

T01. Based on the color theories of Chevreul, its aim was to achieve greater pictorial luminosity by placing small marks of pure primary color on the surface, allowing them to merge at a viewing distance to create an optical mixture. For ten points, identify this art movement, most associated with Georges Seurat.

**Answer:** Pointillism or Divisionism

T02. When his best known book was first released in 1923, it sold only 1,159 copies, but in 1962, it sold 240,000 copies. His last wish was that the royalties from that book go to his home country, Lebanon. For ten points, identify this writer of *The Prophet*.

**Answer:** Kahlil Gibran

T03. His grave was filled with cement to deter grave robbers who might want to use his body as a side show. During the Civil War, he served the Union as scout for the 9th Kansas cavalry. Through the works of E.Z.C. Judson, aka Ned Buntline, he became famous world-wide. For ten points, identify this man, star of his own "Wild West" show.

**Answer:** William Frederick "Buffalo Bill" Cody

T04. Prometheus was bound to a rock on the Caucasus, but he did have visitors from time to time. One was a heifer who talked like a girl mad with grief. She had been turned into a cow by Zeus after having an affair with him. For ten points, name this tortured woman who eventually was returned to human form and became an ancestor of Hercules.

**Answer:** Io

T05. He "busies giddy minds with foreign quarrels" to create national unity. He demands the rights of Edward III from the Dauphin. Falstaff's old cronies follow him to France, where he rallied the men to Calais and the Somme. He then tests his men in disguise, then bolsters his men to a rout at Agincourt. For ten points, who is this Shakespearean character, filmed by Olivier and Branagh?

**Answer:** Henry V

T06. Born in Cincinnati, Ohio, in 1924, she became a successful band singer with Les Brown, joining Frank Sinatra in *Saturday Night Hit Parade* in the late 1940s. In 1948, she appeared in *Romance on the High Seas* and became an instant success. For ten points, name this musical-comedy star of such films as *Do Not Disturb*, *Glass Bottom Boat*, *The Pajama Game*, and *Pillow Talk*.

**Answer:** Doris Day

T07. He used balloons to investigate atmospheric composition and the Earth's magnetic field. His work with gases provides a basis for both Avogadro's and Dalton's work. His law states that when gases combine, the volume of the reacting gases is equal to the volume of the product. For ten points, identify this French chemist and physicist.

**Answer:** Joseph Louis Gay-Lussac

T08. Formerly known as Ubangi-Shari, its national language is Sango. One time emperor Jean Bedel Bokassa was famous for spending approximately one-fourth of his nation's GNP on his coronation. For ten points, name this nation bounded by Chad, Zaire, the Congo, Sudan, and Cameroon.

**Answer:** Central African Republic

T09. The "Omega Point" was the second coming of Christ or the integration of all individual consciousness in his ideology, stated in *The Phenomenon of Man*. His work in the discovery of Peking Man caused Church to anger, but he didn't find evolution and Christianity mutually exclusive. For ten points, name this French priest, noted for his work in paleontology and philosophy.

**Answer:** Pierre Teilhard de Chardin

T10. Originally titled *The Sea in Being*, it was intended to be one of a four volume series set in the Caribbean. It was recently made into a TV movie starring Anthony Quinn as Santiago. For ten points, name this Ernest Hemingway novel which won the 1954 Pulitzer Prize.

**Answer:** The Old Man and the Sea

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T11. It manufactures red blood cells in the fetus during pregnancy and continues after birth if the bone marrow isn't ready to function. This organ also houses certain white blood cell formations and filters foreign organisms and old red blood cells from the bloodstream. For ten points, name it.

**Answer:** Spleen

T12. The name's the same: Carol developed the moral stage theory for females in psychology in his book *In a Different Voice*. The other may have a first name Willy or Robert, whose clumsy attempts to help, kept Mary Ann, the Skipper, et.al. on "his" island for years. For ten points, what's the common name?

**Answer:** Gilligan

T13. In 1953, his health deteriorated due to Addison's disease and agonizing back ailments. He was awarded a Pulitzer Prize in 1957 for his study of principled politicians *Profiles in Courage*. For ten points, name this man.

**Answer:** John F. Kennedy

T14. Founded in 1842, it merged in 1928 with Symphony Society. This orchestra usually has a membership of 106 musicians. Past conductors include Pierre Boulez, Toscanini, and Leonard Bernstein. For ten points, name this orchestra whose current conductor is Zubin Mehta.

**Answer:** New York Philharmonic Orchestra

T15. After serving briefly as a tutor and Wells Fargo guard, he became an apprentice printer for the *Northern Californian* in 1857 and soon became a reporter. He began contributing sketches to literary magazines, later founding the *Overland Monthly*. For ten points, name this local color writer of "The Luck of Roaring Camp" and "The Outcasts of Poker Flat\$."

**Answer:** Bret Harte

T16. Its inventor, for whom it is named, invented it in 1225 to solve a puzzle about the breeding rate of rabbits. The sequence occurs in nature, such as the number of leaf buds on a plant stem. For ten points, identify this sequence in which each number after the first two is the sum of the previous two.

**Answer:** Fibonacci sequence

T17. This sect has become popular in the west through the writings of Christmas Humphreys, Alan Watts and D.T. Suzuki. Pupils work to solve koans, logically insoluble riddles. For ten points, name this Buddhist sect, probably founded by the Indian monk Boddhidharma.

**Answer:** Zen

T18. Discovered by Tennant in 1804, it occurs naturally as an alloy with platinum or osmium. The former standard meter was composed of it and a platinum alloy. For ten points, what is this element with atomic number 77?

**Answer:** Iridium

T19. In 1845, a man from San Antonio took over 400 head of stock cattle and kept them under the watchful eye of a truly incompetent ranch hand. After 11 years, he wound up with fewer cattle than he'd started with, because his calves went unbranded and were subsequently branded by unscrupulous neighbors. For ten points, name this unfortunate rancher whose name came to refer to any unbranded animal and is now a synonym for "renegade."

**Answer:** Samuel Maverick

T20. Named for the Connecticut town where it was first described in 1974, this disease is hard to detect because its symptoms mimic those of other illnesses. It is noted by a characteristic rash. For ten points, name this tick-borne bacterial infection.

**Answer:** Lyme Disease

- B01. [30 points] Identify this existentialist writer on a 30-20-10 basis.
- [1] *Coming of Age* is this existentialist's view on aging and the philosophical problems that it brings.
  - [2] This author won the Prix Goncourt for *The Mandarins*, which was about the feud between Sartre and Camus. Other novels include *The Blood of Others*.
  - [3] Lover of Jean-Paul Sartre, her most influential work, *The Second Sex*, helped feminism.
- Answer:** Simone de Beauvoir

B02. [25 points] Identify the cell organelle that performs the following. Five points for each correct answer and a five point bonus if all four are correct.

- |                                                     |                                    |
|-----------------------------------------------------|------------------------------------|
| [1] center of protein synthesis                     | <b>Answer:</b> <u>Ribosome</u>     |
| [2] site of respiration                             | <b>Answer:</b> <u>Mitochondria</u> |
| [3] house enzymes for cellular digestion            | <b>Answer:</b> <u>Lysosome</u>     |
| [4] in plants, house pigments seen in autumn leaves | <b>Answer:</b> <u>Chromoplast</u>  |

B03. [30 points] For ten points, who was the only speaker of the House to become President?  
**Answer:** James K. Polk

For ten points each, name the only two Speakers of the House to become Vice President. If it helps any, one was Speaker for the 38th, 39th, and 40th Congress, while the other held the gavel for the 72nd.

**Answer:** Schuyler Colfax and John Nance Garner

B04. [25 points] For five points each, identify these characters or events from Goethe's *Faust*.

- [1] This demon tempts Faust.
  - [2] Faust seduces this girl, but her faith in God remains.
  - [3] This dwarf is created to replace mankind's reliance on sex for reproduction.
  - [4] Homunculus leads Faust to watch this witches' Sabbath.
  - [5] This Greek beauty appears to Faust during Walpurgis Night.
- Answer:** [1] Mephistopheles, [2] Gretchen, [3] Homunculus, [4] Walpurgis Night, [5] Helen

B05. [25 points] In the old days, the Academy of Motion Picture Arts and Sciences would give special citations to outstanding child actors. But nowadays, a child actor will be nominated for the regular acting Oscar. Identify the juvenile nominated (or even winning) for the following films for 5 points each.

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|-------------------------------|--------------------------------------|
| [1] <u>The Miracle Worker</u> | <b>Answer:</b> <u>Patty Duke</u>     |
| [2] <u>Paper Moon</u>         | <b>Answer:</b> <u>Tatum O'Neal</u>   |
| [3] <u>Taxi Driver</u>        | <b>Answer:</b> <u>Jodie Foster</u>   |
| [4] <u>Kramer vs. Kramer</u>  | <b>Answer:</b> <u>Justin Henry</u>   |
| [5] <u>The Goodbye Girl</u>   | <b>Answer:</b> <u>Quinn Cummings</u> |

B06. [30 points] Identify these mathematicians who helped form non-Euclidean geometry for 15 pts. each.

- [1] Born in 1802, he developed hyperbolic geometry and the theory of absolute space under the tutelage of his father.
  - [2] Born in 1793, in 1826, he independently developed hyperbolics and helped establish non-Euclidean geometry as a serious field in his native Russia.
- Answer:** [1] Jaños Bolyai, [2] Nikolai Lobachevsky

B07. [30 points] *Uncle Tom's Cabin* is subtitled "Life Among the Lowly" and *Moby Dick* is subtitled "The Whale." For ten points each, identify the work of American literature which has the following subtitle.

- [1] "The Source of the Susquehanna"
  - [2] "A Tale of Acadia"
  - [3] "A True Account of a Multiple Murder and its Consequences"
- Answer:** [1] The Pioneers, [2] Evangeline, [3] In Cold Blood

B08. [30 points] For famous Russian composers, it seems also *de rigueur* to compose an opera based on something by Pushkin. I'll give you the Pushkin work, for ten points each, name the composer of the opera.

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|-------------------------|-----------------------------------------|
| [1] Eugene Onegin       | <b>Answer:</b> Peter <u>Tchaikovsky</u> |
| [2] Boris Gudunov       | <b>Answer:</b> Modest <u>Mussorgsky</u> |
| [3] Ruslan and Lyudmila | <b>Answer:</b> Michael <u>Glinka</u>    |

B09. [25 points] Of course you know your U.S. states and your Australian and Canadian provinces and territories. But how well do you know Latin America? For five points each, name the Latin American nations which contain the following states, districts, provinces, or whatever:

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|---------------------------------------|---------------------------------|
| [1] Bahia, Parana, and Mato Grosso    | <b>Answer:</b> <u>Brazil</u>    |
| [2] Matanzas, Camaguey, and Granma    | <b>Answer:</b> <u>Cuba</u>      |
| [3] Jalisco, Campeche, and Chihuahua  | <b>Answer:</b> <u>Mexico</u>    |
| [4] Mendoza, Santa Cruz, and La Pampa | <b>Answer:</b> <u>Argentina</u> |
| [5] Presidente Hayes                  | <b>Answer:</b> <u>Paraguay</u>  |

B10. [30 points] For five points each, identify the artist or group which recorded the following songs.

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|----------------------|-------------------------------------------|
| [1] "American Pie"   | <b>Answer:</b> Don <u>McLean</u>          |
| [2] "American Tune"  | <b>Answer:</b> Paul <u>Simon</u>          |
| [3] "American Music" | <b>Answer:</b> the <u>Pointer Sisters</u> |
| [4] "American Made"  | <b>Answer:</b> <u>Oak Ridge Boys</u>      |
| [5] "American Storm" | <b>Answer:</b> Bob <u>Segar</u>           |
| [6] "American Woman" | <b>Answer:</b> the <u>Guess Who</u>       |

B11. [30 points] Identify this military unit on a 30-20-10 basis.

- [1] Their logo was designed by the Walt Disney Studios.
- [2] Volunteers were recruited through the cover operation of CAMCO, or Central Aircraft Manufacturing Company. The unit eventually became the U.S. 14th Air Force.
- [3] Retired Air Corps officer Clair Channault's men were paid \$600 a month plus \$500 for each kill.

**Answer:** Flying Tigers or American Volunteer Group

B12. [20 points] Identify these terms concerning wave motion for five points each and a five point bonus if you get all three correct.

- [1] This is the bending of the path of a wave as it passes obliquely from one medium into another.
- [2] This is the bending of a wave around a barrier.
- [3] This is the effect of superimposing two or more wave trains.

**Answer:** [1] Refraction, [2] Diffraction, [3] Interference

B13. [25 points] Born in 1923, she died in 1971. Her work plumbs with profound empathy the existence of human beings caught in the coils of modern chaos. Her photography includes studies of freaks. Her 1962 photograph *Child with Toy Hand Grenade, New York* is one of her best works. For 25 points, name this American photographer.

**Answer:** Diane Arbus

B14. [25 points] For five points each, identify these Roman gods or goddesses.

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|-------------------------------------------|-------------------------------------------------|
| [1] god of sleep                          | <b>Answer:</b> <u>Somnos</u> or <u>Morpheus</u> |
| [2] goddess of wisdom                     | <b>Answer:</b> <u>Minerva</u>                   |
| [3] god of wine                           | <b>Answer:</b> <u>Bacchus</u>                   |
| [4] god of agriculture, father of Jupiter | <b>Answer:</b> <u>Saturn</u>                    |
| [5] wife of Saturn                        | <b>Answer:</b> <u>Ops</u>                       |

B15. [20 points] They form a network of channels throughout compact bone tissue. Each of them contains blood and lymph vessels, connective tissue, and nerves. They carry nourishment to the periosteum and are surrounded by layers of osteons. For 20 points, name these bone structures named for their 17th century English discoverer.

**Answer:** Haversian Canals or Channels

B16. [25 points] For five points apiece, identify the creators of the following comic strip characters.

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|--------------------------------------------------------|-------------------------------------|
| [1] Boob McNutt and Professor Lucifer Gorgonzola Butts | <b>Answer:</b> Rube <u>Goldberg</u> |
| [2] Pruneface and Flattop                              | <b>Answer:</b> Chester <u>Gould</u> |
| [3] Churchill Lafemme and Seminole Sam                 | <b>Answer:</b> Walt <u>Kelly</u>    |
| [4] Barbara Boopstein and Mark Slackmeyer              | <b>Answer:</b> Garry <u>Trudeau</u> |
| [5] Billy, Dolly, Jeffy, and P.J.                      | <b>Answer:</b> Bil <u>Keane</u>     |

B17. [25 points] Edgar Allen Poe is best known for his short stories, but he was also an accomplished poet. For five points apiece, identify the Poe poem given a brief quotation.

- [1] "Deep into that darkness peering, long I stood there wondering, fearing ..."
- [2] "And this maiden she lived with no other thought / Then to love and be loved by me"
- [3] "What a world of happiness their harmony foretells ..."
- [4] "He might not sing so wildly well / A mortal melody / While a bolder not than this might swell / From my lyre within the sky"
- [5] "... thy beauty is to me / Like those Nicean barks of yore."

**Answer:** [1] The Raven, [2] Annabel Lee, [3] The Bells, [4] Israfel, [5] To Helen

B18. [30 points] Identify the composer from a list of his works on a 30-20-10 basis.

- [1] The scores for the films *The Heiress* and *The Red Pony*
- [2] *Lincoln Portrait*
- [3] *Fanfare for the Common Man* and *Billy the Kid*

**Answer:** Aaron Copland

B19. [30 points] Identify the regal name on a 30-20-10 basis.

- [1] Queen of Rumania, consort of Carol I; and empress of Austria, consort of Franz Josef
- [2] Czarina of Russia, 1741-72, daughter of Peter the Great and Catherine I
- [3] Queen of England, 1558-1603

**Answer:** Elizabeth

B20. [30 points] Pencil and paper ready? Given the following numbers: 3, 7, 2, 4, 3, 0, 4, 8, 7, 12, 5.

- [1] For five points, what is the median?
- [2] For ten points, and within 10 seconds, what, to the nearest tenth, is the mean?
- [3] For 15 points, within 15 seconds, and within one-tenth, rounded to the nearest tenth, what is the standard deviation?

**Answer:** [1] 4, [2] 5 (accept 4.9 or 5.1), [3] 2.1 or 2.2 or 2.3 (also accept the square root of 5)