

1000
Armstrong
1-17-86

College Bowl Tournament Round Number 828 *

1. What one word can serve as a prefix to all the following words: screw, man, pile, cut, cock, shed, work, chuck, and wind?
\wood\
2. One type of bond is called a sigma bond and it involves end-to-end overlap of two orbitals. What is the name of the bond with a sideways overlap of orbitals?
\pi bond\
3. On March 10, 1849, he obtained a patent for a "new and improved manner of combining adjustable buoyant air chambers with a steamboat or other vessel for the purpose of enabling their draught of water to be readily lessened to enable them to pass over bars, or through shallow water." The invention was never put into practical use, but it remains of interest as the only patent ever issued to a future president of the U.S. Who was the president?
\Abe Lincoln\
4. His book, The Powers That Be, attempted to duplicate the success of his The Best and the Brightest. Name this Journalist-author.
\David Halberstam\
5. He was the first light heavyweight champion ever to defeat a heavyweight champion. The year was 1985. Who beat Larry Holmes?
\Michael Spinks\
6. It is the study of the properties of geometric forms that remain invariant under certain transformations, such as bending and stretching. What is this branch of mathematics?
\topology\
7. At first limited to 10 novels, the series known as Les Rougon-Macquart eventually expanded to 20. The novels were central to the Naturalist movement in France. Who was the author?
\Emile Zola\
8. This younger brother of Edward IV of England was created Duke of Gloucester at Edward's coronation in 1461 and served his brother faithfully during Edward's lifetime, despite what Shakespeare said about him. Name this nobleman and later monarch.
\Richard III\
9. "I'm a genius," he said, "ugly buildings make my teeth hurt." Who was this brilliant, but irascible architect who transformed the face of America with such works as the Johnson Wax Building?
\Frank Lloyd Wright\
10. Which one of the following people would be most likely to subscribe to the "Lump of Labor Fallacy": a baker, a politician, a union leader, or the head of General Motors?
\union leader (fallacy says that the total amount of productive work to be done is constant in the short run)\
11. His 12-year reign ended in 1985 with his death. During his

term in office, he had made dramatic changes in the Church of Jesus Christ of Latter-day Saints. Name this Mormon leader.
\Spencer Kimball\

12. From where does the following come: "Our home and native land /True patriot love in all our sons command /With glowing hearts we see the light /The true north, strong and free /And stand on guard"?
\O Canada or Canadian National Anthem\

13. Heraclitus discovered it, Hegel named it, and Marx materialized it. What is this philosophical term?
\dialectic\

14. The human heart has 4 chambers. How many lobes does the human liver have?
\four (right, left, caudate, and quadrate)\

15. Lord Montbatten was the last British governor-general of India. FTP, who was the first?
\Warren Hastings\

16. This artist said, "I want to be as though new-born, knowing nothing." He consciously set out to look at the world through the eyes of a child in order to acquire a spontaneity untroubled by reason. Among his works are Apparatus for Magnetic Treatment of Plants and Twittering Machine. Name this 20th-century artist.
\Paul Klee\

17. He has 4 arms, each holding a book, and 4 mouths, each of which recites from one of the books, which are the eternal laws, the Vedas, to which he must conform in the execution of his task. Who is this creative God of Hindu mythology?
\Brahma\

18. This U.S. city is located on a long, narrow peninsula between the Ashley and Cooper rivers at the head of the bay formed by their confluence. The city dates from 1670 when the English under William Sayle settled near it. What is it?
\Charleston, S.C.\

19. This building was located at the corner of Broad and Pearl streets in NYC. It had been the De Lancey mansion before 1762, when it was opened as a tavern. It was a gathering place for the Sons of Liberty and in its Long Room in 1783 Washington made his famous farewell to his officers. Name this tavern, still open to the public as a restaurant and a museum.
\Fraunces Tavern\

20. In what Dickens novel does the title character come to America to seek his fortune, barely survive his efforts to live in a western settlement, see American manners and morals at their very worst, and return to England greatly disillusioned?
\Martin Chuzzlewit\

***** BONUS FOR ROUND 828 *****

1. (30 pts) Name these famous cattle trails of the Old West.
 - a. The trail that went from San Antonio, Texas to either Kansas City or Junction City, Kansas. Answer; Shawnee Trail
 - b. The trail that went from Bandera, Texas to Dodge City, Ks. and then to Ogallala, Nebraska. Answer: Chisholm Trail
 - c. The trail that went from Fort Concho, Texas to Fort Sumner, New Mexico, and then on to Pueblo, Colorado.
\Goodnight-Loving Trail\

2. (25 pts) This poem appeared in 1601 as one of the appended poems to Robert Chester's Love Martyr. It is like nothing else that Shakespeare wrote, and scholars have speculated that he may have been trying to echo the crabbed "metaphysical" style of Donne. Give me the title of this short poem by Shakespeare.
\The Phoenix and the Turtle\

3. (20 pts) This is the minimum distance from a planet at which a satellite can revolve in a state of equilibrium. It is about 2.44 times the radius of the planet. What name is given to this theoretical limit?
\Roche Limit\

4. (30 pts) This film of 1946 garnered 4 major academy awards. FFP each--30 for all 4 correct--answer these questions about it.
 - a. Name this 1946 film. Answer: The Best Years of Our Lives
 - b. Name the actor who played the part of Al Stephenson and who won an Oscar for Best Actor for The Best Years of Our Lives.
\Frederic March\
 - c. The director of the movie also won an Oscar, the second of three directing awards he won. Who? Answer: William Wyler
 - d. The supporting actor Oscar for that year went to an actor who made his first and only film appearance in The Best Years. Give me the name of the amputee who played Homer Parrish.
\Harold Russell\

5. (25 pts) Taking advantage of France's revolutionary turmoil, Prussia and Austria invaded northeastern France. In a battle of maneuver and artillery fire, the French turned back the invaders under the Duke of Brunswick, thereby saving Revolutionary France. Name this battle of 1792.
\Valmy\

6. (20 pts) Who wrote the following works of American literature?
 - a. The Man Without a Country Ans. Edward Everett Hale
 - b. The Man with the Hoe Ans. Edwin markham
 - c. The Man with the Golden Arm Ans. Nelson Algren
 - d. The Man Against the Sky\E. A. Robinson\

7. (20 pts) What are the capitals of these African countries?
 - a. Central African Republic Answer: Bangui
 - b. Burundi Answer: Bujumbura
 - c. Niger Answer: Niamey
 - d. Togo\Lome\

8. (30 pts) The 1985 baseball season saw a number of records

broken--but this bonus is about the little records--the things only serious sports fan noticed.

a. Who was the first ever AL player to hit more than 20 homers and steal more than 50 bases in the same season?

\Rickey Henderson\

b. Who set a big-league record with 32 intentional walks, breaking Ted Williams' record of 31?

\George Brett\

c. Who was the first player since George Kell in 1950 to drive in more than 100 runs while hitting fewer than 10 homers. Hint: he is a NL infielder.

\Tommy Herr\

9. (25 pts) This Carthaginian explorer sailed through the Strait of Gibraltar and down the west coast of Africa shortly after 500 BC. He wrote an account of his voyage which was preserved in Greek copies, but since he wrote it in a code, its exact content is still unknown. Name him.

\Hanno\

10. (25 pts) The music to this popular song is attributed to Theodore Metz and the words to Joseph Hayden. It is about a camp prayer meeting, though rumor has it that it was originally about a bawdy house. It became immensely popular during the Spanish-American War and was played by a band during the assault on San Juan Hill. Later it became T. Roosevelt's campaign song. Name this song.

\ "A Hot Time in the Old Town Tonight" \

11. (20 pts) FFP each, what nation is the primary or leading producer of these metals?

a. tin Answer: Malaysia

b. gold Answer: South Africa

c. lead Answer: United States

d. zinc

\Canada\

12. (20 pts) Identify these major Old Testament prophets.

a. The great prophet of Judah, he stressed the holiness of God and a consciousness of man's sinfulness. He also foretold the coming of the Messiah king who would save Israel.

\Isaiah\

b. The prophet who during the time of the Babylonian invasion warned the Judeans of their impending defeat and exile, which was God's punishment for their corruption.

\Jeremiah\

13. (20 pts) All of the southern African subcontinent, south of a line from the Bight of Benin to southern Somalia, is dominated linguistically by a single language. Name this major language family, comprising some 400-odd different languages, all as closely related as the Romance languages.

\Bantu\

14. (25 pts) In 1985 Premier Nikolai Tikhonov "resigned" and was replaced by a 55-year-old technocrat, a top lieutenant of Mikhail Gorbachev. Who is this Premier of the USSR?

\Nikolai I. Ryzhkov\

15. (20 pts) He was a Union general and commanded the Army of the Tennessee in Sherman's march to the sea. An advocate of Negro

betterment, he was chief commissioner of the Freedmen's Bureau till 1872 and a founder and president of a college for blacks. Name him.

\Oliver Otis Howard\

16. (25 pts) Pen and Paper. A solenoid .5 meters long has 10 to the 3rd turns of wire and carries one amp of electric current. What is the magnetic field inside the solenoid? Express your answer in webers per meter squared.

\8 pi times 10 to the minus 4th webers per meter\

17. (25 pts) He is believed to be the first legendary American hero invented by an immigrant group, the Hungarian and Slavic steel-mill workers of the Pittsburgh region. He is to them what Paul Bunyan is to lumbermen. His name is still applied to any man who is an especially hard worker. Name this legendary steel man.

\Joe Magarac\

18. (30 pts) Give the common surname of these people. 30-20-10 one. William succeeded Samuel Gompers as President of the AFL from 1924 to 1952.

two. Theodore Francis was the oldest man ever to serve in the US Senate. Elected in 1936 at the age of 69, he continued to serve until the age of 93 in 1961.

three. Paul was a dramatist who wrote The Last Colony, In Abraham's Bosom, and The Common Glory.

\Green\

19. (20 pts) This prolific artist who has been widely copied, caused havoc in art circles by rejecting works with his signature while recognizing others that are unsigned as his own. Name this Italian pioneer of surrealism who died in 1978 at the age of 90.

\Giorgio de Chirico\

20. (20 pts) The 1980 census saw some dramatic changes in the ranking of the states, but the last 3 states in population didn't change at all. Name two of the 3 states with the smallest population for 10 points; for 20, name all 3.

\Alaska, Wyoming, Vermont\