine, Guanine, Cytosine.

2. For 10 points, Adenine and Guanine are both substituted types of these two-ring structures.

Answer: purines

3. For 10 points, this process removes introns from mRNA.

Answer: splicing

9. Identify the following Beat poets from their works for 10 points each.

1. Howl and Khaddish

Answer: Allen Ginsberg

2. Big Sur and The Subterraneans

Answer: Jack Kerouac

3. A Coney Island of the Mind

Answer: Lawrence Ferlinghetti

10. Answer the following questions about the composer Anton Bruckner.

1. For 5 points, from what country did he hail?

Answer: Austria

2. For 5 points, Bruckner was a famous performer on what instrument?

Answer: organ

3. For 10 points, how many symphonies did he compose?

Answer: nine

4. For 10 points, what is the nickname of his 4th symphony?

Answer: Romantic

11. A horse is a horse of course or course...unless it's ACF! Answer the following questions about historically significant equines for the stated number of points.

1. For 5 points, name Robert E. Lee's horse

Answer: Traveler

2. For 10 points, give the name of Alexander the Great's horse

Answer: Bucephalus

3. For 15 points, Caligula like this horse so much, he made it a Senator

Answer: Incitatus

12. FFP apiece, identify the publishers of these computer games.

1. Myst

Answer: Broderbund

2. Colonization

Answer: Microprose

3. Panzer General

Answer: SSI

4. Wing Commander 3

Answer: Origin

5. Full Throttle

Answer: LucasArts

6. Master of Orion

Answer: MicroProse

13. 30-20-10. Name the American historical figure.

1. He served for many years as a trustee of the Museum of Modern Art in New York, with stints as its chairman and president. He also founded the Museum of Primitive Art in 1954.

2. While Governor of New York he attempted to gain the Republican nomination for President in 1964 and 1968.

3. He resigned his governorship in December 1973 and became Gerald Ford's vice president in 1974.
Answer: Nelson Rockefeller (prompt on Rockefeller)

14. For the stated number of points, answer these questions about the quest for the Holy Grail.

1. 5 pts: What knight was able to drink from the Holy Grail?

Answer: Galahad

2. 5 pts each: What three knights were able to get onto the Enchanted Ship to carry them toward the Grail Castle?

Answer: Bors de Gannis, Lancelot, and Percival

3. 10 pts: Who was the Grail Maiden, Percival's true love?

Answer: Blanchefleur

15. FTP, give the novelist give the 19th century British novelist given the work they left unfinished at their death.

1. The Mystery of Edwin Drood

Answer: Charles Dickens

2. Denis Duval

Answer: William M. Thackeray

3. Sanditon

Answer: Jane Austen

16. Given the years they served as Prime Minister of Great Britain, identify the office holder for 10 points each.

1. 1855-1858

Answer: Lord Palmerston

2. 1945-1951

Answer: Clement Atlee

3. 1908-1916

Answer: Herbert Asquith

17. At the Black Hole of Knowledge, an ACF Tournament held at Cygnus X-1, Jim Dendy watches in horror as Tom Waters loses his grip on the buzzer and falls toward the non-rotating black hole.

1. For 15 points, from Jim's point of view, how long does it take Tom to cross the event horizon?

Answer: forever (time appears to stop at event horizon to an external viewer)

2. For 15 points, from Tom's point of view as he crosses the event horizon, how long does Jim appear to wait before giving up and going back to Georgia Tech?

Answer: zero (all external time appears to pass instantaneously)

18. Identify the economist from a series of clues. 30-20-10

1. In The High Price of Bullion, a Proof of the Depreciation of Bank Notes he argues for a sound currency based on metal.

2. He left school at age fourteen to join a brokerage house and amassed a fortune on the stock market by his mid-twenties.

3. He is probably best known for his labor theory of value and writing Principles of Political Economy and Taxation

Answer: David Ricardo

19. Identify the following director from his films. 30-20-10.

1. Woman without a Face, A Ship Bound for India

2. Smiles of a Summer Night and The Passions of Anna

3. Cries and Whispers and Wild Strawberries

Answer: Ingmar Bergman

20. Given the name of a country in the Pacific, identify its capital FTP apiece.

1. Republic of Palau

Answer: Koror

2. Vanuatu

Answer: Port Vila

3. Nauru

Answer: Yaren

21. 30-20-10. Name the author, given a list of his works.

1. Ends and Odds

2. Krapp's Last Tape, Molloy, Malone Dies

3. Waiting for Godot, Endgame

Answer: Samuel Beckett