

1995 ACF Nationals Questions by Vanderbilt B

1. Born in 1912, during World War II he worked in the British Foreign Office, where he led efforts to break German codes. After the war he worked on development of an electronic computer and theories of artificial intelligence, including work on computerized chess. He was arrested for breaking Britain's homosexuality laws in 1952 and committed suicide in 1954. FTP, who was this pioneer of computers who gave his name to theoretical computing devices.

Answer: Alan Turing

2. Born in 1926, over the years he taught in Sweden, Germany, and France. He examined the codes and theories by which societies operated, and the "principles of exclusion" through which they defined themselves. FTP, name this French cultural historian and philosopher whose works include Madness and Civilization, The Order of Things, Death and the Labyrinth, and The History of Sexuality.

Answer: Michel Foucault

3. ^{This treaty} It caused China to capitulate to a naval force, lose its autonomy in setting tariffs, cede Hong Kong to the British, pay a huge war indemnity, end the system of restricting traders to the city of Canton and open other ports, and conduct foreign relations on the basis of equality. FTP, name this 1842 treaty that marked the end of the Opium Wars between China and Britain.

Answer: Treaty of Nanking or Treaty of Nanjing

4. Born in Munich in 1895, he was a musician in Munich, Mannheim, and Darmstadt from 1915 to 1920. Before 1937 his works included songs, operas, and orchestral and chamber music, but beginning in 1937 he wrote almost exclusively music for theater. Sources he used included classical antiquity, for works such as Antigone and Prometheus, and fairy tales, for his operas Der Mond and Die Kluge. FTP who is this German composer probably best known for his 1937 scenic cantata Carmina Burana?

Answer: Carl Orff

5. In geology, it refers to any rock or other natural material in which an object such as a fossil or a crystal is embedded. It also is part of a type of printing and printer that is gradually becoming obsolete. In mathematics, it is a quantity consisting of a rectangular array of numbers. FTP, what is this term which in its math form is a synonym of array?

Answer: matrix

6. She was born in Little Falls, Minnesota in 1954, of mixed German-American and Chippewa Indian descent. She grew up in North Dakota and graduated from Dartmouth College. She has won a Guggenheim Fellowship and won a National Book Critics Circle award for her best known book. Her works, including Jacklight, a book of poetry, Tracks, and The Beet Queen, mainly focus on American Indian life. FTP, who is this author whose best known work is 1984's Love Medicine?

Answer: Louise Erdrich

7. In the Ring Cycle, Wagner makes him one of the giant who builds Valhalla for Wotan. In the Volsung Saga, he slays his father Hreidmar and steals the skin of his dead brother, Otter, which contains a gold treasure to satisfy his lust. By a ruse, Sigurd later comes to slay him and take his treasure. For 10 points, identify this dragon Guardian of gold in Norse mythology.

Answer: Fafnir

8. A slight variant of this structure is known as a 3 sub 10 which is a thinner variant with a structure that places it in a mildly forbidden zone in a Ramachandran plot. The pi form is also modified and has been seen only at the ends of this type of polypeptide structure which is a particularly favorable arrangement of polypeptide chains. FTP, what is this helical structure one of the basic structural motifs in proteins?

Answer: alpha helix

9. To wine connoisseurs, this is the famous mountain on whose slopes are grown the grapes for La Crema Christie wine. 4,199 feet tall, it lies within the remains of Monte Somma, a much larger volcano from the Pleistocene epoch and is also the only active volcano on mainland Europe. FTP, what is this volcano which buried Herculaneum and Pompeii when it erupted in 79 AD?

Answer: Mount Vesuvius

10. Born in 1304, his travels were first pilgrimages to Muslim holy sites and later became pure exploration. He journeyed to southern Spain; North, East, and West Africa; the Middle East, Central and Southeast Asia, India, and even to China. On returning to his native Morocco, he dictated a lengthy account of his travels. Finished in 1357, his book became the most comprehensive account of the Muslim world in the late Middle Ages, and the earliest firsthand account of much of Africa. FTP, name this Muslim explorer.

Answer: Ibn Battuta

11. Work on it was begun in 1564 for Catherine de Medici by the architect Philibert Delorme. It was only intermittently occupied by royalty until Louis XVI and his family were forced to live there during the French Revolution. After the revolution it was the target of frequent popular uprisings until it was burned in 1871 during the Commune of Paris. FTP, what was this palace, which shared its name with gardens where it was located, along the right bank of the river Seine from the Louvre to the Place de la Concorde?

Answer: Palace of the Tuilleries

12. Henry James publishes Portrait of a Lady and Helen Hunt Jackson writes A Century of Dishonor. Booker T. Washington founds Tuskegee Institute. The shootout at the OK Corral occurs, and Billy the Kid is shot by Pat Garrett. Sousa writes Semper Fidelis and Offenbach premieres The Tales of Hoffman. Romania and Serbia become independent, and Alexander II of Russia and James Garfield are both assassinated. FTP, all of these events occurred in what year?

Answer: 1881

13. According to a common legend, he seduced the daughter of the military commander of Seville, then killed the commander when he tried to avenge his daughter's honor. Later, he invited a statue erected in the commander's honor to his house for dinner, whereupon the commander came back to life and dragged him to Hell. FTP name this man whose legend inspired composers including Purcell, Gluck, Richard Strauss, and Mozart, and writers such as Kierkegaard, Corneille, Moliere, Shaw, Dumas, and Byron.

Answer: Don Juan

14. He was born in Waukegan, Illinois in 1920. By 1941 he had begun publishing the stories that would make him famous. He wrote movie screenplays, including for Moby Dick (1954), and wrote a book of poetry entitled When Elephants Last in the Dooryard Bloomed. He wrote novels such as The Halloween Tree and books of short stories like The Golden Apples of the Sun. FTP, who is this author whose well known works include Dandelion Wine, Something Wicked This Way Comes, The Martian Chronicles, and Fahrenheit 451?

Answer: Ray Bradbury

15. After the Colorado gold rush, Cheyenne and Arapaho Indians were moved to desolate southeastern regions of the state. They retaliated by attacking stagecoach traffic on nearby trails. On November 29, 1864, without warning, Colorado Volunteers under Colonel John Chivington attacked peaceful Cheyennes led by Black Kettle at their encampment. The soldiers slaughtered from 150 to 500 Indian men, women and children. That is, FTP, a description of what massacre?

Answer: Sand Creek Massacre

16. He was born Sophronius Eusebius Hieronymus around AD 340 in Pannonia. He was a biblical scholar and one of the first theologians to be called a Doctor of the Christian Church. In 375 he fled to the desert and devoted himself to prayer. When he returned, he became a secretary to the pope and did the work he is best known for, the translation of the Old Testament into Latin. FTP, who is this saint whose day is September 30, and whose most famous work is the Vulgate?

Answer: Saint Jerome

17. This literary character is a young man who uses love affairs to gain power. To him, the color red symbolizes the military and black represents the clergy, which he sees as the only occupation in which he can advance the Napoleonic era. For 10 points, name this protagonist of Stendhal's best known work, The Red and The Black.

Answer: Julien Sorel

18. This Englishman was born in 1918. He developed methods for the partial breakdown of large protein molecules, then in 1953 he determined the structure of insulin, for which he won the 1958 Nobel Prize in chemistry. FTP, name this biochemist who later won a second prize, becoming only the second Nobel laureate to be honored twice in the same field.

Answer: Frederick Sanger

19. It rises in the Rocky Mountains of central Colorado. It flows through the 1,000 foot deep Royal Gorge in Colorado, then proceeds generally east and southeast. Important cities along its 1,450 mile route include Pueblo, Colorado; Wichita, Kansas; Tulsa, Oklahoma; and Fort Smith and Little Rock, Arkansas. FTP, what is this river, one of the most important western tributaries of the Mississippi River?

Answer: Arkansas River

20. Wagner employed it in much of his work, and Mann and Joyce adapted the concept to literature by substituting description for actual music. FTP, what is this device, a recurrent musical theme that arises with each appearance of a certain element within a musical drama, be it a character, emotion or thought.

Answer: leitmotif

21. On May 3, 1886, workers at the McCormick Reaper Company in Chicago had battled with police. Anarchists accused the police of brutality and called a rally the next day. When the police tried to break up that rally, a bomb exploded in police ranks and people began rioting. Eleven were killed. FTP, that is a description of what event which resulted in several anarchists being imprisoned?

Answer: Haymarket Affair

22. A Long-Expected Party, A Knife in the Dark, A Journey in the Dark, the White Riders, Helm's Deep, The Black Gate is Closed, The Siege of Gondor, The Land of Shadow, The Scouring of the Shire, Strider, and Lothlorien. All of these, FTP, are chapter names in what classic fantasy trilogy by J.R.R. Tolkien?

Answer: The Lord of the Rings

23. Their name comes from the Greek meaning "shadow tail," which is ironic considering that their tails are one of their most prominent features. Members of family Sciuridae, they are commonly seen on many university campuses, as well as city parks and suburban areas. FTP, what are these bushy tailed, arboreal mammals?

Answer: squirrels

24. Discovered in 1844 by John C. Fremont, it is located on the border of California and Nevada at the eastern edge of the Sierra Nevada range. It has an area of 195 square miles and a maximum depth of 1600 feet. It is drained by the Truckee River into Pyramid Lake. FTP, name this lake most noted for its very clear water and the resorts located on it.

Answer: Lake Tahoe

25. Its two major ethnic groups are the Temne in the north and west and the Mende in the south, but the freed descendants of American slaves make up a small Creole majority. Some of those Creoles are the descendants of nearly 400 blacks who were settled in 1787 by Englishman Granville Sharp in what is its now aptly name capital of Freetown. FTP, name the African country.

Answer: Sierra Leone

26. This highly addictive drug, the newest nightmare for the DEA, can be made using asthma medicine and household products such as Drano, Epsom salts, and battery acid. The drug originated in 1989 after some experimentation by a University of Michigan student in Ann Arbor. FTP, give the popular name for this drug, technically known as methcathinone, that was recently profiled in Spin magazine.

Answer: cat

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1. On a 10-5 basis identify the authors from works

10: Brighton Rock and England Made Me

5: The Power and the Glory

Answer: Graham Greene

10: Rhymes of Rolling Stone, The Spell of the Yukon

5: The Cremation of Sam McGee, The Shooting of Dan McGrew

Answer: Robert Service

10: Demon Box, Sometimes a Great Notion

5: One Flew Over the Cuckoo's Nest

Answer: Ken Kesey

2. On a 30-20-10 basis identify the figure from the world of art from clues.

1. He was the subject of an orchestral work by Hector Berlioz.

2. This sculptor and goldsmith's most famous work is the sculpture Perseus with the Head of the Medusa.

3. His Autobiography (written 1558-62), though somewhat exaggerated, is exciting and widely admired.

Answer: Benvenuto Cellini

3. FTP each, given a geographical feature, name the non-native who discovered it.

1. New Zealand

Answer: Abel Tasman

2. Lake Victoria

Answer: John H. Speke

3. South Pass through the Rocky Mountains

Answer: Jedediah Smith

4. The first section introduces Mr. and Mrs. Ramsay during a party at their country home. The second section describes the decaying country home after Mrs. Ramsay's death. The final section describes the reconciliation between Mr. Ramsay and his teenage son. The book is famous for having more stream of consciousness than actual plot.

1. For 20 points, name this book.

Answer: To the Lighthouse

2. For an additional 10 points, who wrote To the Lighthouse

Answer: Virginia Woolf

5. Yes! Here's a bonus where you identify portions of our digestive system FTP each.

1. This is the pathway through which food enters and solid wastes leave. It is also called the digestive tract.

Answer: alimentary canal

2. This is the place in the gut tube that marks the end of the stomach and the beginning of the small intestine, and keeps the contents of the two separated when necessary.

Answer: pylorus

3. This is the semifluid glop of partially digested food and digestive secretions found in the digestive system, usually after a meal.

Answer: chyme

6. For 10 points each, identify the composers of the following works.

1. Titan Symphony

Answer: Gustav Mahler

2. 24 Caprices

Answer: Niccolò Paganini

3. Gayane (reader please spell this one)

Answer: Aram Khachaturian

7. It's time for a Medieval bonus. This question will ask you about something that was pretty common back then - torture! Given a description of an instrument or method of torture, name it for 10 points.

1. This device was basically a metal box with spikes facing inward on all sides. The victim was put inside the box and the lid was closed, pushing the spikes messily into the victim's body.

Answer: iron maiden

2. In this type of torture the victim's arms and legs were tied to four different horses, and the horses were then whipped in different directions. The end result was usually the victim being torn into pieces.

Answer: drawing and quartering

3. This was a device into which any number of the victim's fingers were inserted and then twisted and pulled to the point of breaking.

Answer: thumbscrews

8. There are 20 main amino acids that are the building blocks of proteins. Demonstrate your knowledge of the 20 on this bonus.

1. For 10 points each, what are the only two amino acids that contain sulfur?

Answer: methionine and cysteine

2. For 10 more points, what amino acid is technically not an amine but an imine?

Answer: proline

9. FTP each, identify these elements of Egyptian mythology from the given clues.

1. This was the proper world order that the gods gave to man.

Answer: ma'at

2. The son of Osiris, he was the god of Lower Egypt and was found in the form of a falcon.

Answer: Horus

3. He was Horus's rival and the god of Upper Egypt. He had a form that was a composite of the jackal, the aardvark, and the camel, among others.

Answer: Seth

9. FTP each name the level of Dante's inferno, using either a number or a name when appropriate, where these sinners can be found.

1. This is the first level, which houses those who have not sinned but have not been baptized.

Answer: limbo

2. This is the circle for the heretics, where the torments of the City of Dis begin.

Answer: sixth level

3. This houses the worst of the fraudulent, the traitors. The sinners here are trapped in ice.

Answer: ninth level

10. Name these famous photographers from a description FTP each.

1. This 19th century photographer is famous for his photos of the Civil War and for his photos of Daniel Webster and Edgar Allen Poe.

Answer: Mathew Brady

2. This 20th century photographer was the first woman to take photos with the US armed forces. She was also one of the first four staff photographers for Life magazine in 1936.

Answer: Margaret Bourke-White

3. This documentary photographer is best remembered for her photographs taken for the Farm Security Administration, including the famous "Migrant Mother".

Answer: Dorothea Lange

11. Answer the following questions about a 20th century phrase.

1. For 5 points, what is the two-word phrase commonly used to designate sympathizers within an enemy came who are prepared to bide their time to commit an act of treason?

Answer: fifth column

2. For 10 points, in what war was the phrase, "fifth column" first used?

Answer: Spanish civil war

3. For 5 points, to sympathizers in what Spanish city was General Emilio Mola referring when he referred to his "fifth column"?

Answer: Madrid

4. For 10 points, what American author wrote a play entitled "The Fifth Column"?

Answer: Ernest Hemingway

12. So you think you know your Commonwealth of Independent States geography? For each of the following cities, for 5 points each, state whether it is in European Russia, Asian Russia, the Ukraine, or Belarus.

1. Kharkov

Answer: Ukraine

2. Kursk

Answer: European Russia

3. Gomel

Answer: Belarus

4. Krasnoyarsk

Answer: Asian Russia

5. Krasnodar

Answer: European Russia

6. Magadan

Answer: Asian Russia

13. How about a chess bonus? Given these great chess players for the given number of points.

5 points: This eccentric American was world chess champion from 1972 to 1975.

Answer: Bobby Fischer

10 points: This native of Germany was champion for 27 years, until beaten by Jose Capablanca in 1921.

Answer: Emmanuel Lasker

15 points: This early champion also designed the chess men most commonly used now.

Answer: Howard Staunton

14. Answer the following questions about a famous Supreme Court justice.

1. For 5 points, what justice was known as "the great dissenter"?

Answer: Oliver Wendall Holmes, Jr.

2. For 5 points, in what state did Holmes served on the state Supreme Court?

Answer: Massachusetts

3. For 10 points, what man appointed him to the Supreme Court?

Answer: Theodore Roosevelt

4. For 10 points, what Jewish justice succeeded him on the court in 1932?

Answer: Benjamin Cardozo

15. You will be given a year in which two scientists won the Nobel prize in physics and the reason they won. You will have to name the two scientists for 5 points each.

1. 1902-For their researches into the influence of magnetism upon radiation phenomena.

Answer: Hendrik Lorentz and Pieter Zeeman

2. 1933-For the discovery of new productive forms of atomic theory.

Answer: Erwin Schrödinger and Paul Dirac

3. 1961-One for his studies of electron scattering in atomic nuclei and discoveries about the structure of nucleons; the other for his research of the resonance absorption of gamma rays and discovery of the effect which bears his name.

Answer: Robert Hofstadter and Rudolf Mössbauer

16. Name this modern American author from works, 30-20-10.

1. My Life as a Man, When She was Good

2. The Ghost Writer, The Great American Novel

3. Goodbye Columbus, Portnoy's Complaint

Answer: Philip Roth

17. For 10 points each, identify the constellations that contain the following:

1. the stars Mirfak and Algol

Answer: Perseus

2. the remnant of the crab nebula

Answer: Taurus

3. the star Arcturus

Answer: Bootes

18. Give the biblical books in which the following stories are found for 10 points each.

1. David and Goliath

Answer: 1st Samuel

2. fall of Jericho

Answer: Joshua

3. death of Jezebel

Answer: 2nd Kings

19. How much do you know about Holst's The Planets? For the stated number of points, given Holst's description for one of the planets, name the planet.

1. 5 pts: The Bringer of War

Answer: Mars

2. 10 points: The Bringer of Jollity

Answer: Jupiter

3. 15 points: The Magician

Answer: Uranus

20. Given the last lines of books or stories, name them FTP each. If you need the author you'll get five.

15: "If we find the answer to that, it would be the ultimate triumph of human reason - for then we should know the mind of God."

5: Stephen Hawking

Answer: A Brief History of Time

15: "One of us lifted something from it, and leaning forward, that faint and invisible dust dry and acrid in the nostrils, we saw a long strand of iron-gray hair."

5: William Faulkner

Answer: A Rose for Emily