

HARMONIC CONVERGENCE BOWL CAL B TOSSUPS

(by Dave Dixon, Ben Craycraft, Steve Lin)

1. He said, "The important thing is not winning, but taking part. The essential thing in life is not conquering, but fighting well." This statement is the creed of the modern Olympic Games, for ten points, by what founder of the modern Olympics?

Answer: Baron Pierre de Coubertin(deh-koo-bur-TEN)

2. Laserdisc rentals of this movie shot up in the spring of '94 when it was discovered that mischievous animators had snuck in some risqué frames, as well as Michael Eisner's home phone number. For ten points, name this film that, for a fleeting moment, shows more of Jessica Rabbit than we had expected.

Answer: Who Framed Roger Rabbit?

3. For a quick ten points, on what object would you find the following mottoes: "New order of the ages," "He has favored our undertaking," and "Out of many, one."

Answer: one dollar bill(Accept Great Seal of the USA)

4. A pioneering investigative journalist-- some would say "muckraker"-- she had herself committed to a New York City insane asylum and her accounts of the experience resulted in major reforms. For ten points, name this writer whose most famous feat was her beating Jules Verne's hero by almost eight days.

Answer: Nellie Bly or Elizabeth Cochrane Seaman

5. The Medellin cocaine cartel collapsed after the arrest and eventual death of its leader Pablo Escobar. But this hasn't stopped the flow of cocaine. For ten points name the rival cartel also based in Colombia that has since captured most of the world's cocaine market.

Answer: Cali Cartel

6. Philadelphia attorney Andrew Hamilton, after the acquittal of his client, said to the jury, "You have laid a noble foundation for securing to ourselves... the liberty both of exposing and opposing arbitrary Power by speaking and writing Truth." And this was more than fifty years before the First Amendment was adopted. For ten points name Hamilton's client, a New York printer, who was found innocent of libel in 1732.

Answer: John Peter Zenger

7. The Core Knowledge plan is a curriculum for elementary school students developed by a University of Virginia English professor who keeps reminding us of what we need to know. For ten points, who is this best-selling author of *Cultural Literacy*?

Answer: E.D. Hirsch, Jr.

8. AM radio waves bounce easily off the ionosphere and thus can be picked up by receivers far away from the source, but FM waves punch right through, making remote detection difficult. This is because the frequencies of the FM band lie above, for ten points, what cut-off frequency which depends upon the density of free electrons in the ionosphere?

Answer: plasma frequency

9. This German businessman became fascinated with Ancient Greece when as a young boy he heard a man recite verses from the Iliad. His talent for languages, he knew then, was as keen as his business sense and he grew very rich. Name for ten points the man who, based on his hunches and clues from the Iliad, located the site of Ancient Troy.

Answer: Heinrich Schliemann

10. A 1907 editorial warned parents not to buy this toy because it was feared it would "warp" little girls' mothering instincts. Nevertheless it sold tremendously well, due in part no doubt to the popularity of the President it was named after. For ten points name this cuddly toy created soon after Theodore Roosevelt spared a bear cub on a hunting trip.

Answer: teddy bear

11. This word comes from the name of a walled section of the city of Venice where, beginning in 1516, Jews were confined. Give, for ten points, the name given today to any neighborhood occupied by a minority group living there by social or economic pressure.

Answer: ghetto

12. The dual nature of these organisms was once dismissed by a British botanist as an "Unnatural union between a captive Algal damsel and a tyrant Fungal master." It's not quite so bad as that; the relationship seems more symbiotic in nature than parasitic. For ten points name these organisms that consist of a layer of Algae or Blue-green Bacteria surrounded by many layers of a Fungus.

Answer: lichen(LYE-ken)

13. In April 1942, this painting was first shown in the Art Institute of Chicago where critics called its theme of loneliness "overdone." Showing an after-hours scene in a starkly lit diner, it has since gained popular and critical acclaim. For ten points, name this Edward Hopper work.

Answer: Nighthawks

14. As a ten year old she finished dead last in figure skating at the 1924 Paris Olympics, but this didn't deter her for she went on to win the gold medal at the next three Olympics. For ten points, name this Norwegian figure skater.

Answer: Sonja Henie

15. In Germany he is a legendary figure; they say he never died but sleeps in a cave with his red beard still growing and will one day return to unite Germany. For ten points, name this Holy Roman Emperor of the 12th century.

Answer: Frederick I or Frederick Barbarossa(prompt if given Frederick or Barbarossa)

16. A massive German dictionary, which was designed to give the etymology and history of all words in the High German language from the time of Luther to that of Goethe (GEH-tuh), was started by two brothers in the mid-19th century. For ten points, give the last name of these brothers, better known for their collection of fairy tales, who died before completing their dictionary.

Answer: Jacob and Wilhelm Grimm

17. One of the strangest-looking "countries" on the planet, it consists of six discontinuous regions of mainland Africa. Currently led by President Kgosi Mangope, it has an area slightly bigger than Maryland, yet produces more platinum than the country which granted it independence in 1977. For ten points, name this region which is only recognized as a separate country by South Africa.

Answer: Bophuthatswana(BOH-poo-taht-SWAH-nah)

18. His literary accomplishments included an edition of Aesop's *Fables* intended to help children learn Latin, a book on money and interest rates, a poem for Oliver Cromwell, and editing a scientific text by his close friend Robert Boyle. For ten points name this physician and experimental philosopher who hypothesized in his most famous work that all ideas originate in experience.

Answer: John Locke

19. At the University of California-Berkeley, the introductory quantum mechanics course number is Physics 137. This number was chosen because it is very close to the reciprocal of an important physical constant. For ten points, name this ratio which is equal to e^2 over $h c$.

Answer: fine-structure constant

20. Research suggests that this structure can be up to sixty percent larger in women than in men, which might explain why women are generally better at multi-tasking and at verbalizing their feelings than men are. For ten points, identify this thick bundle of nerve fibres which connects the two hemispheres of the brain.

Answer: corpus callosum

21. This Spanish phrase originally referred to the legendary ruler of an Indian town near Bogota who was believed to plaster his naked body with gold dust during festivals, and then plunge into a lake to wash the dust off. His subjects then threw jewels and golden objects into the lake. For ten points, give this phrase that quickly came to mean an entire fabulous country of gold.

Answer: El Dorado

22. She caused a huge stir in 1968 when she spoke out against the Vietnam War while at a White House luncheon. Immediately blacklisted in America, she carried on with her sultry cabaret act in Europe. For ten points name this kittenish singer with over fifty albums who has portrayed both Helen of Troy and Catwoman.

Answer: Eartha Kitt

23. Along with Vladimir Nemerovich-Danchenko, he cofounded and directed Moscow's Art Theater. However, he is better known for writing "An Actor Prepares", "Building a Character", and "My Life in Art". For ten points, who is this Russian director who is famous for his "method" of acting?

Answer: Konstantin Stanislavsky or Konstantin Alekseyev

24. Some historians believe he was King Ahasuerus, husband of Esther in the Old Testament. But this Persian king who led the second Persian invasion of Greece was, for ten points, better known by what other name?

Answer: Xerxes

25. In the early 18th century many still believed that a land bridge connected Asia to North America. But, for ten points, name the Danish sailor who while working for Peter the Great disproved this theory.

Answer: Vitus Bering

26. The Tony Award for Best Play in 1962 became the Oscar-winning Best Picture in 1966. Moreover, the same actor won the Best Actor Tony and Best Actor Oscar for the same role. For ten points, name this play starring Paul Scofield, written by Robert Bolt, about Sir Thomas More.

Answer: A Man for All Seasons

27. Upon hearing news of his nomination, his wife fainted and his son Benjamin quipped "I hope he won't be elected." But this Democratic nominee known as "Young Hickory of the Granite

Hills" did win, beating his former commander Winfield Scott in the election of 1852. For ten points, name him.

Answer: Franklin Pierce

28. Some of his poems include "Corinna's Going A-Maying" and "Upon Julia's Clothes", but he is much better known for his opening lines of the poem "To the Virgins, to Make Much of Time". For ten points, name this Cavalier poet who wrote "Gather ye rosebuds, while ye may".

Answer: Robert Herrick

29. Darling Downs, the Simpson Desert, the Great Artesian Basin, the Nullarbor Plain, the Murray Region, and the Great Dividing Range, are for ten points, all geographic features of which continent?

Answer: Australia

30. Born in England in 1872, he wrote five operas. His two best-known are "Sir John in Love", based on Shakespeare's Falstaff, and "The Pilgrim's Progress", based on John Bunyan's work. For ten points, name this English composer who also wrote nine symphonies.

Answer: Ralph Vaughn Williams

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30 POINT BONUS

1. There have been many unusual love offerings in history, both factual and fictional. For ten points each, tell me TO WHOM the following love offerings were made.

- | | |
|---------------------------------|--|
| A. The head of John the Baptist | Answer: <u>Salome</u> (SAL-oh-may) |
| B. Skorpis Island | Answer: Jackie <u>Onassis</u> |
| C. Faust's Soul | Answer: <u>Margaret</u> or <u>Gretchen</u> |

30 POINT BONUS

2. Two notable stand-up comedians died in 1994, both of cancer-- one a brash, angry rock-n-roll comedian that many considered the next Lenny Bruce, the other a squint-faced former New York City schoolteacher with a delivery that made him sound a bit constipated. For fifteen points each, name these two comedians who died at the ages of 32 and 44, respectively.

Answers: Bill Hicks, Dennis Wolfberg

25 POINT BONUS

3. 25-10, name the thinker.

(25) A Cambridge mathematics professor, he collected the letters written to him by cranks with weird mathematical theories and published them in his 1872 book *A Budget of Paradoxes*.

(10) He made great contributions to the field of mathematical logic, including the theorem which proves that not p and q equals not p or not q.

Answer: Augustus De Morgan

30 POINT BONUS

4. Answer the following questions about the Indian Reorganization Act for 15 points each:

A: Appointed commissioner of the Bureau of Indian Affairs in 1933, he was instrumental in getting politicians and Indians to agree to the Act.

Answer: John Collier

B: The IRA was officially known by another name, for its two Congressional supporters. Give the Act's official name.

Answer: Wheeler-Howard Act

20 POINT BONUS

5. This Dutch airman and pioneer aircraft manufacturer produced more than 40 types of planes for the German High Command. The Allies turned his designs down. For 20 points, name this man who during World War I introduced a gear system that made it possible to fire a machine gun through a propeller without hitting the blades.

Answer: Anthony Fokker

30 POINT BONUS

6. Given one half of a pair of famous literary lovers, name the other half for 10 points each.

- A. Elizabeth Bennett
- B. Mattie
- C. Dulcinea

Answer: Fitzwilliam Darcy
Answer: Ethan Frome
Answer: Don Quixote
(or Alonso Quijano)

25 POINT BONUS

7. A professional stage magician in France near the turn-of-the-century, he saw great potential in the brand-new medium of motion pictures and created hundreds of clever little films, most using trick photography which still inspires awe today. French director Truffaut (true-FOE) paid homage to him by entitling his classic picture *The 400 Blows* after one of this man's films. For 25 points, name this pioneering French director who filmed *A Trip To The Moon* in 1902.

Answer: Georges Méliès(meh-LYEH)

20 POINT BONUS

8. These molecules contain 10 carbon atoms with double bonds or rings and aldehyde, ketone, or alcohol functional groups. They are responsible for the characteristic odor of plants such as eucalyptus, pine, mint, peppermint, and lemon. For 20 points, name this large group of organic compounds.

Answer: terpenes

30 POINT BONUS

9. The most generic name in English-speaking countries is "John Smith," but in Germany he'd be known as "Johann Schmidt." For fifteen points each, what's the translation of "John Smith" in the following countries? You must get first and last name correct.

- A. France
- B. Spain

Ans: Jean Le Fevreor Le Forge
Ans: Juan Fernandez or Hernandez

20 POINT BONUS

10. Name these famous cabinet members, given a description, for ten points each.

A. He was Secretary of State under John Adams in 1800 prior to being appointed as justice of the Supreme Court.

Answer: John Marshall

B. He was Secretary of Labor under Kennedy for one year before becoming a justice to the Supreme Court.

Answer: Arthur Goldberg

20 POINT BONUS

11. As you know, it's easier to keep a bicycle balanced while in motion than while standing still. Contrary to popular belief, and several science textbooks, this is not solely due to gyroscopic effects because a certain property of bicycle wheels is far too small to produce such a dramatic effect. First, for ten points, what is this physical property which measures the resistance to rotational motion?

Answer: moment of inertia

A moving bicycle stays stable because, if tipped, it will start to move in a large circle. This circular motion induces a force on the bicycle outwards from the center of motion, keeping it from falling. For another ten points, what is this force called if viewed from the frame of reference of the bicycle?

Answer: centrifugal force(do not accept "centripetal force")

25 POINT BONUS

12. This modern composer is as famous for his odd scores as for his spooky, dissonant music. One of his scores bends a regular music staff into a circle, and others are almost indecipherable. For 25 points name this American Pulitzer Prize-winning composer whose work *Black Angels* inspired violinist David Harrington to form the Kronos Quartet.

Answer: George Crumb

25 POINT BONUS

13. For five points apiece, name the four main valves of the human heart, with an extra five points if you can name them in the order of circulation.

Answers: tricuspid, pulmonary, mitral or bicuspid, aortic

20 POINT BONUS

14. Sampling got another rap artist in trouble in 1994 when Warren G had to pay up for using part of another musician's song as a recurring motif in his tune, "Regulate." For ten points each, name the former lead singer of the Doobie Brothers and his early 80's hit that was sampled without permission.

Answer: Michael MacDonald, "I Keep Forgetting"

30 POINT BONUS

15. For ten points each, identify these terms for ideas which form the basis of the Hinduist world-view:

A. The idea that each person lives through a series of lives; reincarnation.

Answer: samsara

B. The belief that it is action which causes the process of rebirth, and that the moral quality of actions performed previously determines the happiness or suffering experienced thereafter.

Answer: karma

C. Finally, the escape from rebirth to an ultimate state of bliss. Equivalent to the Buddhist principle of "nirvana".

Answer: moksa

30 POINT BONUS

16. For ten points each, give the main city in which or near which the following Shakespearean plays take place.

A. A Midsummer's Night Dream

Answer: Athens

B. Romeo and Juliet

Answer: Verona

C. Measure for Measure

Answer: Vienna

20 POINT BONUS

17. At the beginning of World War II, Europe controlled almost all of Africa... all, that is, except for two countries. For ten points each, name the two countries which were independent of any European nation in 1939.

Answers: Egypt, Liberia

30 POINT BONUS

18. Identify the country 30-20-10.

(30) The British suspended its Constitution in 1953, fearing "Communist Subversion".

At the time, Cheddi Jagan was its prime minister.

(20) Jagan's rival was Forbes Burnham, who later led this nation to independence in 1966.

(10) This country of 700,000 is surrounded by Suriname, Venezuela, and Brazil.

Answer: Guyana

30 POINT BONUS

19. For ten points each, name the scientist from his work.

A: *Novum Organum*

Answer: Francis Bacon

B: *De motu cordis et sanguinis*

Answer: William Harvey

C: *Dialogue on the Two Chief World Systems, the Ptolemaic and the Copernican*

Answer: Galileo Galilei

20 POINT BONUS

20. Answer the following for ten points each:

A: A famous picture from World War II shows American soldiers raising a flag on what mountain at Iwo Jima?

Answer: Mt. Suribachi

B: Who was the photographer of this famous picture?

Answer: Joe Rosenthal

30 POINT BONUS

21. Given the world city, name the major river which flows through it.

A. Vienna

Answer: Danube

B. St. Petersburg

Answer: Neva

C. Warsaw

Answer: Vistula

25 POINT BONUS

22. There has been a recent furor regarding the use of genetically engineered hormones in food production such as the use of Bovine Growth Hormone to get cows to produce extra milk. But no one seems to be complaining about cheese; for 25 points can you give the name of the genetically engineered enzyme, chemically similar to rennin, that is used to produce over half of this country's cheese?

Answer: chymosin (KYE-muh-sin)

25 POINT BONUS

23. Minnie is the owner of the Polka Saloon and she is in love with the outlaw Dick Johnson, who is pursued by Sheriff Jack Rance. No, it's not a TV western, but a well known opera. For 25 points, what opera?

Answer: The Girl of the Golden West (by Puccini)

20 POINT BONUS

24. Little Round Top, Big Round Top, and Cemetery Ridge are all geographical features in this historical town, the subject of Michael Shaara's "The Killer Angels". For 20 points, name this city.

Answer: Gettysburg

30 POINT BONUS

25. Name the city, 30-20-10:

(30) It was founded in 1836 as an end point of the Western and Atlantic railroad, and was called Terminus.

(20) In 1843, the city name was changed to Marthasville. It was changed to its current name in 1845.

(10) In 1868 it became its state capital.

Answer: Atlanta