

The Second Annual AD HOC II
The Wrath of Khon
April 27, 1997
RD 1 by Josh Allen

TOSSUPS

1. Bacteria are usually enclosed in cell walls that are largely composed of a substance that consists of the molecular N-acetylglucosamine, N-acetylmuramic acid, tetrapeptide side chain, and peptide side chain. FTP, name this substance which composed 90% of the cell walls of Gram-positive cells.

Peptidoglycan

2. This place was described by Arthur C. Clarke as "the hottest piece of real estate in the solar system," but it's also one of the smallest, its surface area not much more than fifteen square miles. At its perihelion, it comes only 17 million miles from the Sun, or half the distance from Mercury to the Sun. However, in 1968, this Apollo asteroid passed so close to Earth that some scientists actually predicted a collision. For ten points, name the asteroid named for the mythical son of Daedalus.

Answer: _Icarus_

3. The Reverend L. M. Birkhead was born Baptist, became a Methodist preacher, then an agnostic, finally "lapsing" to Unitarianism. His was the life this title character's was based on, after a preacher named William Stidger met the author in 1922. Stidger had just read Babbitt, and suggested the author write a novel about clergymen the way they really are. For ten points, name the 1927 Sinclair Lewis book about a religious man in the Mid-west.

Answer: _Elmer Gantry_

4. Lyndon LaRouche describes this work of art in the following manner: "Look around inside that mural; which of these are old friends of yours? You never met any of them face to face, but most of those in the hall never met one another in the flesh either." Among those personalities included are Plato, Zoroaster, Epicurus, Zeno, Aristotle, Pythagoras, Ptolemy, Archimedes, Diogenes, and the artist himself. For ten points name this 1509 mural by Raphael.

Answer: _School of Athens_

5. St. Martin's Gardens, Princess Antoinette Park, Louis II Stadium, Monegasque National Printers, Grotto of the Observatory, and avenues named for both John F. Kennedy and Grace Kelly are just some of the locales found in, for ten points, what tiny European nation, whose head of state is Prince Ranier III?

Answer: _Monaco_

6. A horrible plague breaks out in Bremen. Max Schreck portrays the title character who brings the plague with him in this 1922 Friedrich

Murnau movie, subtitled "A Symphony of Horror," along with Alexander Granach as Renfield, and Greta Schroeder as Nina. For ten points, name the first vampire movie, in which Jonathan Harker's wife sacrifices herself to kill the title monster.

Answer: _Nosferatu_

7. After Ali's death in 661, the caliphate was split between the Umayyads, who ruled from Damascus, and the Abbasids, who ruled from Baghdad. In 750, the Abbasids massacred the Umayyads, but one member escaped and fled to Spain, where he founded the Western Caliphate, which lasted until 1031. For ten points, the Western Caliphate was also known by the name of what Spanish city, the center of Muslim and Jewish culture under the rule of the Moors, home to the Friday Mosque?

Answer: _Cordoba_ or _Cordova_

8. He had little musical training, but acquired knowledge of African-American life while writing for the A.P. Christy minstrel troupe. Sensing prejudice of "Ethiopian" music, he was reluctant to put his name to his songs, which, because of their simplicity and uneducated dialects, are often thought of as folk songs of pre-civil war blacks. For ten points, name this American composer of "Old Black Joe," "Oh Susanna," and "Camptown Races."

Answer: Stephen _Foster_

9. This branch of science devotes to discovering the chemical compositions of materials by looking at the light they emit. FTP name this branch of science, often used in Organic Chemistry which includes such types as Carbon-13, Infrared, proton, and NMR.

Spectroscopy

10. His thesis at Harvard was entitled "Appeasement at Munich--The Inevitable Results of the Slowness of the British Democracy to Change from a Disarmament Policy." It was later published as "Why England Slept." For ten points name the US politician whose last public address was at the dedication of the Robert Frost Library at Amherst College on October 26, 1963.

Answer: _John Kennedy_ (or equivalent)

11. These interactions play a crucial role in the enzymatic reactions that control virtually all the processes of life. They occurs when electrically neutral molecules are a precise distance from each other that allows the electrons in the outer orbitals to begin a synchronous, mutually avoiding motion. The normal repulsion between the two sets of outer electrons is lessened, and the atoms are able to bond weakly to each other. For ten points, name the bonds whose energies are only about one to two kilocalories per mole.

Answer: _Van der Waals_

12. Once a stockbroker, this man decided to devote himself to art after he met Camille Pissarro and Paul Cezanne. Creator of the "cloisonnisme" style, in which the pictorial image consists of areas of pure color separated by black outlines, he settled in Port-Aven, Brittany in 1889, but soon moved away. For ten points name the French painter who in 1891 left his family behind and moved to Tahiti.

Answer: Paul _Gauguin_

13. In 22 seasons, he pitched with the Cleveland Indians, St. Louis Cardinals, Boston Red Sox, and Boston Braves. In October of his rookie season, he won both games of a doubleheader, and in 1904 he pitched the Major Leagues' first perfect game. For ten points name the pitcher, born Denton True, who won 511 games and for whom the award for best pitcher of the year is named.

Answer: Cy _Young_

14. A professor at the University of Chicago for 31 years, this man was a staunch conservative and opponent of the ideas of John Keynes. Author of Capitalism and Freedom in 1962, he was a leading spokesman for the monetarist school of economics. For ten points identify this American winner of the 1976 Nobel Prize for Economics.

Answer: Milton _Friedman_

15. By age 28 he had become one of the leading literary figures of his day, a star of the Romantic Revolution and known for his many mistresses and taste for high living. He recklessly threw himself into the July Revolution of 1830, but by the early 1840's had returned to writing historical novels. Living abroad for long periods, partly to escape creditors and partly to find new material, his complete works eventually filled over 300 volumes. For ten points, name this French author of The Countess of Salisbury, The Count of Monte Cristo, and The Three Musketeers.

Answer: Alexandre _Dumas_

16. The first was the son of one of Alexander the Great's generals, who made peace with Macedonia and held off a Gallic invasion but lost land to Egypt. The third was known as "The Great," and conquered Parthia, Bactria, Syria, and Palestine. He also gave refuge to Hannibal and thus aroused the enmity of Rome, who checked his western expansion at Thermopylae and Magnesia. For ten points name this family of Seleucid emperors whose fourth was nicknamed "Epiphenes" and is the main villain in the story of Hannukah and the Maccabees.

Answer: _Antiochus_

17. This man participated in the Revolution of 1848 and was forced to flee Dresden, where he had held a conducting post. With the help of his future wife's father, he escaped to Switzerland where he spent ten years writing essays, including his 1851 "Oper und Drama," which defined his aesthetics. His only comic opera is "Die Meistersinger von Nurnberg,"

and he is responsible for the Festspielhaus theater in Bayreuth, Bavaria. For ten points name this German, son-in-law of Liszt, writer of his own librettos, and composer of "The Flying Dutchman," "Tannhauser," and the Ring cycle.

Answer: Richard _Wagner_

18. This small, circular region is located behind the fovea, and can be damaged by glaucoma. It is the point of exit of the optic nerve from the eyeball, and it is the only spot that has no rods or cones. For ten points, name this part of the eye also known as the blind spot.

Answer: _optic disk_ (prompt on _blind spot_)

19. His early plays, including "The Shadow of a Gunman" and "Juno and the Peacock," are grim, satirical, and not kind to the Irish. Funny, since this playwright was an Irishman and was important in the Irish Literary Renaissance. His "Mirror in my House" is a collection of six earlier biographical works. For ten points name the Irish dramatist who moved to England after a riot broke out in the Abbey Theater during the performance of his "The Plough and the Stars."

Answer: Sean _O"Casey_

20. He sold encyclopedias during the depression, before making his fortune in radio, television, newspaper, and real estate. While owner of the minor league team Toronto Maple Leafs, he suggested that a young infielder named Sparky Anderson take up managing. He built the first privately funded indoor arena in the US in 1967, for two teams he was chairman of, the Los Angeles Kings and Los Angeles Lakers, who once won 33 games in a row under his ownership. For ten points name this recently deceased 170th most wealthy man in America, for twenty-three years the owner of the Washington Redskins.

Answer: Jack Kent _Cooke_

21. The name's the same: One's an English city comprised of three towns, two of which are Stonehouse and Devonport. The other's a small Massachusetts town that has light industries but is known more for its historical sights. For ten points, name these places, one a port and the last place the Mayflower left, and the other its landing sight.

Answer: _Plymouth_

22. After Pope Hadrian VI, a Dutchman, died, it wasn't for more than 400 years that another non-Italian was elected by the conclave of Cardinals. This pope was the third of the year, 1978, and was formerly the Arch Bishop of Krakow. For ten points name this pope, the youngest of the 20th century, whose real name is Karol Wojtyla.

Answer: _John Paul II_

23. This British television show includes games such as "Hoedown," "Helping Hands," and "Party Quirks." Featuring such personalities as

Colin Mochrie, Steve Frost, Tony Slattery, Josie Lawrence, Mike McShane, and Ryan Stiles, it is now shown in the US on Comedy Central. For ten points name this improvisation comedy, hosted by Clive Anderson.

Answer: _Whose Line is it Anyway?_

24. United Nations Security Council President Pedro Catarino of Portugal said a "climate of violence and insecurity" made it imperative to keep UN units here until the mandate expires. In the past two months, fifty people have been killed in this Caribbean nation, in which the UN took over peacekeeping duties in March of 1995. In 1994, US-led multinational forces restored the elected president to power after a military junta overthrew him in 1991. For ten points name this poorest country in the Western Hemisphere, home of Jean-Bertrand Aristide.

Answer: _Haiti_

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BONUSES

1. Identify the politician on a 30-20-10 basis:

30: This Texan graduated from Boston University Law School in 1959 and in the same

year was admitted to the Bar in both Massachusetts and Texas.

20: She delivered the Keynote Address at the 1976 Democratic Convention.

10: She was the first black woman to be elected to the House from the Deep South.

Answer: Barbara _Jordan_

2. For ten points each, identify these industry giants who all died in 1951.

A). He credited his longevity to his diet, comprised of vegetarian foods, including the product he first developed at his brother's sanitarium in Battle Creek, Michigan.

Answer: Will _Kellogg_

B). This news tycoon died in Beverly Hills; he hadn't lived in his castle in San Simeon since 1947.

Answer: William Randolph _Hearst_

C). This German engineer designed the Volkswagon Beetle. His first automobile, powered by electricity, was featured at the 1900 Paris World Exhibition.

Answer: Ferdinand _Porsche_

3. Identify these people with the last name of Allen for the specified amount of points.

A)For 5: He was born Allen Stewart Konigsberg.

Answer: _Woody_ Allen

B)For 10: His brother Ethan led the Green Mountain Boys; he was a politician who was

one of the primary lobbyists for the formation of the State of Vermont.

Answer: _Ira_ Allen

C)For 15: Born a slave, he bought his freedom and eventually became the first bishop of

the African Methodist Episcopal Church.

Answer: Richard Allen

4. For ten points each, given the first line, identify the book of the Bible.

A)(10). These are the names of the sons of Israel who came to Egypt with Jacob, each coming with his household.

Answer: Exodus

B)(10). It happened in the days of Ahasuerus - that Ahasuerus who reigned over a hundred and twenty-seven provinces from India to Nubia.

Answer: Esther

C)(10) In the days when the chieftains ruled, there was a famine in the land; and a man of Bethlehem in Judah, with his wife and two sons, went to reside in the country of Moab.

Answer: Ruth

5. Identify the year, 30-20-10:

For 30: Josef Stalin's daughter defects to the U.S. at the embassy in New Delhi, and the

Republic of Biafra secedes from Nigeria.

For 20: Notable deaths include John Coltrane, Carl Sandburg, Rene Magritte, Che

Guevara, Carson McCullers, Jack Ruby, Spencer Tracy, Jayne Mansfield, and three NASA astronauts in the cabin of their Apollo I spacecraft.

For 10: The first Super Bowl is played, and Israel makes short work of Arab forces in the Six Days War.

Answer: 1967

6. Identify the biology terms that begins with the letter C

A)For 5, Polysaccharide that forms part of the hard exoskeleton of insects, crustaceans, and other invertebrates.

Answer: chitin

B)For 10, The only amino acid that forms a disulfide bridge.

Answer: cysteine

C)For 15, Localization of neural coordinating centers and sense organs at

the anterior end
of the body.

Answer: _cephalization_

7. Identify these places with Ebonic-style names for ten points.

A)(10). This nation on the Gulf of Aden, formerly known as French Somaliland, gained its independence on June 27, 1977.

Answer: _Djibouti_

B)(10) This became the 43rd state admitted to the union in 1890, the same year as Wyoming.

Answer: _Idaho_

C)(10) On November 30, 1975, this country changed its name to Benin to commemorate a kingdom that flourished in the 17th century.

Answer: _Dahomey_

8. For five points each, name the six Presidents of the United States who attended Harvard University in some capacity.

Answers: John _Adams_, John _Quincy Adams_, Rutherford _Hayes_, Theodore _Roosevelt_, Franklin _Roosevelt_, John _Kennedy_

9. Identify the following parts of a Greek temple for ten points each.

A)(10). The porch
Answer: _Pronaos_

B)(10) The innermost room
Answer: _Cella_

C)(10) The level on which the columns stand
Answer: _Stylobate_

10. Identify the author from works, 30-20-10:

For 30: _Despair_ and _Invitation to a Beheading_

For 20: _Pale Fire_ and _Ada_

For 10: _Lolita_

Answer: Vladimir _Nabakov_

11. For ten points each, identify the following scientists who worked with uranium.

A)(10) In 1934 this Italian physicist bombarded uranium with neutrons and produced transuranium elements.

Answer: Enrico _Fermi_

B)(10) In 1938 this German chemist produced the first nuclear fission of uranium, finding that certain atoms can be split to produce not only energy but also neutrons that can be used to split more atoms.

Answer: Otto _Hahn_

C)(10) This German chemist discovered uranium in 1789, and named it in honor of the discovery of Uranus eight years earlier. He is also known for the discovery of zinc.

Answer: Martin _Klaproth_

12. Identify the following folks who worked with myths, for ten points each.

A)(10) This 19th century philologist began modern investigations of mythology, and saw myths as having evolved from linguistic corruptions.

Answer: Max _Muller_

B)(10) In his book, _Golden Bough_, this Scotsman proposed that all myths are originally connected with the idea of fertility in nature, with the birth, death, and resurrection of vegetation as a constantly recurring motif.

Answer: James _Frazer_

C)(10) This Polish-born anthropologist was the founder of functionalism, and considered myths to be validations of established social patterns.

Answer: Bronislaw _Malinowski_

13. For the specified amount of points, answer the following about 17th century opera.

A)For five points, in what city did the first public opera house open, in 1637?

Answer: _Venice_

B)For ten points, what 1600 work by Jacopo Peri is generally considered to be the first opera?

Answer: _Euridice_

C)For 15 points, what French composer and chamber conductor for Louis XIV obtained a patent for the production of opera in 1672? He also wrote ballet and set the form for the French overture. His works include "Cadmus et Hermione," "Alceste," and "Amadis."

Answer: Jean Baptiste _Lully_

14. Many of the tectonic plates of the Earth are named after the continent they support, but some aren't. For ten points each, name the tectonic plate on which the following places rest.

A)(10) Galapagos Islands

Answer: Nazca Plate

B)(10) Jamaica

Answer: Caribbean Plate

C)(10) Nairobi

Answer: Somali Plate

15. Identify the cubist artists from clues for ten points each.

A)(10). Noted for his cubist-futurist work "Nude Descending a Staircase," he also cofounded the Dada school and displayed commonplace objects such as a urinal entitled "Fountain."

Answer: Marcel Duchamp

B)(10). Among the developers of Fauvism, he later met Picasso and their experiments led them to Cubism. His works include "Nude," and "Clarinet and a Bottle of Rum on a Mantelpiece."

Answer: Georges Braque

C)(10). His paintings employ cubist faceting that is never wholly abstract, as seen in his The Dancer. In 1912 he co-authored Du Cubisme with Albert Gleizes.

Answer: Jean Metzinger

16. Identify the woman from quotes, 30-20-10:

For 30: "Unfortunately, I am involved in a freedom ride protesting the loss of the minority rights belonging to the few remaining earthbound stars. All we demanded was our right to twinkle."

For 20: "Hollywood's a place where they'll pay you a thousand dollars for a kiss, and fifty cents for your soul. I know, because I turned down the first offer often enough and held out for the fifty cents."

For 10: "I've been on a calendar but I've never been on time."

Answer: Marilyn Monroe

17. Answer the following astronomical questions for the specified amount of points.

A)For 5 points, according to Kepler's Third Law, if the period of a

planet orbiting the Sun is 16 years, how many astronomical units is the planet away from the sun?

Answer: _64_

B)For 10 points, the North Star has not always been Polaris. What star will become the new North Star in about 13,000 years?

Answer: _Vega_

C)For 15 points, what name is given to the main fusion sequence in the sun, using six hydrogens to form a 4-Helium, two hydrogens, a positron, and a neutrino?

Answer: _proton-proton_ chain

18. Answer the following questions about Timothy McVeigh's trial for ten points each.

A)(10) In what city will the trial take place?

Answer: _Denver_

B)(10) Who is the presiding U.S. District Judge?

Answer: Richard _Matsch_

C)(10) Who is McVeigh's lawyer?

Answer: Stephen _Jones_

19. Identify the playwright from works, 30-20-10.

30) "Why She Would Not," "Mrs. Warren's Profession"

20) "Saint Joan," "Man and Superman"

10) "Heartbreak House," "Pygmalion"

Answer: George Bernard _Shaw_

20. Identify these 19th century psychologists for ten points each.

A).Early in his career, he collaborated with Josef Breuer on the use of hypnosis in the treatment of hysteria.

Answer: Sigmund _Freud_

B). His 1890 _Principles of Psychology_ is a major work in the field, and is considered by many to be the founder of pragmatism.

Answer: William _James_

C). Author of _Principles of Physiological Psychology_, this German opened the first laboratory for experimental psychology in 1878 at Leipzig.

Answer: Wilhelm _Wundt_

21. Given a description of a painting on Josh's wall in his room, name the artist for ten points, or for five points if you need'the title of the painting.

A)(10) A curvy figure on a bridge in front of a lake. Two people are behind the figure, who is in a pose similar to Macauley Culkin's from Home Alone

(5) The Scream

Answer: Edvard _Munch_

B)(10) A horse is riding through the woods with a lady on its back, however, some of the horse appears to be missing, where it shouldn't be. Quite an optical illusion.

(5) The Blank Signature

Answer: Rene _Magritte_

C)(10) A little girl is facing the viewer, surrounded on both sides by an impressive garden full of sunflowers.

(5) The Artist's Garden at Vitheuil

Answer: Claude _Monet_

22. Identify the early English novelists from works for 10 points, or for 5 with an easier list.

A)(10) _Amelia_, _Journal of a Voyage to Lisbon_

(5) _Joseph Andrews_, _Tom Jones_

Answer: Henry _Fielding_

B)(10) _A Journal of the Plague Year_, _The Shortest Way with Dissenters_

(5) _Moll Flanders_

Answer: Daniel _Defoe_

C)(10) _The History of Sir Charles Grandison_, _Clarissa Harlowe_

(5) _Pamela, or _Virtue Rewarded_

Answer: Samuel _Richardson_