

I.B.A. Academic League Round 3 - Individual Questions - November 1990

1. He began his adult life as a bookkeeper, but eventually amassed millions, which he distributed philanthropically to such institutions as the University of Chicago. In the late 1860s he organized a small oil refinery, and by 1880 he had a virtual monopoly on American oil refining. For 10 points, name this magnate of the Standard Oil Company.

Answer: John D. Rockefeller

2. Treated with exposure to sunlight and large doses of vitamin D, this disease results from the bodies inability to use calcium to harden the growing bones of children. For 10 points, identify this deficiency disease.

Answer: Rickets

3. This novel has been called "the Uncle Tom's Cabin of the Depression." It concerns a dispossessed family of migrant workers, the Joads, who travel from Oklahoma, hoping for a better life in California. For 10 points, name this 1939 novel by John Steinbeck.

Answer: The Grapes of Wrath

4. This Nazi leader was arrested two weeks after the German surrender and committed suicide two days later. In 1929 he was promoted to leader of the SS storm troopers and in 1936 was made commander of unified German police forces. For 10 points, identify this notorious leader of the Gestapo.

Answer: Heinrich Himmler

5. This nation's land is dominated by the delta of the Meghna, Brahmaputra, and Ganges Rivers, and it is subject to frequent devastating floods. For 10 points, identify this country formerly known as East Pakistan.

Answer: Bangladesh

6. Born in Italy, he began his conducting career with the Rio de Janeiro Opera in 1886. He became musical director of La Scala in Milan and later conducted the Metropolitan Opera, the New York Philharmonic, and the NBC Symphony. For 10 points, name this great conductor.

Answer: Arturo Toscanini

7. After Union victories in Tennessee in 1862, this man was appointed military governor of that state. Though he had supported John C. Breckinridge for President in 1860, Lincoln chose him as his running-mate in 1864. For 10 points, name this President who was impeached by the House of Representatives in 1868.

Answer: Andrew Johnson

8. Pencil and paper ready? You are a sailor at sea, and as you clutch a 5 kilogram anchor in your hand, you assume the acceleration due to gravity to be 9.8 meters per second squared. For 10 points, what force in newtons is your hand experiencing?

Answer: 49 newtons ($F=ma=5 * 9.8 = 49$)

9. He is the subject of a tragedy by Lord Tennyson as well as T. S. Eliot's verse drama Murder in the Cathedral. For 10 points, name this archbishop of Canterbury who was murdered by Henry II's knights in 1170.

Answer: Thomas a Becket

10. He has dated many of Hollywood's most beautiful women, and as the younger brother of Shirley MacLaine, may have dated many more in former lives. For 10 points, identify this actor known for his roles in Shampoo and Heaven Can Wait, as well as for his recent affair with Madonna, his co-star in Dick Tracy.

Answer: Warren Beatty

11. At Three Forks, Montana, the Jefferson, Madison, and Gallatin Rivers join to form this great river. It then flows through or past seven states. For 10 points, name this river which meets the Mississippi River at St. Louis.

Answer: Missouri River

12. A close friend of Vincent van Gogh, two falls from horseback left him crippled at age 15. For 10 points, who was this French painter and lithographer known for his colorful posters of the cabarets and music halls of the Moulin Rouge?

Answer: Henri de Toulouse-Latrec

13. Founded in 1902 by Arthur Griffith, its name is Gaelic for "ourselves alone." Formed to establish a new political status for Ireland, it planned the Easter Rising of 1916. For 10 points, identify this Irish Republican Party.

Answer: Sinn Fein

14. It is set in 1920 in the Midwest town of Gopher Prairie. Carol Kennicott attempts without success to instill culture in the natives of the town. For 10 points, name this novel of cramped, small-town provincialism by Nobel-Prize-winning author Sinclair Lewis.

Answer: Main Street

15. This nineteenth century Swedish physicist was a founder of the science of spectroscopy. He showed that the sun contains hydrogen and measured wavelengths of light in units equal to ten to the minus ten meters. For 10 points, name this man for whom the unit equal to ten to the minus ten meters is named.

Answer: Anders Angstrom

16. In 1958, he testified before a Congressional committee that "Rock and Roll is the most brutal, ugly, desperate, vicious form of expression ... It's written and performed for the most part by cretinous goons." An Oscar winner, he sang with the Big Bands of Harry James and Jimmy Dorsey. For 10 points, name this romantic performer nicknamed "The Voice."

Answer: Frank Sinatra

17. The heroine is a penniless orphan who becomes a teacher and later the governess at Thornfield Hall. She falls in love with her employer, Mr. Rochester, and he with her, but their wedding is prevented by the secret existence of his lunatic wife. For 10 points, name this novel by Charlotte Bronte.

Answer: Jane Eyre

18. It was the subject of Einstein's fourth paper of 1905 and helped confirm the atomic theory of matter. For 10 points, what is this phenomenon characterized by the irregular nature of the movement of particles suspended in a fluid?

Answer: Brownian Motion or Brownian Movement

19. Among this American playwright's works are Candle in the Wind, a title later borrowed by Elton John, and Both Your Houses, a political study which won the 1933 Pulitzer Prize. For 10 points, identify this dramatist whose play Winterset was based on the Sacco and Vanzetti criminal case.

Answer: Maxwell Anderson

20. It is bordered by Pakistan, Afghanistan, the USSR, Turkey, and Iraq. For 10

points, name this oil-rich nation which occupies the northern coast of the Persian Gulf.

Answer: Iran

21. It supposedly ended with the Treaty of Ghent, but one month before the Senate ratified the treaty, the British made one final gamble for territory and lost miserably at the Battle of New Orleans. For 10 points, name this war sometimes called the 2nd War for American Independence.

Answer: War of 1812

I.B.A. Academic League Rounds 3 - Consultation Questions - November 1990

1. Identify these thermodynamic quantities for 15 points each.

1) It is the amount of energy unavailable for work during a natural process. It is also a measure of the tendency of a system to change.

Answer: Entropy

2) Also called heat content or total heat, it is equal to the heat transferred in a process at constant volume.

Answer: Enthalpy

2. John Marshall was certainly the most influential jurist of American history. He served as Chief Justice of the Supreme Court for 34 years. For 5 points each, under what six Presidents did he serve as Chief Justice?

Answer: John Adams, Thomas Jefferson, James Madison, James Monroe, John Quincy Adams, Andrew Jackson

3. For 15 points each, what two state capitals lie on the Mississippi River?

Answer: St. Paul, Minnesota and Baton Rouge, Louisiana

4. Identify this American author after one pair of his works for 30 points, after two pairs for 20, or after three for 10 points.

1) Tales of the Jazz Age and The Beautiful and the Damned

2) The Last Tycoon and This Side of Paradise

3) Tender Is the Night and The Great Gatsby

Answer: F. Scott Fitzgerald

5. Answer these questions about electromagnetic radiation.

1) For 5 points each, name the two types of radiation that lie next to visible light in the electromagnetic spectrum.

Answer: Infrared and Ultraviolet

2) For 10 points, gamma rays are high-energy versions of what type of radiation?

Answer: X-Rays

3) For 10 points, if electromagnetic radiation has a wavelength of 1 meter, what type of radiation is it?

Answer: Microwave

6. During the first century BC, Rome was twice dominated by groups of three men called "Triumvirates."

1) For 5 points each, name the members of the First Triumvirate.

Answer: Julius Caesar, Pompey, Crassus

2) For 5 points each, name the members of the Second Triumvirate.

Answer: Octavian, Marc Antony, Lepidus

7. Mountain passes have been very important in history, especially when used as avenues for invasion. Name the countries connected by these mountain passes.

1) For 5 points name one and for 15 points name both of the Asian nations connected by the Khyber Pass.

Answer: Afghanistan and Pakistan

2) For 5 points each, name the three nations connected by the St. Bernard Pass in the Alps.

Answer: France, Switzerland, and Italy

8. In Shakespeare's Macbeth, the Weird Sisters have a curious recipe for their cauldron. For 10 points each, identify the animals from which they used these body parts.

- 1) Eye of Answer: Newt
- 2) Tongue of Answer: Dog
- 3) Toe of Answer: Frog

9. Atlanta has been awarded the right to host the 1996 Summer Olympic Games, putting that city in the company of the world's greatest. Name the following cities which have already hosted the Summer Games. You will receive 10 points for each you can name from just the year and 5 points for each you name after hearing the year and the continent it is on.

- 1) For 10 points, 1972
For 5 points, Europe Answer: Munich
- 2) For 10 points, 1968
For 5 points, North America Answer: Mexico City
- 3) For 10 points, 1956
For 5 points, Australia Answer: Melbourne

10. High School history necessarily requires a knowledge of dates. For 10 points each, give the month, day, and year of the following events from World War II.

- 1) Nazi Germany invades Poland Answer: September 1, 1939
- 2) The Japanese bomb Pearl Harbor Answer: December 7, 1941
- 3) The D-Day invasion of Normandy begins Answer: June 6, 1944

11. For 10 points each, identify the following small seas which surround Italy.

- 1) It lies between the island of Corsica and the city of Genoa.
Answer: Ligurian Sea
- 2) It lies between Sardinia and the Italian peninsula.
Answer: Tyrrhenian Sea
- 3) It lies between southern Italy and Greece.
Answer: Ionian Sea

12. Identify these Jack London works from brief clues for 10 points each.

- 1) The civilized sled-dog Buck reverts to the manners of his wolf ancestors.
Answer: The Call of the Wild
- 2) Sailors are terrorized by a cruel captain named Larsen.
Answer: The Sea Wolf
- 3) His first book of short stories, its title sounds as if it were the sequel to The Sea Wolf.
Answer: The Son of the Wolf

13. Answer these questions about cell reproduction for 10 points each.

- 1) What is the name of the process consisting of two successive cell divisions, resulting in the production of four haploid cells? Answer: Meiosis
- 2) What are those haploid cells called? Answer: Gametes
- 3) What is the name for the diploid cell formed by the combination of two gametes?

Answer: Zygote

14. Not including George Bush, four Presidents never altered their original cabinets. For 10 points each, name any three of those four Presidents.

Answer: William Henry Harrison, Zachary Taylor, Franklin Pierce, James Garfield

15. For 10 points each, what are the molecular weights of the following compounds to the nearest whole number?

- 1) Water, H_2O Answer: 18
- 2) Sulfuric Acid, H_2SO_4 Answer: 98
- 3) Calcium Carbonate, CaCO_3 Answer: 100

16. For 10 points each, identify the authors of these early English novels.

- 1) Tom Jones, a Foundling Answer: Henry Fielding
- 2) The Life and Opinions of Tristram Shandy Answer: Lawrence Sterne
- 3) Pamela, or Virtue Rewarded Answer: Samuel Richardson

17. For 10 points each, name the capitals of these island dependencies.

- 1) Guam Answer: Agana
- 2) Isle of Man Answer: Douglas
- 3) Falkland Islands Answer: Stanley

18. Identify the authors of these works of colonial American literature for 10 points each.

- 1) The volume of verse The Tenth Muse Lately Sprung Up in America
Answer: Anne Bradstreet
- 2) Magnalia Christi Americana
Answer: Cotton Mather
- 3) The poem The Day of Doom
Answer: Michael Wigglesworth

19. The Russian Revolution was not a purely domestic civil war. In fact during 1918 and 1919, American troops landed at three Soviet cities. For 15 points each, name any two of those three port cities.

Answer: Vladivostock, Archangel, Murmansk

20. In the fall of 1975, NBC introduced a new concept in television, outrageous comedy broadcast live late on Saturday night. The show was of course Saturday Night Live and its cast was billed as The Not Ready For Prime Time Players. For 5 points each, name the original six members of that cast.

Answer: Dan Aykroyd, John Belushi, Chevy Chase, Jane Curtain, Garrett Morris, Lorraine Newman, and Gilda Radner