

Round of 16

Toss-Ups

1. Uncovered by Rondal Ridenhour, only three men were indicted and only one of these, Lt. Calley, was convicted. FTP, name this infamous Vietnam War event in which U.S. troops slaughtered innocent civilians in a small Vietnamese town.

A: My Lai

2. FTP, identify the year in which the Union issued greenbacks to pay for the civil war, Congress pass the Homestead Act, General Grant captured Fort Henry, and the battles of Antietam and Shiloh took place.

A: 1862

3. The Vatican II Conference determined that this sacrament could be administered by priests and bishops. FTP, name this ceremony in which one's hands are anointed with a mixture of oil and balm, the official ceremony of an individual's acceptance into the church.

A: Confirmation

4. A pendulum approximates this type of motion. A spring/weight system will undergo this motion as a result of Hook's Law. FTP, this is the name given to motion in which the net force is proportional and antiparallel to the displacement.

A: Simple Harmonic Motion (prompt on harmonic)

5. Noticeable only when the kinetic energy of particles is very small, they can be attractive at close distances. Even closer, they are repulsive due to the interaction of outer electron orbitals. FTP, name these weak chemical forces named for the Dutch physicist who discovered them.

A: van der Waals forces

6. Among its many provisions were trial by a jury of peers, taxation only with consent, protections against governmental seizures, and limits of laws passable by the crown. FTP, name this document supported by the nobles, signed in 1215 at Runnymede by King John which limited the power of the British Monarchy.

A: Magna Carta

7. Responsible for Kuru and Creutzfeldt-Jakob Diseases, they stymied pathologists for years because they were resistant to all known treatments to kill viruses and bacteria. FTP, name these infectious proteins, containing no DNA, which are also responsible for Mad Cow Disease.

A: Prions

8. The gods in this opera must get the Rhinegold to pay giants Fafner and Fasolt for building their castle and to give Freia back. Aging without Freia's apples, Wotan and Loge sacrifice their accursed wants at Erda's insistence. FTP, name this Wagner opera in which Alberich steals the Tarnhelm and forswears love to make the all-powerful troublesome title object.

A: The Ring of the Nibelung

9. Built on what was once the prosperous city of Anfa, this city of nearly 3 million people, known as Dar-al-Baida in the native language, is the largest in its nation. This city has been occupied by European powers—including the Portuguese and the French—throughout its history. FTP, name this title city of a 1942 film starring Humphrey Bogart and Ingrid Bergman.

A: **Casablanca**

10. It was based on the novel Red Alert, by Peter George, which was published in Britain as Two Hours to Doom by Peter Bryant. It centers on the mission of one Major T.J. "King" Kong and the attempts of nearly everyone else in the movie to prevent it from reaching its conclusion. Unfortunately, they are unsuccessful, and, to the strains of the popular World War II era song "We'll Meet Again," the world is destroyed. FTP, name this black comedy directed by Stanley Kubrick.

A: **Dr. Strangelove** or How I Learned to Stop Worrying and Love the Bomb

11. In 1929, Edwin Hubble established a relationship between distance and this property, and used this relationship to approximate the age of the universe. It is calculated by dividing the change in wavelength by rest wavelength. FTP, name this cosmological phenomenon which describes the Doppler-like change in light's wavelength due to the expansion of the universe or high gravitation.

A: **Red Shift**

12. It is a long, semi-rigid body of vacuolated cells which runs between the enteric canal and the central nervous system. The purpose of this rod-like feature is to support the body of such creatures the hagfish or lamprey. FTP, name this part of endoskeleton which is replaced by vertebrae in higher life forms.

A: **Notochord**

13. In its four movements, "Morning" depicts the rising sun, "Ase's Death" is gloomy and sad, "Anitra's Dance" is happy and rhythmic, and "In the Hall of the mountain King" depicts a scene in which goblins, gnomes, and elves dance in a cavern. FTP, name this 1876 composition by Edvard Grieg, based on a play by Henrik Ibsen.

A: **Peer Gynt Suite** No. 1

14. In this 1894 play, Captain Bluntshli, a Swiss mercenary, fights for the Serbians until he gains refuge in the Petkoff household. There he falls in love with Raine. FTP, name this George Bernard Shaw play which takes its title from the first line of the Aeneid.

A: **Arms and the Man**

15. It is used in the reduction of metals from ores, and is combined with chlorine to produce phosgene and hydrogen to make methyl alcohol. It is odorless, colorless, and can cause fatal oxygen starvation in humans in very low concentrations. FTP, name this compound, with chemical symbol CO.

A: **Carbon Monoxide** (also accept **CO** before it is read)

16. Meaning "of the coast" in Arabic, this is the native language of roughly six million people around the Indian Ocean, but is spoken by 40 million more in east Africa. FTP, name this Bantu

language which is the official tongue of Kenya and Tanzania.

A: Swahili (also accept Kiswahili)

17. Groucho Marx, Alexander Woollcott, George Kaufman, Herman Mankiewicz, and Dorothy Parker were all regulars at this daily luncheon. FTP, name this group of intellectuals known for witty conversation who met in the 1920's and 30's in a New York Hotel

A: Algonquin Round Table

18. After working in San Francisco and London, he returned to San Francisco, working for Hearst's Examiner, where he wrote his column "The Prattler." In 1914 he disappeared mysteriously in Mexico. FTP, name this curmudgeonly writer of "In the Midst of Life," "An Occurrence at Owl Creek Bridge," and "The Devil's Dictionary."

A: Ambrose Gwynnet Bierce

19. After twelve years of wandering the country nude, he sat under a sala tree on the bank of the Rijupalika, and reached true knowledge and intuition. FTP, name this man, who spent the rest of his life preaching that there are no absolutes, that all actions have consequences, and that all life is sacred, even that of the insects; the founder of Jainism.

A: Vardhama Mahavira

20. Philosophically, this Latin phrase refers to a cause brought in as an explanation, while in ancient theater it was a common method of resolving a play. FTP, name this term, which in theater refers to god being brought to the stage to resolve a plot.

A: Deus ex Machina

Boni

1. Identify the following characters from Shakespeare's Macbeth FTPE.
The oldest noble in Scotland after Macbeth usurps the throne, he eventually kills Macbeth as revenge for the slaughter of his family.
A: Macduff
This son of King Duncan comes at the end of the play to reclaim his right to the throne of Scotland
A: Malcolm
This son of Banquo flees after his father's murder.
A: Fleance
2. Answer the following questions about Dr. Zhivago for the stated number of points.
Winning the Nobel Prize for Literature in 1958, the work's author was forced to renounce it due to political pressures.
A: Boris Leonidovich Pasternak
For five points each, give the first names of the two women that Dr. Yurii Zhivago loved.
A: Tonya and Lara
He is the person who loves Lara and fathers her first child. He joins the army and is presumed dead, but is later found to be alive.
A: Pavel (also accept Strelnikov)
3. FTPE, name these Mexican geographic locations from clues given.
Capital of Jalisco state, this is the second largest city in Mexico.
A: Guadalajara
This peninsula has the cities of Tijuana, Ensenada, La Paz, Mexicali.
A: Baja California
This body of water separates the Baja California peninsula from the main part of Mexico.
A: Gulf of California
4. FTPE, name the following figures of Greek mythology.
The titan rescued by Heracles from eternal torture by liver-removal gave fire to man.
A: Prometheus
This Titan created all the animals of the world and was the brother of Prometheus.
A: Epimetheus
She is the first woman on Earth, created by Hephaestus and taken by Epimetheus as his bride.
A: Pandora
5. 30-20-10, name the character.
For 30, he once captured Onini, Osebo, Mmoboro, and Mmoatia.
For 20, he can be compared with figures such as Brer Rabbit, as well as Coyote, Raven, and Hare.
For 10, this trickster's origin is from Ghana, but he is better known for coming from what the country was previously named.
A: Anansi the Spider

6. Name the Italian writing from clues given.

For 30, it was written in 1513 and revised in 1516 while its author was in an enforced exile.

For 20, the model figure in the book is Cesare Borgia, a ruthless politician.

For 10, the author is Niccolò Machiavelli, who wrote about how to obtain and keep power.

A: **The Prince**

7. Answer the following about various crystals FTPE.

This term refers to two distinctly different physical forms of an element. An example is diamond and graphite.

A: **allotropes**

The most potent of a class of central nervous system stimulants, this synthetic drug was originally used to treat narcolepsy and obesity, but has been illegal for the past thirty years. It is known on the street as "ice," "glass," "speed," "crank," or "chalk."

A: **methamphetamine** (prompt on **crystal meth**)

This comedian rose to prominence on **Saturday Night Live**, driven by what became his catchphrase "You look marvelous." He also starred in **When Harry Met Sally** and **City Slickers**, as well as lending his voice to the recent animated hit **Monsters Inc.**

A: Billy **Crystal**

8. Answer the following questions relating to a British novel FTPE.

This author, born in London in 1866, wrote famous novels such as **The Invisible Man** and **The Time Machine**.

A: H.G. **Wells**

For five points each, the Time Traveler in **The Time Machine** runs into these two kinds of creatures when he goes to the year 802,701 AD.

A: **Eloi, Morlocks**

This is the name of the Eloi that the Time Traveler saves from drowning and the character whom he befriends. This character dies later on in the novel in a fight with the Morlocks.

A: **Weena**

9. FTPE, answer these questions related to a terrorist arrested recently.

He was the American journalist kidnapped and killed in Pakistan about a year ago whose death sparked a major media blitz.

A: Daniel **Pearl**

This was the newspaper for which he worked, founded by Edward Jones and Charles Dow in New York.

A: The **Wall Street Journal**

This terrorist mastermind arrested in Pakistan last month allegedly killed Daniel Pearl in Pakistan.

A: **Khalid Sheikh Muhammad** (prompt on any part of his name)

10. FTPE, identify these capitals of South Africa.

The executive branch is located here.

A: **Cape Town**

The African National Congress is located here, near Johannesburg.

A: **Pretoria**

The judicial branch is located here.

A: **Bloemfontein**

11. FTPE, name these movies with a common director.

The director's first movie, it consists of an old Japanese spy thriller dubbed with a new set of words in English. The new plot involves a search for an egg-salad recipe.

A: **"What's Up, Tiger Lily?"**

Winning 4 Academy Awards in 1977, this movie starring the director and Diane Keaton centers on a New York comedian who falls in love with a singer while contemplating his emotional problems.

A: **"Annie Hall"**

This movie involves a New York husband, who, despite his "award-winning genes," adopts a son, and then gets into a relationship with the son's mother. This film is notable for its "Greek chorus," which narrates and comments on the action.

A: **"Mighty Aphrodite"**

(If asked about the director, he is Woody Allen)

12. For the stated number of points, name these things related to a notable anthropologist's religious progression of cultures.

For 5, this is the belief in a singular creator who has divine characteristics.

A: **Monotheism** (also accept **Deism**)

For 5, this is the belief in two or more initial creators; sometimes these creators take part in normal life.

A: **Polytheism**

For 10, this is the belief in many spirits that created and control the earth.

A: **Animism**

For 10, this British anthropologist who propounded the progression, from animism to monotheism, as well as writing many books on animism and primitive culture.

A: Sir Edward Burnett **Tylor**

13. Answer the following questions relating to Of Mice and Men for the stated number of points.

For 5, the author was born in California in 1902 and wrote many other works, including Cup of Gold, Tortilla Flat, and The Grapes of Wrath.

A: John **Steinbeck**

Name the two main characters of Of Mice and Men for five points each.

A: **George Milton**, **Lennie Small** (accept either name for each character)

For 15, name the town from which Lennie and George after Lennie was accused of raping a girl.

A: **Weed**

14. FTPE, answer these questions relating to the Colombian civil war.

This largest left-wing guerilla group has long waged war on the government and controls much territory in Colombia.

A: **FARC** or **Revolutionary Armed Forces of Colombia**

This Colombian president was elected in 1998, following which leaders of FARC and several other revolutionary groups agreed to open negotiations.

A: Andrés **Pastrana**

Elected in 1994, this president was investigated for soliciting money from drug cartels during his presidency. The FARC refused to cooperate with him at all during the last year of his tenure.

A: Ernesto **Samper** Pizano (prompt on **Pizano**)

15. Give the requested information regarding cell reproduction FTPE.

Humans with 45 or 47 of these, i.e., too few or too many, are subject to a plethora of genetic diseases and disorders.

A: **chromosomes**

This second stage of gamete production produces four haploid daughter cells. It is distinguished by the lack of genetic reassortment during prophase.

A: **meiosis II** (do not accept **meiosis**)

These structures are created when the four products of meiosis are collected in a sac known as an ascus. They are found in many yeasts, molds, and algae.

A: **tetrads**

16. FTPE, answer these questions about a certain branch of mathematics and economics.

John von Neumann and Oskar Morganstern pioneered this field that is concerned with models of rational human interaction.

A: **Game theory**

Albert W. Tucker invented this most famous problem in game theory, which originally involved the interactions of two burglars, Bob and Al.

A: the **Prisoner's Dilemma**

Many believe this strategy, in which the player acts exactly as his opponent did in the last round, to be the best one in a repeated Prisoner's-Dilemma-type game.

A: **Tit for Tat**

17. FTPE, answer the following questions about calendars, past and present.

In areas with colder climates, ancient civilizations defined their calendars by the seasons, most notably, the end of winter. However, warmer climates tended to base their calendars on this celestial body.

A: the **moon**

Identify the pope after whom the current calendar is named who changed the calendar so that usually every fourth year would be a leap year with a few exceptions.

A: Pope **Gregory XIII** (prompt on **Gregory**)

From 1999 to 2501, identify all the years divisible by 4 that will not be leap years.

A: **2100**, **2200**, **2300**, **2500** (do not prompt on a partial answer)

18. Answer the following questions about the upcoming NCAA basketball tournament FTPE.

This is the number of teams that will compete in the tournament.

A: **65**

Traditionally, this conference sends 4 or 5 strong teams each year to the NCAA. However, this year, the conference's 50th anniversary, an overall poor performance resulted in 4 teams with lower-than-usual seedings.

A: **ACC** (also accept **Atlantic Coast Conference**)

After it was discovered that assistant coach Jim Harrick Jr. had set up a bogus class to boost the GPA's of players, this team ranked 19th in the nation was promptly banned from all postseason

play.

A: University of **Georgia**

19. FTPE, answer these questions regarding similar biology terms. (Note to reader: do not give missed answers until end of bonus)

This organelle, the “command center” of a cell, is not found in prokaryotic organisms.

A: **Nucleus**

These encoding molecules contain a sugar, a phosphate group, and one of four nitrogenous bases.

A: **Nucleotide**

This structure within the nucleus is responsible for manufacturing ribosomes.

A: **Nucleolus**

20. 30-20-10, name the famous American woman.

For 30, her home in Jackson Ward is now an historical site maintained by the National Park Service.

For 20, in 1903, she founded the St. Luke’s Penny Savings Bank, which now exists as Consolidated Bank and Trust.

For 10, she was the nation’s first black female bank president, and today a high school in Richmond, Virginia, is named after her.

A: Maggie Lena **Walker**