

RIP 11/21
10/18/00

WESSELMANIA IV
University of Illinois
Toss-Up Questions

1. In 1848, this party polled 300,000 votes and gave New York State to the Whigs. The party's candidates were Martin Van Buren and C.F. Adams, who opposed the extension of slavery into territories gained from Mexico. FTP, name the party absorbed by the Republican Party in 1854, four years after the Barnburners left it in disarray.

Answer: FREE-SOIL Party

2. He won the 1905 Nobel Prize in Medicine for developing a test for tuberculin. He studied sleeping sickness, malaria, bubonic plague, and rinderpest. In addition, he found the causes of anthrax, conjunctivitis, and Asiatic cholera. FTP, name this German who is better known for devising a method of staining bacteria with aniline dyes.

Answer: Robert KOCH

3. Born into nobility, he published his first major poem, "Russlan and Ludmilla," in 1820. He wrote the historical poem "The Bronze Horseman," the story "The Queen of Spades," and the novel *The Captain's Daughter*. FTP, who is this Russian who penned the verse novel *Eugene Onegin*?

Answer: Aleksandr PUSHKIN

4. Congress banned their manufacture after 1978 when research showed that they were toxic to a wide variety of animals. In 1968, a leak of these chemicals in Japan contaminated rice oil and left 1,000 people with a skin disease. FTP, what are these pollutants, once used as liquid coolants and insulators in transformers?

Answer: PCBs or POLYCHLORINATED BIPHENYLS (not Biphenols)

5. From the Hebrew for "prophets," this group of French artists countered Impressionism. Influenced by Gauguin, they developed a style characterized by flat areas of bold color and heavily outlined surface patterns. FTP, name the group which included Vallotton, Maillol, Bonnard, and Vuillard.

Answer: Les NABIS

6. This philosophical system opposed metaphysics and maintained that the goal of knowledge is simply to describe the phenomena experienced. The term used to describe the philosophy was coined by Auguste Comte. FTP, name the system of thought whose tenets were put forth by Francis Bacon, George Berkeley, and David Hume.

Answer: POSITIVISM

7. Born in Chattanooga, Tennessee, she was the most popular singer of the 1920s. Among her recordings are "Baby, Won't You Please Come Home" and "Mistreating Daddy." FTP, name the woman known as the "Empress of the Blues."

Answer: Bessie SMITH

8. Founded by Paul de Chomeday Maissonneuve in 1642, this city was originally named Ville Marie. Landmarks include 764-foot Mount Royal and Man and His World, a permanent mini-version of the International Exposition of 1967. FTP, name this city, Canada's most populous and second only to Paris in number of French-speaking citizens.

Answer: MONTREAL

9. Its final compilation was directed by Judah Ha-Nasi from the work of the Tannaim, a group of sages of the first and second centuries B.C. It is essentially a collection of interpretations of the legal portions of the Torah. FTP, what is this religious work which, with the Gemara, forms the Talmud?

Answer: MISHNA

10. William Henry was on the faculties of the Universities of Adelaide, Leeds, and London, and director from 1923 of the Royal Institution's research laboratory. William Lawrence was a professor at Manchester's Victoria University and at Cambridge and directed the Cavendish Laboratory. FTP, give the last name of the brothers who shared the 1915 Nobel Prize in Physics.

Answer: BRAGG

11. His novels, noted for their paradox and exquisite characterization, include *The Sound of Waves*, *The Temple of the Golden Pavilion*, and the tetralogy *The Sea of Fertility*. FTP, name this Japanese author who committed ritual suicide in 1972.

Answer: Yukio MISHIMA

12. His belief that form should express function countered the classical revival of the 19th century. Associated after 1880 with Dankmar Adler, his views were published as *Kindergarten Chats* and *The Autobiography of an Idea*. FTP, name the designer of St. Louis's Wainwright Building and the Transportation Building at the World Columbian Exposition in Chicago in 1893.

Answer: Louis SULLIVAN

13. This linguistic group includes 70 million speakers of about 100 languages. Found in African languages south of the Congo, the Mashona, Matabele, Basuto, and Zulu speak languages in this group. FTP, what is this linguistic group that includes Swahili and which also describes a black South African?

Answer: BANTU

14. Discovered in 1879, it is a lustrous, silver-white rare-earth metal of the lanthanide series. Uses for it include pyrophoric alloys in cigarette lighter flints and nuclear reactor control rods. FTP, name this element, number 62, named for an ancient Palestinian city.

Answer: SAMARIUM

15. The winner of six Tonys, four Emmys, and an Oscar, she recently died at the age of 94 at her home on Cape Cod. She won her Oscar for her portrayal of Lola Delaney in *Come Back, Little Sheba*. She was most famous, however, for her role in TV's "Hazel," which ran from 1961 to 1966. FTP, name this much-decorated actress.

Answer: Shirley BOOTH

16. His wife wrote several minor novels. He was a Whig with aristocratic views who conceded reforms such as the Poor Law in 1834 and the Municipal Corporations Act of 1835. FTP, name this prime minister of Great Britain whose wife, Lady Caroline Lamb, scandalized her husband by having an affair with Lord Byron.

Answer: Second Viscount William Lamb MELBOURNE

17. Caused by an abnormality in nerve cell fat metabolism, this disease produces central nervous system degeneration. Characterized by progressive mental deterioration, blindness, paralysis, and seizures, it affects infants, who die by age four. FTP, name this disease found almost exclusively in Louisiana's Cajuns and Eastern European Jews.

Answer: TAY-SACHS Disease

18. A left-hander, he played with the Dodgers, first in Brooklyn and then in L.A. He struck out 2,396 batters and pitched four no-hitters before his 1966 retirement. FTP, name this four-time Cy Young winner who won 26 and 27 games in his last two seasons.

Answer: Sandy KOUFAX

19. Fond of photographing children, he made up stories to tell them as well. For Alice Liddell, the daughter of the dean of Christ Church at Oxford, where he was a mathematics lecturer, he created such characters as the Mock Turtle and the Red Queen. FTP, name the man who was inspired by Alice to create *Through the Looking Glass*.

Answer: Charles DODGSON or Lewis CARROLL

20. A student of Jacques-Louis David, he won the Prix de Rome in 1801. Works like his *Portrait of Madame Riviere* and *Jupiter and Thetis* put him at odds with the neoclassicists. His pencil portraits like *Paganini* are perhaps his best works. FTP, name the man who painted *The Apotheosis of Homer* and *The Vow of Louis XIII*.

Answer: Jean Auguste Dominique INGRES

21. He was governor of Maine from 1955 until 1957. He went on to represent his state in the Senate until 1980, when he was appointed secretary of state. FTP, name the man who was Hubert Humphrey's running mate in 1968 and was a leading Democratic candidate for president in 1972.

Answer: Edmund MUSKIE

22. He worked at the University of Chicago during World war II on the development of the atomic bomb and was chairman of the Atomic Energy Commission from 1961 to 1971. He shared with Edwin M. McMillan the 1951 Nobel Prize for chemistry. FTP, name the co-discoverer of plutonium and nine other transuranium elements.

Answer: Glenn SEABORG

23. A student of Husserl, whom he succeeded as professor of philosophy at Freiburg, his analysis of the concepts of care, mood, and the individual's relationship to death relates the authenticity of being to the individual's confrontation with death. FTP, name the philosopher whose major work was 1927's *Being and Time*.

Answer: Martin HEIDEGGER

24. An Afrikaner opposed to apartheid, he has written of the suffering of people of color in his country in his plays. FTP, name the man who created *The Blood Knot*, *People Are Living There*, and *A Lesson from Aloes*.

Answer: Athol FUGARD

25. A cotton-processing center and resort on the edge of a desert, it was first called El Paso del Norte. Mexico's fourth-largest city, it was renamed in 1888 for a Mexican leader who took refuge there. FTP, name the Mexican city in Chihuahua across the Rio Grande from El Paso, Texas.

Answer: CIUDAD JUAREZ

10/18/00

WESSELMANIA IV
University of Illinois
Bonus Questions

1. (30 pts.) 30-20-10 Name this artist by the names of his works.
30: *Victors Bringing Brutus the Body of His Son*
20: *The Tennis Court Oath*
10: *The Death of Marat*

Answer: Jacques-Louis David

2. (30 pts.) For 5 pts. each, I'll name the country, and you name the monetary unit.
- | | |
|--------------------|----------------|
| 1. Afghanistan | <u>afghani</u> |
| 2. Venezuela | <u>bolivar</u> |
| 3. Yugoslavia | <u>dinar</u> |
| 4. Sri Lanka | <u>rupee</u> |
| 5. Portugal | <u>escudo</u> |
| 6. The Philippines | <u>peso</u> |

3. (30 pts.) 30-20-10 Name the year given the events in that year.
30: Mormon temple dedicated in Salt Lake City.
20: Frank Lloyd Wright completes the Winslow home in Chicago, his first solo project.
10: Panic touched off by New York stock market crash on June 27 started the second worst depression in U.S. history.

Answer: 1893

4. (30 pts.) For 10 pts. each, given the year and the official reason, name the recipient of the Nobel Prize in Physics.

1. 1914, "for his discovery of the diffraction of x-rays by crystals."

Answer: Max von Laue

2. 1923, "for his work on the elementary charge of electricity and on the photoelectric effect."

Answer: Robert A. Millikan

3. 1901, "in recognition of the extraordinary services he has rendered by the discovery of the remarkable rays subsequently named after him."

Answer: Wilhelm C. Roentgen

5. (30 pts.) You are travelling from Guinea to Nigeria along the coast by boat. For 5 pts. each, name, in order, the 6 countries you will pass.

Answer: Sierra Leone, Liberia, Cote D'Ivoire (or the Ivory Coast), Ghana, Togo, Benin

6. (25 pts.) Born Theophrastus von Hohenheim, this Swiss physician and alchemist of the early 16th century rejected most of the well-respected theories and methods used in his time, including Galen's teachings, and favored learning from first-hand experience. He advocated the use of specific remedies for specific diseases and noted cause-and-effect relationships, such as that between paralysis and head injuries. However, because he was so outspoken, the established medical profession rejected him, so much of his life was spent wandering. For 25 pts., what is the one-word name of this man, who was also known throughout his life by many combinations of the names Philippus Aureolus Theophrastus Bombastus von Hohenheim?

Answer: Paracelsus

7. (25 pts.) Some of the more scenic places in Hawaii are mountains, so let's see how much you know about them, 5 pts. for each question answered correctly.

1. This mountain on Kauai is often called the rainiest spot in the world, with an average of 460 inches per year.

Answer: Mt. Waialeale

2. This mountain is the highest on Maui and is translated as the House of the Rising Sun. It is the only place on earth where the plant the silversword is found.

Answer: Haleakala

3. This mountain is home to the only snow skiing possible in Hawaii, though the season is very short.

Answer: Mauna Kea

4. Whereas Mauna Kea means "white mountain", this one means "long mountain". It is one of the few active volcanoes in Hawaii, and erupted last in 1987.

Answer: Mauna Loa

5. This mountain is actually a volcanic seamount, and will eventually be the new island southeast of Hawaii.

Answer: Loihi

8. (20 pts.) The mysteries were secret cults in Greek and Roman religion, involving many elaborate rituals. For 10 pts. each, identify these mysteries from their descriptions.

1. This celebrated the abduction and return of Persephone, symbolizing the annual cycle of death and rebirth in nature, as well as the immortality of the soul.

Answer: Eleusinian

2. This affirmed the divine origin of the soul, and also the dual aspect of human nature as good and evil, and strove to liberate the soul from its inheritance of evil to achieve blessedness.

Answer: Orphic

9. (30 pts.) If I named the song, "Walk Like an Egyptian", you would probably know that the Bangles sang it, but would you know that they released it on the album "Different Light"? I'll give you a couple of songs, and for 5 pts. each, you name the artist or artists, and the album they released it on.
1. "Candle in the Wind", "Bennie and the Jets"
Answer: Elton John, Goodbye Yellow Brick Road
 2. "Time After Time", "All Through the Night"
Answer: Cyndi Lauper, She's So Unusual
 3. "Shout", "Head Over Heels"
Answer: Tears for Fears, Songs from the Big Chair
10. (30 pts.) We know many artists by names other than their given names. For 5 pts. each, given their real names, give the name by which we know them better. For example, if I said Domenikos Theotokopoulos, you should know that I am referring to El Greco. One hint: The artists here all lived around the time of the Renaissance.
1. Tommaso di Ser Giovanni Masaccio
 2. Donato di Niccolo Bardi Donatello
 3. Jacopo Robusti Tintoretto
 4. Francesco Mazzola Parmigianino
 5. Antonio Allegri Corregio
 6. Guido di Pietro Fra Angelico
11. (30 pts.) On May 10, 1869, two railroads, one from the east and one from the west, met in Utah. For 5 pts. each:
- 1) Name the place where they met. Promontory Point
 - 2) What were the two railroads? Central Pacific
Union Pacific
 - 3) Where did the Central Pacific begin? Sacramento
 - 4) Where did the Union Pacific begin? Omaha
 - 5) Name the man who was supposed to drive in the final spike, but missed when he swung.
Leland Stanford
12. (30 pts.) For 10 pts each, name these Edgar Allan Poe stories from a few clues.
- 1) This story only had two characters, Fortunato and the narrator, who was a member of the Montresor family, though a third person, Luchesi, was mentioned often. It took place during the carnival season, which is why Fortunato was dressed like a jester.
Answer: The Cask of Amontillado
 - 2) The reason the narrator murdered the old man was that he hated the old man's pale blue eye.
Answer: The Tell-Tale Heart
 - 3) The narrator of this story goes to visit a "Maison de Sante", or madhouse, and is confused when he finds the keepers act very strangely. At the end, he discovers that the lunatics had rebelled, locked the real keepers in the cells, and were now running the asylum.
Answer: The System of Dr. Tarr and Professor Fether

13. (25 pts.) This type of animal makes up the second largest invertebrate phylum. It has a soft, unsegmented body and often has an external shell which is formed by a secretion from an organ called a mantle, though some have an internal shell, or no shell. First for 10 points, name the phylum or general term for these animals.

Answer: Mollusks or Mollusca

Now, for 5 pts. each, identify the following mollusks.

1. This mollusk has the shell used in the Shell Oil logo, and swims by flapping its shell.

Answer: Scallop

2. This mollusk has only one ear-shaped shell, which is what mother-of-pearl comes from.

Answer: Abalone

3. Of the class Cephalopoda, which consists also of octopi and squids, this mollusk is the only one with an external shell. Like all cephalopods, it has a large head with big eyes and sucker-bearing tentacles, and it swims around using water-jet propulsion.

Answer: Nautilus

14. (20 pts.) For 10 pts. each, name the two men who each have served as Vice President under two different Presidents.

Answer: George Clinton and John C. Calhoun

15. (20 pts.) On December 27, 1991, an NFL team appointed the youngest head coach ever. For 10 pts. each, name the 32-year-old coach and the team that appointed him.

Answer: David Shula and the Cincinnati Bengals (either team name or city are acceptable)

16. (30 pts.) Lasers are becoming more and more common, not only in scientific uses, but also in everyday life, such as in CD players. So, for 10 pts. each, answer these questions about lasers.

1. One type of laser uses a rod of ruby as the gain medium in which the stimulated emission occurs. Ruby is a form of corundum. What is the primary metallic element found in corundum?

Answer: Aluminum

2. One of the more powerful pulse lasers uses Nd:YAG (neodymium-YAG) as a gain medium. YAG stands for Yttrium Aluminum Garnet. It was once used as a replacement for what precious gem?

Answer: Diamond

3. A third type of laser uses liquids such coumarin, rhodamine, stilbene, DCM, or HITC as gain media. What is the general term for this type of laser?

Answer: Organic dye laser

17. (30 pts.) 30-20-10 Name the author given his works.

30: Dombey and Sons, Pictures from Italy

20: American Notes, A Child's History of England

10: Little Dorrit, Our Mutual Friend

Answer: Charles DICKENS

18. (30 pts.) Is it Blake, Shake or a fake? Given six lines of poetry, tell whether each is by William Blake, William Shakespeare, or by a very strange person who contributed questions to this round.
- 1) "Little lamb, who made thee?
Does thou know who made thee?"
Blake, "The Lamb"
 - 2) "Thy love I have seen,
And I return it to thee."
Fake
 - 3) "Not marble, nor the gilded monuments
Of princes shall outlive this powerful rime."
Shakespeare, "Sonnet LV"
 - 4) "And I made a rural pen,
And I stained the water clear,
And I wrote many happy songs,
Every child may joy to hear."
Blake, "Introduction to Songs of Innocence"
 - 5) "Thy mother's eye
Glimmers with thy still-born beauty."
Fake
 - 6) "My mistress' eyes are nothing like the sun;
Coral is far more red than her lips' red."
Shakespeare, "Sonnet CXXX"
19. (30 pts.) Which philosopher said it? Given three quotes, identify the author of each for 10 pts.
- 1) "Happiness is not an ideal of reason but of imagination."
Answer: Emmanuel Kant
 - 2) "Progress, far from consisting of change, depends on retentiveness... Those who cannot remember the past are condemned to fulfil it."
Answer: George Santayana
 - 3) "Man is something to be surpassed."
Answer: Friedrich Nietzsche
20. (30 pts.) For 10 pts. each, name the composers of the following popular overtures written for operas or plays.
- 1) "Poet and Peasant" and "Light Cavalry"
Answer: Franz Suppe
 - 2) "Zampa"
Answer: Ferdinand Herold
 - 3) "Raymond"
Answer: Ambroise Thomas

21. (30 pts.) Star Wars, Close Encounters of the Third Kind, and E.T. are all well-known science-fiction movies, and most people could identify them by a short description. Sci-fi television has not, in general, fared as well. For 5 pts. each, can you identify these memorable or forgettable shows by a short blurb about them?

1) The name of the person referred to in the title was named Mark Harris and was played by Patrick Duffy, Belinda Montgomery played his pretty blond scientist sidekick, and Victor Buono played the main bad guy.

Answer: The Man from Atlantis

2) This show debuted on Sept. 8, 1966, and had Grace Lee Whitney and Majel Barrett playing minor recurring characters.

Answer: Star Trek

3) An observer from another planet is sent to earth to study humans and turns Boulder, Colorado, upside down.

Answer: Mork and Mindy

4) This 70s series was based on the novel Cyborg by Martin Caidin.

Answer: The Six Million Dollar Man

5) Rock star Rick Springfield played Zac, who died in a surprise enemy invasion in the first few minutes of the pilot episode of this late 1970s series.

Answer: Battlestar Galactica

6) This show was an attempt to revive Battlestar Galactica, and to use up all the wasted special effects machinery created for the show, and starred Kent McCord and Barry Van Dyke.

Answer: Galactica 1980

22. (25 pts.) For 5 points each, name the 5 non-hobbit members of the Fellowship of the Ring in Tolkien's trilogy, The Lord of the Ring.

Answer: Boromir, Aragorn (or Strider or the Dunedain), or Elessar
or Mithrandir ← Gandalf, Legolas, Gimli

23. (30 pts.) Bill Watterson has published 7 Calvin and Hobbes books, not counting the treasury collections such as "The Lazy Sunday Book". The first book was named simply "Calvin and Hobbes". For 5 pts. each, name the other 6.

Answer: Something Under the Bed Is Drooling
Yukon Ho!
Weirdos from Another Planet
Revenge of the Baby-Sat
Scientific Progress Goes "Boink"
Attack of the Deranged Mutant Killer Monster Snow
Goons

24. (30 pts.) There are five books in the Bible (non-Catholic) known as the Books of Wisdom. You get five points each and a bonus of five points for all, for each you can name.

Answer: Psalms, Proverbs, Song of Solomon (or Song of Songs), Ecclesiastes, Job

25. (25 pts.) For a few years now, many myopics (such as this question-writer) have had hope of getting their near-sightedness cured with the technique known as radial keratotomy, in which slices are made in a sunburst pattern on the cornea. However, this method has often been unreliable and dangerous. Now, a new technique has been introduced, which is more reliable and safe, and is now being tested. For 25 pts., name this technique, which involves using a UV pulse laser to slice off parts of the cornea to reshape it.

Answer: Photorefractive Keratectomy