

RIP 10/2/15

Date: Mon, 20 Mar 1995 10:30:33 -0800 (PST)
From: "Richard M. Nixon" <pinax1@garnet.berkeley.edu>
To: gaius@uclink2.berkeley.edu
Subject: Approximate ACF Regional packet (fwd)

----- Forwarded message -----
Date: Tue, 31 Jan 1995 18:22:12 -0500 (EST)
From: gt1367b@prism.gatech.edu
To: lrubinow@delphi.com
Cc: pinax1@garnet.berkeley.edu
Subject: Approximate ACF Regional packet

Forwarded message:
>From gt1367b@prism.gatech.edu Tue Jan 31 15:55 EST 1995
Date: Tue, 31 Jan 1995 15:55:33 -0500
From: gt1367b@prism.gatech.edu
Message-Id: <199501312055.PAA03228@acmey.gatech.edu>
To: gt1367b@prism.gatech.edu
Subject: Berry 94 Round again
Content-Type: text
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Georgia Tech Toss-Ups - 1994 Southeastern/Early Bird

1. Its heaviest isotope is radioactive and can be found in nuclear weapons. Its more stable but still uncommon isotope comprises .014 per cent of its compounds. For 10 points, what is this chemical element whose heavier isotopes are tritium and deuterium?

Answer: hydrogen

2. It authorized the president to transfer arms or any other defense materials for which Congress appropriated money to "the government of any country whose defense the President deems vital to the defense of the United States." For 10 point, identify this law that was passed in 1941 and allowed the president to transfer military supplies without payment to Britain in that vital period before the U.S. entered World War II.

Answer: Lend-Lease Act

3. His lesser known poetic works include "On Court-Worm", "On My First Son", and "Though I am Young and Cannot Tell", but he is better known for his dramatic works. For 10 points, identify this contemporary of Shakespeare, the author of The Alchemist and Volpone.

Answer: Ben Jonson

4. Its early history is obscure, but by about 300 BC it had received its traditional form: a division of 3000 to 6000 men, consisting primarily of heavy infantry or hoplites, supported by light infantry and sometimes cavalry. It was early divided into maniples but these were superceded by cohorts. For 10 points, what were these military divisions, the basic combat unit of the ancient Roman army.

Answer: legions

5. They occur naturally in dikes and pipes of kimberlite,

notably in South Africa, Tanzania, and in Arkansas. They are colorless cubic crystals that do not conduct electricity but are excellent conductors of heat. For 10 points, what are these gems formed by an allotrope of carbon, the hardest naturally occurring items?

Answer: diamonds

6. Though he lost his patent protection to Obed Hussey in 1843, his business continued to grow and prosper without legal restriction of competition. In 1831, he had integrated a cutting board, a reel, a divider, and a platform on which the grain fell after being cut into a workable, horse-drawn farming machine. For 10 points, identify this businessman and inventor of the first successful reaper.

Answer: Cyrus McCormick

7. In late 1802, he addressed his brothers in the half-letter, half-will now known as the "Heiligenstadt testament" - in which he put down his reactions to his impending deafness. For 10 points, identify this man who despite this affliction produced the Kreutzer and Moonlight sonatas.

Answer: Ludwig von Beethoven

8. Material unique to this Biblical book includes Jesus' utterances on the end of the world in Chapter 23, the arrangement of the Sermon on the Mount in Chapter 5, and material relating to the birth of Christ in Chapter 1. For 10 points, identify this Gospel and opening book of the New Testament.

Answer: The Gospel According to St. Matthew

9. It is often partially or totally unconscious and is manifested by efforts at compensation. For 10 points, what is this term that was first used by Alfred Adler to describe an individual's sense that he is not equal in competence to other people and is inadequate to meet the demands of the environment.

Answer: inferiority complex

10. "On either side the river lie/Long fields of barley and of rye, that clothe the wold and meet the sky..." So begins part I of the 1832 poem "The Lady of Shalott". For 10 points, identify this British author who penned this poem as well as Idylls of the King.

Answer: Alfred, Lord Tennyson (prompt for more info on Lady of Shalott)

11. After fighting with the Allies in World War I, it entered a period of political turmoil swinging from a monarchy to a republic and back with the restoration of the king in 1935. For 10 points, identify this nation that restored the monarchy again in 1946 only to drive king Constantine II into exile in 1967.

Answer: Greece

12. When Bellerophon attempted to ascend to heaven, he was thrown from his mount which carried on alone to become the constellation of the same name. For 10 points, identify this winged horse of Greek mythology that was born of sea foam and the blood of the slaughtered Medusa.

Answer: Pegasus

13. In 1866, he published "Battle-Pieces and Aspects of the War" - a an elegiac collection of 72 poems about the Civil War.

However, he is seldom thought of as a poet. For 10 points, identify this 19th century author of *The Confidence Man*, *Redburn*, *Omoo*, and *Moby Dick*.

Answer: Herman Melville

14. It was named for a 19th century physicist who first described it in 1842. Though his initial work was with sound, it is of paramount importance in astronomy where it is noticed more in light. For 10 points, identify this effect that describes the change in the observed wavelength of a sound or electromagnetic wave because of relative motion between the wave source and an observer.

Answer: Doppler effect

15. They are part of the great cordillera extending through the wester regions of both North and South America and extend for about 3000 miles in a north-south orientation from northern Alberta, Canada to central Mexico. For 10 points, identify this range of mountains that reaches its highest point at Mt. Elbert, Colorado.

Answer: Rocky Mountains

16. In its use as a mild oath, it is thought to have derived from the Low German cry of disgust at throwing the lowest possible dice total. For 10 points, what is this term associated with a tie in tennis and twos in dice and on playing cards.

Answer: deuce

17. After 3 years at West Point, he spent several months making maps for the U.S. Geodetic Survey before he went to Paris where he studied painting with Charles Gelyre. For 10 points, identify this 19th century American artist of *Portrait of Lady Seymour Haden* who is best known for his portrait of his mother.

Answer: James Abbott McNeill Whistler

18. In the 1930's in India, Gaffar Khan led an anti-British movement in India that had this colorful nickname. However, it is more often associated with Italian independence. For 10 points, what is this colorful historical nickname that is also applied to the followers of Guiseppe Garibaldi?

Answer: red shirts

19. In this novel the rich Dutch coffee planter, Pieter Peeperkorn, comes to Haus Berghof with Claudia Chauchat. Peeperkorn is the novel's sole representative of a robust and active, rather than lax and decadent life of the senses. For 10 points, what is this novel centered on Hans Castorp - the most famous by German novelist Thomas Mann.

Answer: *The Magic Mountain*

20. Through it pass the esophagus, aorta, and inferior vena cava. It is involved to a varying degree in quiet breathing and also contracts during deep breathing and straining. For 10 points, what is this thin muscular and fibrous structure dividing the contents of the chest from those of the abdomen?

Answer: diaphragm

21. In a symbolic poem by William Blake, he returns from heaven and correctes the misrepresentations given to his works on earth.

For 10 points, identify this 17th century English poet whose works include the masque Comus and the poems L'Allegro and Il Penseroso.

Answer: John Milton

22. The gift most often associated with him was retracted by a bath in the river Pactolus, which ever after rolled over golden sands. For 10 points, identify this legendary king of Phrygia who imprudently asked that every thing he touched be turned to gold.

Answer: Midas

23. He emphasized the credo "less is more" and his buildings, many of them with glass walls within a steel grid became the standard for modern glass skyscrapers in the 1950's and 1960s. For 10 points, identify this last director of the Bauhaus and designer of the campus of the Illinois Institute of Technology.

Answer: Ludwig Mies van der Rohe

24. While historians have shown that he should share credit with his predecessor engineer John F. Stevens and Dr William C. Gorgas among others, his great contribution to the creation of the Panama Canal is undeniable. For 10 points, identify this man who served as chief engineer of the Panama Canal from 1908 to 1914 and as governor of the Canal Zone from 1914 to 1916.

Answer: George Washington Goethals

25. After his death, his second-in-command, Perdicas became virtually regent of the entire empire but was soon murdered by mutineers in his own army. For 10 points, identify this Macedonian general and conqueror of the Persian empire.

Answer: Alexander the Great or Alexander III

Georgia Tech Bonuses - 1994 Southeastern/Early Bird

1. Name the country, 30-20-10.

1. It borders the Central African Republic, Uganda, and Zambia.
2. Famous people from this country include Moise Tshombe, Joseph Kasavubu, Patrice Lumumba, and Joseph-Desire Mobutu.
3. Its capital is Kinshasa and it was formerly known as the Belgian Congo.

Answer: Zaire

2. (30 points) For 10 points each, give the following terms from chemistry.

1. What is the term for varying forms of an element with different atomic weights?

Answer: isotopes

2. What term is applied to different forms of the same chemical element? For example diamond and coal.

Answer: allotropes

3. What term is used to describe that property of a material which allows it to be drawn out into a wire?

Answer: ductility or ductile

3. (30 points) 30-20-10 Identify this writer.

1. The son of a poor cobbler, he left his home in Odense at the age of 14 and moved to Copenhagen where he worked as an actor.
2. In 1835, he published "Tales Told for Children" which included "The Tinderbox" and "The Princess and the Pea".
3. His more famous stories include "The Ugly Duckling" and "The Emperor's New Clothes".

Answer: Hans Christian Andersen

4. (30 points) Answer the following questions about ailments of the eye for 10 points each.

1. What is the technical term for nearsightedness?

Answer: myopia

2. What eye defect, in which the visual image is blurred, results from an irregularly shaped cornea?

Answer: astigmatism

3. What eye disturbance is caused by faulty balance between production and drainage of aqueous humor and results in increased tension in the eyeball and increasing blurring of vision?

Answer: glaucoma

5. (30 points) For 10 points apiece, name the President who won the following battles while serving in the military.

1. El Alamein

Answer: Dwight

Eisenhower

2. Battle of the Thames

Answer: William

Henry Harrison

3. Buena Vista

Answer: Zachary Taylor

6. Given the number of a symphony and its composer, give the nickname for 10 points each.

1. Beethoven's Third

Answer: Eroica

2. Tchaikovsky's Fifth

Answer: Pathetique

3. Robert Schumann's First

Answer: Spring

7. (30 points) You will earn your team some bonus points if you can remember the following facts about the 1850 elegy, "In Memorium".

1. For 10 points, what British poet wrote "In Memorium"?

Answer: Alfred, Lord Tennyson

2. For 20 points, who is the subject of Tennyson's elegy?

Answer: Arthur Henry Hallam

8. (30 points) Identify these medieval popes for 15 points apiece.

1. This 13th century pope excommunicated Holy Roman Emperor Otto IV and King John of England.

Answer: Innocent III

2. This successor to Gregory VII preached the first Crusade.

Answer: Urban II

9. (30 points) For 15 points each, identify the following terms from earth science.

1. What term is applied to an arctic biome in which grass and grasslike plants are dominant and where the soil is subject to permafrost?

Answer: tundra

2. This biome lies immediately south of the tundra and is dominated by coniferous trees?

Answer: taiga or boreal forest

10. (30 points) Identify the following Egyptian rulers from clues for 10 points each.

1. This Egyptian monarch's forces were defeated at the battle of Actium.

Answer: Cleopatra VII

2. This 13th century BC pharaoh is known as "the Great" and built the temples at Carnak and Abu Simbel.

Answer: Rameses II

3. This man is the current president of Egypt.

Answer: Hosni Mubarak

11. Identify authors of the following "Grade A" works of American literature for 5 points each.

1. A Connecticut Yankee in King Arthur's Court

Answer: Mark Twain or Clemens

2. A Separate Peace

Answer: John Knowles

3. A Farewell to Arms

Answer: Ernest Hemingway

4. A Fable

Answer: William Faulkner

5. A View From the Bridge

Answer: Arthur Miller

6. A Streetcar Named Desire

Answer: Tennessee Williams

12. (30 points) Identify the following monsters from Greek mythology for 10 points apiece.

1. This monstrous feline was crushed by Hercules during his first labor.

Answer: Nemean lion

2. This monster with 12 feet and 6 heads was one of two that dwelt in the Straits of Messina.

Answer: Scylla

3. This fire-breathing monster ravaged Lycia before being slain by Bellerophon.

Answer: Chimera

13. (30 points) Give the Italian city with which the following artists are most associated for 10 points apiece.

1. Titian

Answer: Venice

2. Sandro Botticelli

Answer: Florence

3. Donatello

Answer: Florence

14. Identify the following characters from Shakespeare's Othello for the stated number of points.

1. For 5 points, who is the villain?

Answer:

Iago

2. For 5 points, who is the wife of Othello?

Answer:

Desdemona

3. For 10 points, who is Iago's wife?

Answer: Emilia

4. For 10 points, Othello aroused the enmity of Iago by naming what man his chief lieutenant?

Answer:

Cassio

15. (30 points) Pencil and paper ready for a physics bonus. You are employing a simple machine to lift a 150 newton object to a height of 5 meters. If you employ a force of 120 newtons in order to move the object:

1. What is the mechanical advantage of your system?

Answer: 1.25

2. How much work was performed in moving the object to the height of five meters?

Answer: 750 joules

16. (30 points) Identify these colonial founders for 10 points each.

1. In 1633, Dutch settlers under this man's leadership founded the first cities in Connecticut.

Answer: Thomas Hooker

2. Maryland was first settled in 1634 by this man, a son of the first Lord Baltimore.

Answer: Leonard Calvert

3. This Pilgrim leader was governor of the Plymouth colony almost continually from 1621 to 1656.

Answer: William Bradford

17. Identify the countries of which the following countries are capitals for 5 points each.

- | | |
|--------------|------------------|
| 1. Helsinki | Answer: Finland |
| 2. Monrovia | Answer: Liberia |
| 3. Manama | Answer: Bahrain |
| 4. Mogadishu | Answer: Somalia |
| 5. Warsaw | Answer: Poland |
| 6. Gaborone | Answer: Botswana |

18. For 10 points apiece, answer the following questions about people who have recently died.

1. Called by Robert Kennedy "one of the heroic figures of our time," this man was the leader of the United Farm Workers.

Answer: Cesar Chavez

2. George Mickelson, the Republican governor of what state, was killed April 19 when a plane he was on crashed near Dubuque, Iowa?

Answer: South Dakota

3. Oliver Tambo, who died of a stroke on April 24, was the leader of what anti-Apartheid organization in South Africa?

Answer: African National Congress or ANC

19. (30 points) For 5 points each, tell what the following biological abbreviations stand for.

- | | |
|--------|--------------------------------------|
| 1. DNA | Answer: deoxyribonucleic acid |
| 2. ATP | Answer: adenosine triphosphate |
| 3. GTP | Answer: guanosine triphosphate |
| 4. LH | Answer: luteinizing hormone |
| 5. FSH | Answer: follicle-stimulating hormone |
| 6. ADH | Answer: anti-diuretic hormone |

20. (30 points) 30-20-10 Identify this Nobel prize winning author from works.

1. The Red Lily, The Wickerwork Woman
2. The Crime of Sylvester Bonnard and The Revolt of the Angels
3. The Gods are Athirst and Penguin Island

Answer: Anatole France

21. Identify the following explorers for 10 points each.

1. In the service of Peter the Great, he explored the Siberian coast north to the arctic and discovered Alaska.

Answer: Vitus Bering

2. This Dutch navigator discovered New Zealand in 1642.

Answer: Abel Tasman

3. This early 16th century Portuguese navigator's discovery of the Brazilian coast in the year 1500 is now disputed.

Answer: Pedro Cabral

22. (30 points) For 10 points each, identify the early 20th century artists of the following.

1. Sleeping Gypsy Answer: Henri Rousseau
2. The Blue Rider Answer: Wassily Kandinsky
3. The Kiss (painting) Answer: Gustav Klimt

23. (30 points) World War II conferences almost always had in attendance Roosevelt and Churchill and usually another odd leader. For 10 points each, identify the third leader present at the following World War II conferences.

1. Tehran Answer: Josef Stalin
2. Cairo Answer: Chiang Kai-Shek
3. Yalta Answer: Josef Stalin

24. (30 points) 30-20-10 Identify this composer from works.

1. Edgar and LeVillli
 2. Manon Lescaux and The Girl of the Golden West
 3. La Boheme and Madame Butterfly
- Answer: Giacomo Puccini

25. Identify the 20th century novels in which you would find the following characters.

1. Adrian Leverkuhn Answer: Doctor Faustus
2. Milo Minderbinder Answer: Catch-22 or Closing Time
3. Adam Trask Answer: East of Eden