

TOSSUPS – MTSU I & II

1999 MOON PIE CLASSIC – UT-CHATTANOOGA

1. Though it's only about thirteen miles long and seven and a half miles wide, it is known for its sudden storms, which often strand sailors. Among its alternate names are Bahr Tabariya, Lake of Gennesaret, Sea of Chinnereth, and Sea of Tiberias. Its geographic characteristics are less known than its reputation for supernatural happenings. FTP name this inland sea where it is recorded that Jesus walked on water.

Answer: **Sea of Galilee**

2. Corvées /kor VAYS/ were unpaid labors they owed in addition or in lieu of taxes, and they could pay a scutage tax in lieu of military service. For ten points, name these members of feudal society who exhibited the solemn acts of ritual of homage and fealty for being given a fief by an overlord.

ANSWER: **Vassal**

3. It has a diameter of 300 miles across. Its highly eccentric orbit makes it almost more of a comet than a moon. It is about 87,000 miles away at its closest point to its home planet; it is about 5,900,000 miles away at its furthest point. FTP, name this small satellite of Neptune, which shares its name with the sea nymphs of Greek mythology.

Answer: **Nereid**

4. In her master's thesis, she spoke admiringly of the rhythmic prose of fellow southern author William Faulkner. Born Chloe Anthony Wofford, she graduated from Howard University in 1953 and went on to write such works as The Bluest Eye, Tar Baby, and Song of Solomon. FTP name this author of Beloved.

Answer: **Toni Morrison**

5. Simon is a Sean Connery impersonator. Renton is a vegetarian, but is deadly accurate with a gun. Tommy gets AIDS after he gets addicted to heroin. Begbie is a lunatic with a penchant for violence. FTP what is this novel by Irvine Welsh detailing the lives of a group of friends in Edinburgh?

Answer: **Trainspotting**

6. It combines with oxygen to produce xanthophyll. Its presence in the liver of humans and animals aids in the metabolism of Vitamin A. FTP, name this orange-yellow pigment that can be found in many flowers and which is best known for providing the color in carrots.

Answer: **Carotene**

7. He rose up from the auto assembly line, so it is ironic that his most powerful weapon was the sit down strike. In 1955 he predicted a second industrial revolution as a result of automation. Who was this leader of the United Auto Workers Union who was chosen to lead the CIO on Dec. 4th 1952?

Answer **Walter Reuther**

8. If f and g are differentiable, and $f'(a)$ equals $g'(a)$ equals zero, and $g'(x)$ does not equal zero, then the limit of $\frac{f(x)}{g(x)}$ as it approaches a (of $\frac{f'(x)}{g'(x)}$ over $g'(x)$) equals $f'(x)$ prime (of x) over $g'(x)$. FTP what's the name of the rule in calculus which has just been described to you?

Answer: **L' Hopital's Rule**

9. She fled to Europe after she was going to be put on trial for publishing obscene materials in her newspaper "The Woman Rebel." Responsible for the first shipment of diaphragms into the United States, who is this woman who, FTP, opened the first birth control clinic in the United States?

Answer **Margaret Sanger**

10. Its seal contains the town motto, "summus quod summus," or "we are what we are." Two different cartographical errors are responsible for its absence on all known maps of Minnesota. Chances are, it's been a quiet week in this fictional town where all the women are strong, the men are good looking, and the children are all above average. FTP name this creation of humorist Garrison Keillor.

Answer: **Lake Wobegon**

11. QUOTE: "If all mankind minus one were of one opinion, and only one held a contrary opinion, mankind would be no more justified in silencing that one person than he, if he had the power, would be justified in silencing mankind." FTP what English philosopher & economist wrote these lines in his 1859 essay *On Liberty*?

Answer **John Stuart Mill**

12. He was born in 1938, and graduated from Macalester College in Minnesota. After postgraduate work in Switzerland, he earned a master's in management from MIT. In the 1970s he spent two years as head of the tourism development board for his native Ghana, but since then he's made a career of diplomacy. FTP name this successor to Boutros Boutros-Ghali as Secretary General of the United Nations.

Answer: **Kofi Annan**

13. This Phrygian woman turns into stone like the rock face on Mount Sipyrus in Asia Minor which "weeps" (pours water down from its summit). Her six daughters and six sons were killed by Artemis and Apollo. FTP, name this wife of Amphion, for whom is named the element with atomic number 41.

Answer: **Niobe**

14. His experiences in the commedia dell'arte helped shape his repertory of stock characters, and he often played those stock characters off against parodies of himself drawn by critics. He ridiculed his own marriage to a much younger woman in *The School for Husbands*, and died immediately after a performance in which he played the lead role in his own *The Imaginary Invalid*. FTP name this French playwright, author of *Tartuffe*.

Answer: **Moliere** (accept Jean Baptiste Poquelin)

15. Born in 1703, he was a minister in Northampton, Mass. for 30 years before moving to Stockbridge, Mass., where he became an Indian missionary. Name this clergyman and theologian famous for his role in the Great Awakening and author of the 1741 sermon, "Sinners in the Hands of an Angry God."

Answer: **Jonathan Edwards**

16. This group of 12 can be divided into two types: sensory and motor. Among them are the accessory, trochlear, abducens, oculomotor, and vagus. They control such things as vision, smell, movements, even swallowing. FTP, name these nerves that are assessed to determine brain damage.

Answer: **cranial nerves**

17. In a thoughtless moment of frolic gallantry, Lord Petre cut the hair of Lady Arabella Fermor, resulting in a feud between the two families. This true incident inspired this work, in which the heroine is renamed Belinda. For ten points, name this mock-heroic comic poem by Alexander Pope.

ANSWER: ***The Rape of the Lock***

18. It resulted in the capture of James M. Mason and John Slidell in Havana by Charles Wilkes of the U.S.S *San Jacinto*. For ten points, name this violation of freedom of the seas because the prisoners were taken from a neutral British ship in 1861 during the American Civil War.

ANSWER: **Trent Affair**

19. European scientists in the seventeen and eighteen hundreds believed electricity was composed of two different types: vitreous and resinous. Then in 1751, this man proposed the single fluid theory, stating only one form of electricity existed. Name this American scientist, philosopher, and politician, famous for his kite experiments with lightning held outside Philadelphia, PA.

Answer: **Ben Franklin**

20. Founded by Captain Jon Logerquist, a Swedish mercenary, in 1635, it is now one of America's most populous cities with more than 4,800,000 citizens. What is this New Jersey city, famous for being the base of Wayne Industries and the home of Batman, at least in the DC comics universe?

Answer: **Gotham City**

21. Pioneer 10 was launched. Life Magazine suspended publication after 36 years. The first woman rabbi in the united states was ordained in Cincinnati Ohio. Alabama Governor George Wallace was shot and paralyzed from the waist down while campaigning. And in May, police arrested five men involved in a break-in in the Watergate apartment complex in Washington DC. FTP in what year did all of these events occur?

Answer: **1972**

22. The start one of these is for methionine. They are composed of groups of 3 nucleotides and are found on messenger RNA. FTP, name these clusters, which during protein synthesis, carry the cells genetic code.

Answer: **codons**

23. The novelization was written by Henry Edwards, who also wrote the screenplay. Robert Stigwood was the producer and Michael Schultz was the director. It featured Steve Martin as Dr. Maxwell Edison, and George Burns as Mr. Kite. FTP what is this abysmal film starring Peter Frampton and the Bee Gees, allegedly based on the Beatles album by the same name?

Answer: **Sgt. Pepper's Lonely Hearts Club Band**

1. Recent events in Yugoslavia have prompted uncomfortable comparisons with the rise of Nazi Germany. Prove you aren't doomed to repeat it by remembering these items about European relations in the 1930s FTPE:

- This Czech leader offered the Sudeten Germans a great deal of autonomy in a failed attempt to forestall German annexation. His efforts are often compared to various deals offered to Milosevic and Bosnian Serb leader Radovan Karadzic for ethnic Serb autonomy in Bosnia. ANS: Eduard Benes
- This British Prime Minister conceded Hitler's right to the Sudetenland at Munich in a conference not attended by Czech representatives. Parallels to the Rambouillet agreements have been floating about in the British media recently. ANS: Neville Chamberlain
- Hitler's invasion of Austria deposed this Austrian Chancellor, whose rise to power had been ironically bankrolled by Benito Mussolini. ANS: Kurt Schuschnigg

2. How much do you know about Saturn's rings? Assuming that the first ring is the outermost ring, and the third ring is the innermost ring, Answer these questions FTSNOP.

F5P: The large gap between the first and second rings of the planet

Answer: Cassini Division (or Divide)

FTP: The narrow gap that splits the first ring

Answer: Encke Division (or Divide)

F15P: The name given to the third ring because of its transparent nature.

Answer: Crepe Ring

3. Given a description of a character from Hawthorne's The Scarlet Letter, name the character (first and last names are required except as noted) FTSNOP.

5 points--The name of the adulteress condemned to wear the letter A over her heart

Answer: Hester Prynne

5 points--The name of Hester Prynne's jealous husband

Answer: Roger Chillingworth

10 points--The young reverend who committed adultery with Hester Prynne

Answer: Arthur Dimmesdale

10 points--The illegitimate child of Hester Prynne and Arthur Dimmesdale (no last name required)

Answer: Pearl

4. How many of you remember your high school Latin classes? First, translate these Latin signs into English F5P each.

Cave Canem

Answer: Beware of Dog

Noli Perturbare

Answer: Do Not Disturb

Sona Si Latina Loquere

Answer: Honk If You Speak Latin

Now give the English translations of these lunar features F5PE:

Sinus Iridum

Answer: Bay of Rainbows Oceanus Procellarum

Answer: Ocean of Storms

Mare Tranquillitatis

Answer: Sea of Tranquility

5. Sure, he's on the \$20 bill, but these questions on the presidency of Andrew Jackson are only with TPE. The Whig Party was launched to resist the abuses of the arbitrary "King Andrew" largely as a result of Jackson's veto of this internal improvements bill. **ANS: The Maysville Road Bill**

In his second term, Jackson challenged the Bank of the United States, accusing its president of operating the bank in the interests of stockholders rather than the interests of the nation. Who was that bank president?

ANS: Nicholas Biddle

Among those who reacted against Jackson at the personal level was this third party, which nominated William Wirt to run against Jackson in 1832. Name it. **ANS: the Anti-Masonic Party**

6. Tommy can you hear me? Name these musicians who played a part in the film based on the Who's rock opera Tommy for ten points on the first clue, five on the second.

1a) FTP she is the Acid Queen and locks Tommy in an Iron Maiden loaded with syringes.

1b) This private Dancer escaped an abusive relationship with her husband Ike.

Answer Tina Turner

2a) He plays the doctor who attempts to heal Tommy, but is more interested in Mrs. Walker.

2b) It's tough to say whether his scarier scene is when he sings in this film, or when he breaks through the door in the Shining.

Answer Jack Nicholson

3a) He is the preacher in a church dedicated to Marilyn Monroe and promises eyesight to the blind.

3b) He's known as the Slowhand and has played in such bands as Derek and the Dominoes and Cream.

Answer Eric Clapton

7. FTP, given the discoverer and year, name the chemical element. If you need the atomic number, you get 5 points.

1. 10--William Hyde Wollaston, 1803

5--46

Answer: PALLADIUM

2. 10--Per Teodor Cleve, 1879

5--69

Answer: THULIUM

3. 10--Nils Gabriel Sefstrom, 1830

5--23

Answer: VANADIUM

8. FTP each, name the Shakespearean comedy given a set of characters.

Valentine and Proteus

ANS: Two Gentlemen of Verona

Orsino and Viola

ANS: Twelfth Night

Dromio of Ephesus and Dromio of Syracuse **ANS: The Comedy of Errors**

9. Irving Stone made a successful literary career out of fictionalizing the lives of the famous. Given a Stone work, name the real-life protagonists FTPE:

The Agony and the Ecstasy

Answer: Michelangelo Buonarotti

Lust for Life

Answer: Vincent Van Gogh

The Greek Treasure

Answer: Heinrich or Sofia Schliemann

The Passions of the Mind

Answer: Sigmund Freud

The President's Lady

Answer: Rachel or Andrew Jackson

Men to Match My Mountains

Answer: Brigham Young

10. The course of European history for most of the 19th century was settled by the balance-of-power principles established at 1815's Congress of Vienna. Identify the representatives of the following nations FTPE.

Austria

ANS: Klemens von Metternich

France

ANS: Charles Talleyrand

Great Britain

ANS: Lord Castlereagh

11. FTPE answer these questions about the labors of Hercules.

1. His sixth labor was to kill the carnivorous birds of this lake.

ANS: **Stymphalis** (accept adjective form Stymphalian)

2. His second labor was to capture alive the Erymantian boar and bring it to, FTP, whom?

ANS: **Eurystheus**

3. His fourth labor was to capture a sacred stag and bring it to this goddess.

ANS: **Artemis**

12. Do you love Link and Zelda just as much as I do? You might. Given information about any Legend of Zelda game ever made, tell what is being sought for FFP apiece.

a) The name of Level 6 in Link's Awakening

Answer: **Face Shrine**

b) The FULL name of the evil villain who terrifies Link and Zelda in all of the Zelda games with the exception of Link's Awakening.

Answer: **Ganondorf Dragmire**

c) The name of the kingdom where Link and Zelda live In Link's Awakening

Answer: **Hyrule**

d) the Instrument of the Sirens obtained from Eagle's Tower

Answer: the **Organ of Evening Calm**

e) The name of the boss guarding Parapa Palace in The Adventures of Link

Answer: **Horsehead**

f) The subtitle of the Legend of Zelda video game made for Nintendo 64.

Answer: **Ocarina of Time**

13. Identify the following famous dancers for ten points each:

a. Born in 1880, he was the best Russian ballet dancer of his era and he was a founding member of Sergei Diaghilev's Ballet Russe.

ANSWER: Vaslav **Nijinsky**

b. Born Margaret Hookham, she was the most successful British ballet dancer of all time and served as prima ballerina in the British Royal Ballet from 1940 to 1979.

ANSWER: Dame Margot **Fonteyn**

c. As a teenager, this dancer was a regular on Sesame Street, but he is best known for his tap dancing in the Broadway sensation, *Bring In Da Noise, Bring In Da Funk*.

ANSWER: Savion **Glover**

14. Given the definition, identify the biological term for the stated number of points.

1. For 5: they are endogenous cycles of about 24 hours that occur in the absence of external clues

Answer: **CIRCADIAN RYTHM**(s)

2. For 5: it is a class of flowering plants generally characterized as having two cotyledons, net-veined leaves, and flower parts in fours or fives.

Answer: **DICOT** (or **DICOTYLEDON**)

3. For 10: in genetics it is a situation in which the effects of both alleles at a particular locus are apparent in the phenotype of the heterozygote.

Answer: **CO-DOMINANCE**

4. For 10: this is the undifferentiated plant tissue from which new cells arise.

Answer: **MERISTEM**

15. FTPE identify the American neo-romantic composer given a well-known work.

1. The Grand Canyon

ANS: Ferde Grofe

2. An American in Paris

ANS: George Gershwin

3. Hoedown

ANS: Aaron Copland

16. For ten points apiece, identify these works by Aristophanes.

a. Greece's women seize the Acropolis and treasury, and they declare a sex strike until their men make peace.

ANSWER: Lysistrata

c. Dionysus disguises himself as Heracles and goes down to Hades with his slave Xanthias. There he visits Aeschylus and Euripides who he brings back to the land of the living.

ANSWER: The Frogs

c. The slave Cleon the Paphlagonian is well-loved by his master Demus. Then his fellow slaves Demosthenes and Nicias find a Sausage-Seller who persuades Demus to hate Cleon.

ANSWER: The Knights

17. I'll describe a famous Supreme Court decision, you name the case FTPE.

The Court ruled that separate public facilities for blacks and whites did not violate the Fourteenth Amendment's "equal protection" clause.

ANS: Plessy v. Ferguson

The Court held that constitutional challenges to the unequal distribution of voters among legislative districts could be resolved by federal courts, rejecting its own 1946 precedent.

ANS: Baker v. Carr

In this 1986 decision, the Court declared that voting districts should not discriminate by race, even if such discrimination was unintentional. It resulted in increased minority representation.

ANS: Thornburg v. Gingles

18. Give the animal behavior term which refers to the following types of symbiotic behavior, FTPE.

a. Helpful behavior which raises the recipient's direct fitness while lowering the donor's direct fitness.

ANSWER: Altruism

b. A relationship in which all organisms benefit.

ANSWER: Mutualism or cooperation

c. This relationship is similar to mutualism, but the benefit to the donor is delayed while the benefit to the recipient is immediate.

ANSWER: Reciprocity

19. Name the author from works, 30-20-10.

(30) La Nouvelle Heloise

(20) Emile, ou L'Education

(10) The Social Contract

Answer: Jean-Jacques Rousseau

20. FTP apiece, given a description of a calculus rule, name the rule.

a) For any real number n, the derivative with respect to x (of x raised to the n power) equals n times x raised to the power of n minus one.

Answer: Power Rule

b) The derivative with respect to x (of f (of g (of x))) equals f prime (of g (of x)) times g prime (of x).

Answer: Chain Rule

c) If u equals f (of x) and v equals g (of x) are differentiable, then the derivative with respect to x (of u over v) equals the derivative of u with respect to x times v minus u times the derivative of v with respect to x divided by the quantity of v squared.

Answer: Quotient Rule