

## Minnesota Masters

Packet by the Alpha Female, a Teuton and Binky the Trash Slut  
Emily Pike, Andrew Ulland, and Steve Jenkins

### Tossups

1. Brought to the Senate by Henry Clay, one part of this legislation helped resolve the Texas-New Mexico boundary dispute, while other portions created Utah and New Mexico as neutral territories to balance the admission of California as a free state. Along with a proposition to end the slave trade in Washington, DC, these bills-for 10 points-made up what proposal that included the Fugitive Slave Act?

Answer: the Compromise of 1850

2. The Hebrew term for this text means "addition," and the text itself, which is never printed alone, exists in the Bavli and Yerushalmi forms. A collection of the teachings of the Amoraim [ah-more-EYE-im], this text provides a source for history and legend and supplements its partner with Biblical expositions. For 10 points-identify this text, which along with the Mishna, makes up the Talmud.

Answer: Gemara

3. The narrator relates the story of the title character, starting from the early 1950s, and the story is sprinkled with journal-like interludes written by the narrator from his current residence of Toronto. The title character, who is the narrator's best friend, accidentally kills the narrator's mother with a batted baseball and determines that he is an instrument of God's will. For 10 points-name this novel about the product of an immaculate conception by John Irving.

Answer: A Prayer for Owen Meany

4. A student of Masolino da Panicale, he quickly moved away from International Gothic to a more realistic presentation of figures in space. In 1424, he joined the Company of St. Luke, and two years later he completed the Holy Trinity in Santa Maria Novella as well as many frescoes for the Brancacci [bran-KAH-chee] Chapel. For 10 points-name this artist who produced Tribute Money and the Expulsion of Adam and Eve from Eden.

Answer: Masaccio or Tommaso di Giovanni di Guidi

5. An accomplished mountain climber and ardent anticommunist, this scientist earned his Ph.D. at the University of Munich in 1923 and studied at Göttingen under David Hilbert and Max Born and at Copenhagen under Niels Bohr. A professor of theoretical physics at the University of Leipzig from 1927-41, this director of the Max Planck Institute was in charge of the German research on the atomic bomb. For 10 points-name this physicist, who won the 1932 Nobel Prize in physics for his matrix approach to quantum mechanics.

Answer: Werner Karl Heisenberg

6. Born with the first name James, he played professional baseball for 25 years, including five in the Dominican Republic and Mexico. Primarily playing as an outfielder, he finished with a .337 career average and 1,241 hits. For 10 points-name this Negro League star who played his first ten seasons with the St. Louis Stars, who was elected to the Hall of Fame in 1974.

Answer: James Thomas "Cool Papa" Bell

7. Walsingham described his coronation as "the long-awaited day of the renewal of peace and of the laws of the land, long exiled by the weakness of an aged king." Beginning his reign as a minor, he relied on the influence of his mother, Joan of Kent, and his tutor Robert Burley. Though he demonstrated power in dealing with Wat Tyler's peasant revolt, he never matched the strength of his father, Edward the Black Prince. For 10 points-name this British king, who lost his throne to the future Henry IV.

Answer: Richard II

8. His father died four years after he was born, and shortly after he left India, his mother remarried Henry Carmichael-Smyth. He studied law, though he never actually got anywhere with it, instead supporting himself by selling sketches and working at a bill discounting firm. He wrote for the Constitution, a newspaper run by his mother and stepfather, but it was after his wife, Isabella Shaw, went insane that he published the works for which he is most famous. For 10 points-name this author of The History of Henry Esmond, The Newcombes, and Vanity Fair.

Answer: William Thackeray

9. This film remembers an event that occurred on September 15, 1963. Produced by 40 Acres & a Mule Film Works, it features Joan Baez's rendition of "Birmingham Sunday" and shows historical civil rights footage as well as footage of the Sixteenth Street Baptist Church. For 10 points-identify this Oscar-nominated documentary that honors Denise McNair, Cynthia Wesley, Addie Mae Collins and Carole Robertson, directed by Spike Lee.

Answer: 4 Little Girls

10. According to Apollodorus, she was born of Earth and Tartarus, and Hesiod describes her as eating raw flesh beneath the secret parts of the holy earth. Her progeny were many, including the eagle that tormented Prometheus, the serpent that guarded the Hesperides, Cerberus, the Nemean Lion, the Lernian Hydra and the Chimera. For 10 points-name this monster, part woman and part serpent, that was finally killed by Argus.

Answer: Echidna

11. The oldest written records in this country's language are the Freising Manuscripts, which date from Prince Kocelj's [ko-SHEL-yuhs] establishment of a central government in Lower Pannonia. Famous for its karst caves, this Adriatic nation elected Milan Kucen [KOO-chen] as its first post-independence President. For 10 points-what is this nation, bordered by Hungary, Austria, Italy and Croatia, which gained independence in June 1991, whose capital is at Ljubljana?

Answer: Republic of Slovenia or Republika Slovenija

12. Born in 1905, he taught philosophy in high schools until he was drafted at the start of World War II. He wrote *Dirty Hands* and *The Condemned of Altona*, which deal with liberty and responsibility and end with the suicide of the protagonist. For 10 points-name this philosopher/writer whose more popular works include *Nausea* and *The Age of Reason*.

Answer: Jean-Paul Sartre

13. This term, usually applied to trees, can also be used to describe teeth. Trees of this type possess leaves which rapidly photosynthesize during warm, moist periods and often have animal-dispersed pollen and fruits. Ginkgo, maple, and oaks fall into this category, but fir trees do not. For 10 points-identify this term that refers both to the first set of teeth in humans as well as trees that lose their leaves in cold weather.

Answer: deciduous

14. Until the 1930's, she was publishing poetry under the pseudonym Anne Singleton, but studying with John Dewey and Elsie Clews Parsons changed the focus of her writings. Her doctoral thesis was titled "The Concept of the Guardian Spirit in North America," and most of her fieldwork was among the Native American tribes of the Southwest, about which she published *Zuni Mythology*. FTP, identify this cultural anthropologist, the author of *Patterns of Culture*.

Answer: Ruth Fulton Benedict

15. They probably could have been happy underground, but their unique, guitarless sound has made this band big and important. Robert Sledge and Darren Jessee play the bass and drums behind the lead vocalist, who also plays piano. For 10 points-name this erroneously named band from Chapel Hill, North Carolina, which has gained fame with such songs as "Song for the Dumped" and "Brick."

Answer: Ben Folds Five

16. Set in a previously unfashionable north London suburb, the site covered 222 acres. Its stated goal was to celebrate the achievements of empire, especially since the empire had reached unprecedented proportions with the addition of the post-World War I mandates. A huge complex was created, featuring pavilions for the dominions, India, and the colonies, and streets named by Rudyard Kipling. For 10 points-what was this exhibition, whose great stadium was later acquired by the English Football Association?

Answer: the Wembley exhibition.

17. Originally labeled Number Five, music critics often describe this work as a bunch of folk tunes loosely strung together in patchwork quilt fashion; nevertheless, as the composer said, "it created a furor" when it was first performed by the New York Philharmonic in December of 1893. Using mainly horns to introduce the main themes, in this symphony the composer intertwined songs of the American black population and Bohemian themes from his childhood.

For 10 points-identify this symphony in E minor written in New York City and Spillville, Iowa, by Anton Dvorak.

Answer: Symphony From the New World or the New World Symphony (accept Symphony No. 9 in E Minor on an early buzz)

18. He was married three times and had eight children. He was the first man to bring home a head from war.

He is banished from Umuofia for manslaughter, and upon his return seven years later, he finds his village Christianized and subject to English colonial law. Ultimately his frustration drives him to murder a white man, and he hangs himself in despair. For 10 points-identify the central character of Chinua Achebe's Things Fall Apart.

Answer: Okonkwo

19. Throughout the 1800's, the parties involved were unable to agree upon a boundary line separating their territories in an infertile, largely uninhabited area. After World War I, rumors of petroleum deposits in the region arose, and a clash occurred in 1928. For 10 points-name the war that ensued, which was fought from 1932-35 between Bolivia and Paraguay.

Answer: Gran\_Chaco War

20. Though it was launched as a member of the 10-gun brig class, it never sailed as a brig. Commanded by Robert Fitzroy, it made only three voyages, the first being in 1826 and the last in 1837. For 10 points-name this ship, most famous for its second voyage, a surveying expedition circumnavigating the globe with a naturalist named Charles Darwin.

Answer: HMS Beagle

21. Their doctrines were discussed by Cantillon, Vauban, and Mirabeau, and Henry George was influenced by their desire for a single tax on the source of wealth. They believed that the key to economic prosperity was the development of natural resources and the advancement of agriculture, and that laissez-faire policies were necessary to establish a healthy economy. For 10 points-identify this eighteenth-century school of economic theory led by Francois Quesnay [ken-NAY].

Answer: physiocrats

22. In this equation, the logarithmic term is called the reaction quotient and takes the same form as the equilibrium constant in comparing concentrations of species, but because solids and liquids have activities equal to one, they can be ignored in the calculation of the cell potential. In physiological systems it is often used to calculate the equilibrium potential required to balance an ionic gradient across a membrane. FTP, what is this electrochemical equation used to express the net driving force for a reaction?

Answer: Nernst equation

23. He gained control of the empire when his father Humayun died from falling down the

stairs. Early in his reign, he reformed the revenue system, ended poll taxes and abolished fiefdoms. He married the daughter of a Rajput prince and won loyalty by not forcing Islam on his subjects, though he did declare his emperor-worshipping cult Din Ilahi the state religion. For 10 points-name this highly praised Mughal ruler of India who extended the empire to most of the subcontinent and who promoted Hindu-Muslim unity.

Answer: Jalaluddin Mohammad Akbar

24. Born in Rouen in 1606, he first studied law, but with Molière [mo-YAIR]and Quinault [KEEN-oh], he worked on the opera Psyche. A master of the alexandrine verse form, he lost his position as a lawyer and administrator in Rouen because of the Fronde, and that bad luck extended to his relations with Mazarin and Richelieu, who encouraged the Academie to censure this author's most famous play. For ten points-identify this playwright of Le Cid.

Answer: Pierre Corneille [kaw(r)-NAY]

25. It can be caused by leukemia, trauma or malignant tumors but is usually caused by pneumococcus bacteria, and treatment involves antibiotics. Symptoms include headache, vomiting, back pain, high fever and a stiff neck. For 10 points-name this potentially deadly disease, described as an inflammation of the membranes that surround the brain and spinal cord.

Answer: meningitis

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Bonus Questions

1. Identify the characters who spoke these quintessential Shakespearean lines, on a 5-10-15 basis.

A. "If music be the food of love, play on."

Answer: Duke of Orsino

B. "Something is rotten in the state of Denmark."

Answer: Marcellus

C. "For never was a story of more woe / Than this of Juliet and her Romeo."

Answer: Prince Escalus of Verona (accept either part)

2. \*\*\*visual bonus\*\*\* Identify the Greek statues, for 10 points each.

Answers:

A. Doryphoros or the Spear Bearer

B. Kritios Boy

C. Apoxyomenos or the Scrapper

3. Identify these women from the life of Charles II of England, for 10 points each.

A. At a time when religious fervor ruled the realm, Charles II's mother was this very Catholic French woman, which caused no small amount of anger in the kingdom.

Answer: Henrietta Maria of France

B. Shortly after restoration to the throne, Charles married this daughter of the king of Portugal.

Answer: Catherine of Braganza

C. Probably the best known of Charles' loves was this woman who rose from selling oranges outside Drury Lane to become a leading actress of the day and a leading mistress of the "Merry Monarch."

Answer: Nell Gwynne

4. Identify the following terms associated with chemical phase diagrams for the stated number of points

A. For 5 points-this is the point beyond which the liquid and vapor phases of a substance are no longer distinguishable.

Answer: critical point

B. For 10 points-this is a liquid mixture that is characterized by a constant minimum or maximum boiling point which is lower or higher than that of any of the components; if a solution forms one of these, distillation can't be used to separate the liquids because the condensate has the same composition as the mixture.

Answer: azeotrope

C. For 15 points-this rule, based on the relative lengths of the tie lines, is a way to calculate the proportion of each phase present on a phase diagram in a binary phase field at a given temperature and composition.

Answer: the lever rule

5. Identify the Robert Frost poem from which each of the following lines are taken, for ten points each.

A. "The buzz saw snarled and rattled in the yard"

Answer: Out, Out--

B. "Nature's first green is gold"

Answer: Nothing Gold Can Stay

C. "The land was ours before we were the land's."

Answer: The Gift Outright

6. Identify the following concerning the recent NBA draft, for 5 points each and a bonus 5 for all correct:

A. This player was picked first in the draft by the LA clippers. He's been playing competitive ball for only three years.

Answer: Michael Olowokandi

B. Keeping with the international flavor, the Dallas Mavericks got the rights to this 6' 11" German, whose name sounds more like an NFL line backer than an NBA forward.

Answer: Dirk Nowitzki

C. The latest in a line of University of Michigan players with stormy careers, Robert "Tractor" Traylor was hauled in by this less-than-spectacular team, where he will play with a star of Spike Lee's He Got Game.

Answer: the Milwaukee Bucks (accept either part)

D. The Detroit Pistons used the eleventh overall pick to snag this Ball State guard, who led the nation in steals his senior year and ranked eight in scoring.

Answer: Bonzi Wells

E. Before this St. John's guard ever played a game of college ball, he garnered a Sports Illustrated cover. Touted as one of the nation's top "superfrosch," his collegiate career never made huge waves, but now he'll have a chance to prove himself with Vancouver, after being traded there from San Antonio.

Answer: Felipe Lopez

7. Between the Judeo-Christian and the Muslim scriptures, six names are given to archangels, four for each tradition (with two duplicates). For 5 points each-name them.

Answer: Michael, Raphael, Gabriel, Uriel, Azrael and Israfel

8. Not many bonuses are written on bridge and fewer are written on scoring. Given the number of tricks set and vulnerability status, give the number of penalty points that would be scored, for 5 points each with a 5 point bonus for all correct.

A. Down three, not vulnerable.

Answer: 150

B. Down five, vulnerable.

Answer: 500

C. Down four, doubled, not vulnerable.

Answer: 700

D. Down four, doubled, and vulnerable.

Answer: 1100

E. Down two, redoubled, not vulnerable.

Answer: 600

9. 30-20-10-5. Identify the historical figure.

A. Schooled in the writings of French revolutionaries, he wrote his own revolutionary tract, "The Duties of Man," which was published in two parts in 1844 and 1856.

B. Born in Genoa in 1805, to signify his sympathy for refugees from the failed Naples rebellion of 1821, he took to wearing a black suit, a costume he would wear for the rest of his life.

C. After a six-month imprisonment for his role in the revolts of 1830-31, he exiled himself from Italy, spending most of the rest of his life in Switzerland, France and Britain.

D. While in exile he founded Young Italy, the movement with which he is most closely associated.

Answer: Giuseppe Mazzini

10. Identify these eponymous physical effects from a brief description, for 10 points each.

A. This effect states that a collision of a photon and an electron would cause the electron to recoil and absorb energy, thereby causing the scattered photon to have a lower frequency than before the collision.

Answer: Compton effect or scattering

B. When a superconductor is cooled below the critical temperature in an external magnetic field, the magnetic-field lines are expelled from the superconductor, causing the field inside to be zero.

Answer: Meissner effect

C. The splitting of the energy levels in an atom gives rise to a splitting of the spectral lines of that atom when placed in an external magnetic field.

Answer: Zeeman effect

11. Identify the Jane Austen novel from characters, for 10 points each.

A. Lucy Steele, Colonel Brandon, Edward Ferrars

Answer: Sense and Sensibility

B. Thomas Bertram, "Aunt Norris," Mary Crawford

Answer: Mansfield Park

C. Harriet Smith, Jane Fairfax, Mr. Elton

Answer: Emma

12. Identify the Australian state given geographical regions or features for 10 points, or for 5 points if you need a major city.

A. For 10, Eurobodalla Coast, Sapphire Coast  
For 5, Sydney

Answer: New South Wales

B. For 10, the Redhill and Arkaroola regions of the Flinders Ranges and the Wilpena Pound  
For 5, Adelaide

Answer: South Australia

C. For 10, the Great Ocean Road, Yarra Valley, and the Macedon Ranges  
For 5, Melbourne

Answer: Victoria

13. Given the title of an aria, identify the opera in which it is sung, for 10 points each.

A. La Donna e Mobile

Answer: Rigoletto

B. Nessun Dorma

Answer: Turandot

C. Mi chiamano Mimi

Answer: La Bohème

14. 30-20-10. Name this demigod of Andrew's pantheon.

A. Born on 9 December, 1960 in London, this actor's production company is called Simian films.

B. In 1987, he won the Volpi Cup for Best actor in the film version of E.M. Forrester's "Maurice."

C. Unfortunately for the rest of the world, he refused to include a nude scene in the role for which he won the 1995 Best Actor in a comedy when the makeup artist for Four Weddings and a funeral asked if he would like have some definition painted on his body.

Answer: Hugh Grant

15. Identify the Supreme Court cases from a brief description, for 10 points each.

A. In this 1964 case, the plaintiff was arrested in connection with the fatal shooting of his

brother-in-law. He was not advised of his right to remain silent, and his lawyer was refused access to the plaintiff. Under duress, the plaintiff made a damaging statement to the District Attorney, which was used to gain his conviction.

Answer: Escobedo v. Illinois

B. This 1972 case argued that the imposition and carrying out of death penalty constitutes cruel and unusual punishment in violation of Eighth and Fourteenth Amendments.

Answer: Furman v. Georgia

C. This 1973 case concerned a man convicted of mailing unsolicited sexually explicit material in violation of a state statute. The Supreme Court decision rejected the definition of pornography as material "utterly without redeeming social value" in favor of a community standards definition.

Answer: Miller v. California

16. Identify the book of the Old Testament from quotes on a 15-5 basis.

A. For 15-"I am black but beautiful."  
For 5-"Let him kiss me with the kisses of his mouth: for thy love is better than wine."

Answer: Song of Solomon or Song of Songs

B. For 15-"Be not rash with thy mouth, and let not thine heart be hasty to utter any thing before God: for God is in heaven, and thou upon earth: therefore let thy words be few."  
For 5-"Vanity of vanities; all is vanity."

Answer: Ecclesiastes or the Preacher

17. Given works, identify the playwrights on a 10-5 basis.

A. For 10-Translations and Philadelphia Here I Come  
For 5-Dancing at Lughnasa

Answer: Brian Friel

B. For 10-The Homecoming and Party Time and the New World Order  
For 5-the Birthday Party

Answer: Harold Pinter

C. For 10-Madmen and Specialists and The Road  
For 5-Death and the King's Horsemen and The Lion and the Jewel

Answer: Wole Soyinka or Akinwande Oluwale Soyinka

18. Identify these enzyme families important in molecular biology, for 10 points each.

A. This type of enzyme disrupts the hydrogen bonds that hold the secondary structure of DNA together and unwinds the two strands ahead of the polymerase during DNA replication.

Answer: helicase

B. This is a general term for a family of enzymes that is responsible for degrading single-stranded pieces of DNA into reusable nucleotides.

Answer: DNase [dee-en-ayse]

C. This family of enzymes is responsible for both adding and removing supercoiling from the DNA double-helix.

Answer: topoisomerase

19. Identify the following female athletes, for the stated number of points.

A. For 5 points-she was the first woman to swim across the English Channel

Answer: Gertrude Ederle [ED-ur-lee]

B. For 15 points-she was the first woman to swim across the English Channel in both directions.

Answer: Florence Chadwick

C. For 10 points-she has won the Iditarod Sled Dog race four times.

Answer: Susan Butcher

20. Given an author and a trilogy they wrote, name the books for the stated number of points, all or nothing.

A. For 5 points-J. R. R. Tolkien's Lord of the Rings trilogy

Answer: The Fellowship of the Ring, The Two Towers, The Return of the King

B. For 10 points-John Dos Passos' U.S.A. trilogy

Answer: The 42nd Parallel, 1919, The Big Money

C. For 15 points-Frank Norris' unfinished Epic of Wheat trilogy

Answer: The Octopus, The Pit, The Wolf

21. 30-20-10. Identify the work of art.

A. Originally titled "The Philosophical Bordello," Andre Salmon gave it the name we know today. Salmon's title annoyed the artist, who felt it was too refined for what was depicted.

B. An enormously ambitious work for an artist in his mid-twenties, the artist felt he needed to do something monumental to keep up with Henri Matisse, who had been getting some favorable press. Originally the painting was to be based on Cezanne's bathers, but the artist decided to portray a rougher, more contemporary scene.

C. The painting is named for a street in Barcelona, a renowned red-light district, fitting from the frank, albeit startlingly cubist depiction of five Spanish prostitutes.

Answer: Les Demoiselles D'Avignon

22. There is a point on a short-run Phillips curve where joblessness and rises in the general price level are at equilibrium, neither one increasing or decreasing at the expense of the other. Economists call this point the NAIRU. For five points per word, with a five-point bonus if all correct, expand the acronym NAIRU.

Answer: Non-Accelerating Inflation Rate of Unemployment

23. Given the war, name the treaty that ended it, for the stated number of points.

A. For 5, the War of the Spanish Succession

Answer: Treaty of Utrecht

B. For 10, the War of the Austrian Succession

Answer: Aix-la-Chappelle

C. For 15, King William's War

Answer: Treaty of Ryswick

24. Identify the constellation in which each of the following stars can be found, for 5 points each with a bonus 5 for all correct.

A. Spica

Answer: Virgo or the Virgin

B. Altair

Answer: Aquila or the Eagle

C. Capella

Answer: Auriga or the Charioteer

D. Arcturus

Answer: Boötes or the Bear Driver

E. Bellatrix

Answer: Orion or the Great Hunter

25. Here's a bonus on South Park. But this isn't something silly like name the character or name the episode. Given the episode, tell me how Kenny died, five points each. (Moderator: accept reasonable equivalents.)

A. Weight Gain 4000

Answer: impaled on a flagpole

B. An Elephant Makes Love to a Pig

Answer: microwaved

C. Cartman's Father, Part One

Answer: run over by a train

D. Cartman's Father, Part Two

Answer: electrocuted

E. Halloween episode

Answer: Mir falls on him

F. Christmas episode

Answer: He doesn't die.