

1999

Thumbs On Ice Buzzer Revue
Wichita State University

Round 2

1. Human hemoglobin's affinity for it is 210 times that for diatomic oxygen. Although it normally binds to 0.3 to 0.5 percent of the hemoglobin in the blood stream, exposure to air that is only 0.1 percent of this gas will reduce the blood's normal oxygen-carrying capacity by 60%. For ten points, name this odorless pollutant gas emitted by car engines.

ANSWER: carbon monoxide or CO

2. Don Francisco Cuervo established it in the early 1700s by naming it for the duke who had to approve his application. Its downtown area still boasts four Confederate cannons. In 1889, it got the university while its rival Santa Fe got the penitentiary. For 10 points, identify this largest city in New Mexico.

Answer: Albuquerque

3. Samples of this process include the drop in temperature of an aerosol can as its gases are expelled, or in an automobile where the fuel-air mixture is compressed to heat it prior to ignition. FTP, what name describes any physical process in which quantities such as pressure and volume are varied without any substantial transfer of heat energy to the surroundings.

Answer: Adiabatic Process

4. It proclaimed the right of all peoples to choose their own form of government and not to have boundary changes imposed on them, the right of all nations to have access to the earth's natural resources, the advocated economic cooperation among nations. It expressed the hope that, after the defeat of the Nazis, all countries would be able to feel secure from aggression, and that the people of the world would be free from fear and want. It recognized the principle of freedom of the seas, expressed the conviction that humanity must renounce the use of force in international relations, and affirmed the need for disarmament after the expected Allied victory. FTP, identify this joint declaration of the United States and Great Britain proclaimed aboard a warship off the coast of Newfoundland in August 1941.

Answer: Atlantic Charter

5. Its name is the same as the first-mentioned name of the son of Constance in Chaucer's "The Lawyer's Tale". Mark Twain visited this island named for a Dutch prince and said, "God created [it] and then the heaven." FTP, identify this country, named "Isle du France" by the French in the 18th century, which lies off the coast of Africa and was the origin of the dodo bird.

ANSWER: MAURITIUS

6. On July 26, a few days before the new legislature was to meet, the minister of domestic affairs issued ordinances completely suspending the liberty of the press and declaring the new elections null and void. The people revolted, and rebels took possession of the municipal government in the city hall. By July 29, after three days of fighting, the entire city was in the hands of the workers and the middle class. King Charles X withdrew his minister's ordinances, but it was too late. Charles was forced to abdicate, and he fled to England. The workers advocated a republican form of government, but the liberals, supported by statesman Marquis de Lafayette, favored a limited monarchy under Louis Philippe, duc d'Orléans. On August 9, Louis Philippe was elected king. FTP, identify this 1830 French uprising.

Answer: July Revolution

7. She hides as a schoolmistress, assuming the last name Elliott, but the revelation of her true identity brings the knowledge that she is the sole heir to a fortune, as well as cousin to her friends, the siblings Diana, Mary, and St. John Rivers, much nicer than the children of her aunt, Mrs. Reed. For ten points, name this heroine of a Brontë sister novel.

ANSWER: Jane Eyre

8. In 1826 he published Theory of Electrodynamical Phenomena. He invented the astatic needle, paving the way for the modern galvanometer. He showed that two parallel conductors carrying currents traveling in the same direction attract each other and repel each other when traveling in the opposite direction. FTP, name this French scientist who has a unit of electric current named for him.

Answer: Andre Marie Ampere

9. His fundamental teachings were: there is one God; people must in all things submit to Him; in this world nations have been amply punished for rejecting God's prophets, and heaven and hell are waiting for the present generation; and that the world will come to an end with a great judgement. FTP, who was the son of Aminah, of the tribe of Quraysh, who had many wives, fled to Medina, and later took control of Mecca.

Answer: Mohammed

10. His friendship with George McClellan allowed him to create a Secret Service for the Department of the Ohio. After the Civil War, his employees threw a bomb into Jesse James's homestead and infiltrated the Molly Maguires. For 10 points, identify this businessman who once had more employees than the U.S. Army and whose detective agency's motto was "We Never Sleep."

Answer: Allan Pinkerton

11. It was based on astrological ideas of the day, not the mythology or astronomy that later generations have attached to it. A patriotic hymn to England called I Vow to Thee, My Country, was taken from it. It contains a Mystic, a Magician, a Bringer of Jollity, and a Bringer of War, but it does not contain Pluto or Earth. FTP, can you name this orchestral suite about the solar system by Gustav Holst?

Answer: The Planets

12. It was instituted as a separate force in 27 BC with the organization of 9 cohorts, each consisting of 500 men, under the command of a prefect. Its members served 16 years, receiving special privileges and pay, and gradually began to exercise their political power in an unscrupulous manner, deposing and elevating emperors at their pleasure. FTP, identify this only large permanent body of troops allowed in Rome itself, the bodyguard of the ancient Roman emperors.

Answer: Praetorian Guard

13. The generic name for a group of fat-soluble alcohols, it is produced by the reaction of ultraviolet light with ergosterol (UR-go-stare-all), which is converted to cholecalciferol (COAL-cal-siff-ur-all) and ergocalciferol (UR-go-cal-siff-ur-all). Further reactions in the liver change these products into compounds which participate in the absorption of calcium in the blood and formation of bone. FTP, name this compound, a deficiency of which causes rickets.

Answer: VITAMIN D

14. Until he was eight years old, his family lived in Tuscany; then in 1312 they moved to Avignon, France. In 1326, after the death of his father, he returned to Avignon after having studied law at Bologna. He took minor orders in the church about 1330. On Good Friday in 1327 he first saw a Frenchwoman whose name he was to immortalize in his lyrics and who inspired him with a passion that has become proverbial for its constancy and purity. FTP, identify this Italian poet and humanist, considered the first modern poet, who immortalized Laura.

Answer: Petrarch

15. The last of his series of four bronze sculptures known as "The Back" was finished in 1930, when he was more than 60 years old. When he was past 80 and in a wheelchair, he created a series of paper cutouts called "Swimming Pool". For 10 points, name this French artist who, in his younger days, painted masterpieces like "The Red Room" and was something of a "wild beast."

Answer: Henri Matisse

16. His left eye was damaged in a fight, explaining the phases of the moon, but was healed, symbolized by the wedjat eye. Later identified with Apollo, his eye had been injured as he was avenging his father's murder by defeating Set. For ten points, name this Egyptian god identified with the falcon.

ANSWER: Horus

17. This band was formed in 1973, ten years after two members had moved from Scotland to Sydney. After a year of working with temporary bassists and drummers they settled on drummer Phil Rudd and bassist Mark Evans in 1974. The group had gained a solid reputation in their homeland early on, but it wasn't until their 5th album, released in 1979, went platinum that they became a presence on the American charts. FTP, identify this group whose original lead singer, Bon Scott, died in 1980 following a drinking binge and was replaced by Brian Johnson for their multi-platinum "Back in Black" album.

Answer: AC/DC

18. When Bela Kun's Hungarian Soviet Republic collapsed in 1919, he fled to Vienna, where he continued his writing. After Hitler's rise to power, he moved to the USSR and worked at the Institute of Philosophy of the Soviet Academy of Science. He returned to Hungary in 1945 and became a member of parliament. In 1956 he took part in the Hungarian revolution; after its failure he lost his influence with the Communist Party, but was allowed to live in retirement and continue his writing. In his writings Marxism is combined with his belief in humanism, and among his major books are *History and Class Consciousness*, *Studies in European Realism*, and *The Destruction of Reason*. FTP, identify this Hungarian literary critic and political theorist.

Answer: Gyorgy_Lukacs_

Tiebreaker

19. She was born Chloe Anthony Wofford in 1931. Her first novel, *The Bluest Eye*, published in 1970, is a novel of initiation into adulthood. Following novels include *Sula*, *Song of Solomon*, and *Tar Baby*. She won the Pulitzer Prize in 1987 for a novel that became a movie starring Samuel L. Jackson and Oprah Winfrey in 1998. FTP name this Nobel Prize-winning author of *Jazz* and *Beloved*.

Answer: TONI_MORRISON_
