

**1997 Wisconsin Packet - University of Illinois
Tossups**

1. The sensorimotor, preoperational, concrete operational, and formal operational stages of cognitive development were proposed by this man, who studied many children, including his own infant to arrive at his theory of development. For ten points, name this psychologist, who also introduced the concept of schemas as the basic units of knowledge.

A. Jean Piaget

2. The director of this film was given the award for best direction at the Cannes Film Festival in 1996. This film, supposedly based on a true story, follows a car salesman's attempts to pay off his debts by having his wife kidnapped. For ten points, name this film, which stars William H. Macy, Steve Buscemi, and Frances McDormand, and was directed by Joel Coen.

A. Fargo

3. At the foot of the bed stands a black cat. Behind the bed stands a servant, who has brought in a bouquet of flowers. Lying down on the bed, propped up by a couple of large pillows, is a woman wearing a flower in her hair and naught else, looking insolently at the viewer. For ten points, identify this infamous 1863 painting by Edouard Manet.

A. Olympia

4. For an electric field, this quantity need not be zero; however, for a magnetic field this must be the case. For a fluid, if this quantity is zero the fluid is said to be incompressible. For ten points, name this quantity, often written 'del dot F'.

A. Divergence

5. This man spent the 1960's as one of major league baseball's best centerfielders, winning 7 Gold Gloves, playing in 3 All-Star Games and helping the St. Louis Cardinals to 3 National League pennants and 2 World Series championships. However, he is most remembered for challenging baseball's reserve clause, a challenge that led to free agency. FTP, name this man who passed away last month at the age of 59.

A. Curt Flood

6. He was born in 157 B.C. in Arpinum, a small town on the border of Latium. His first job was as a publicani, or tax collector, but he later joined the army and served with distinction under Scipio Aemilianus. He later received his own commands against Jugurtha of Numidia and the Germans. After 100 he receded from public life but contested Sulla for the command against Mithridates and was driven from the city. He returned in 86 to claim his seventh consulship but died soon after. FTP, name this uncle of Julius Caesar and the Third Founder of Rome.

A. Gaius Marius

7. Born near Vienna in 1797 to a local schoolmaster, he was taught by his father how to play the violin and by his brother how to play the piano. At the age of 11 he entered the choir of the Imperial Court and

was able to attend the prestigious City Seminary. His works were widely popular, but he was unable to find a well paying job. Despite this, he continued to compose until his death in 1828. FTP, name the Romantic composer of "Die schone Mullerin" and "Die Winterreise."

A. Franz Schubert

8. This man tried to connect music, astronomy, and geometry into a sort of celestial harmony in his Harmonice Mundi, and while trying to find out the volume of a barrel of wine he almost discovered calculus. For ten points, name this scientist, best known for discovering the three laws of planetary motion which now bear his name.

A. Johannes Kepler

9. Christopher Cross sings lead vocals on the song "So Far Away" on this musical group's latest effort, On Air. Comprised of Ian Bairnson, Stuart Elliot, John Giblin, Gary Sanctuary, Richard Cottle, and an eponymous keyboardist, this group is known for such albums as The Turn of a Friendly Card and Ammonia Avenue. For ten points, name this group which gained fame from songs such as "Don't Answer Me" and "Eye in the Sky", which of late has dropped "project" from its name.

A. Alan Parsons Project

10. This man, born David John Moore Cornwell in England in 1931, joined the British foreign service in West Germany in 1959. He soon turned his knowledge of international espionage into a successful writing career. His third novel, 1963's The Spy Who Came in from the Cold, established him as one of the top spy novelists in the world. FTP, name this man, who has also written Tinker, Tailor, Soldier, Spy and The Russia House.

A. John Le Carre

11. Formulated by General Winfield Scott at the beginning of the Civil War, it consisted of establishing a blockade of Southern ports, seizing the Mississippi River and waiting the South out. Unfortunately for Scott, it wasn't a very energetic plan and it was scrapped along with him. FTP, name this early strategy which, although disregarded, is an accurate description of how the North won the war.

A. Anaconda Plan

12. The son of an army musician, this man was born in Hanover but escaped to England after the French occupation of Hanover in 1757. In England, he worked as a music teacher before turning to astronomy. He spent much of the rest of his life studying star evolution and nebulaic structure. FTP, name this astronomer, most famous for discovering Uranus in 1781.

A: William Herschel

13. A daughter of Cronus and Rhea, her marriage to Zeus produced a daughter, Persephone. When Persephone was abducted by Hades, this goddess took human form and wandered the earth in sorrow until Zeus negotiated a compromise with Hades, allowing Persephone to spend two-thirds of the year with her mother. FTP, name this goddess, the Greek goddess of grain and the Earth's fertility.

A: Demeter

14. Last week this South African group, led by Archbishop Desmond Tutu, made their greatest strides yet in investigating Apartheid-era crimes when five former South African police officers confessed to beating anti-Apartheid activist Stephen Biko in 1977. FTP, name this group which is granting amnesty to former police officers accused of crimes during the Apartheid era.

A: the Truth Commission

15. Occasionally astatine and polonium are numbered among this group, though they lack the wide industrial applications of the other members of the group. Including tellurium, antimony, arsenic, boron, silicon, and germanium. For ten points, name this class of elements widely used for making semiconductors.

A. Metalloid_s or semimetal_s

16. This professor from Johns Hopkins University believed that the overt behavior of both humans and animals was psychology's best source of scientific information. He felt that "inferences" about both the conscious and unconscious was unscientific. In 1913 he published "Psychology as the Behaviorist Views It." His most famous claim is that, if given enough control over the environment, he could create experiences that would turn an infant into a doctor, lawyer or criminal. FTP, name this founder of Behaviorism.

A. John Watson

17. The parents of this family of five boys and two girls are former vaudeville performers. Each of the children has also performed, in a manner of speaking, by appearing on the radio program "It's a Wise Child." The five living children, are haunted by the memory of their eldest brother, who committed suicide while vacationing in Florida with his wife and children. FTP, give the last name of this family, consisting of Boo Boo, Les, Walt, Waker, Bessie, Franny, Buddy, Zooey, and Seymour, created by J. D. Salinger.

A. Glass

18. Orphaned as a child following the death of his parents at the Auschwitz concentration camp, this man directed several films in his native Czechoslovakia before fleeing to the United States during the Prague Spring of 1968. He is now one of only a handful of directors to have won two Academy Awards for Best Director. FTP, name this man, whose films include One Flew Over the Cuckoo's Nest, Amadeus, and, his most recent film, The People vs. Larry Flynt.

A. Milos Forman

19. Born in Skolce, Czechoslovakia, in 1941, this man made his National Hockey League debut in 1959. He went on to play 22 seasons in the NHL, all with the Chicago Blackhawks, and retired in 1980 with 541 career goals and two Most Valuable Player awards. FTP, name this man, the namesake of the doughnut shop frequented by Wayne and Garth in "Wayne's World".

A. Stan Mikita

20. During his short reign from 1483 to 1485, he initiated major reforms in government, including support for legislation providing for the importation of books, expanding the rights of commoners, curbing jury intimidation and starting the system of bail. Despite this, he is more commonly known as the ruthless man who murdered his two nephews to obtain the throne. FTP, name this king, last of the York line, who lost his life to Henry Tudor's army on Bosworth Field.

A. Richard III

21. Hearing this band's eclectic mix of rockabilly, blues, and screaming guitars, you would probably think they hailed from the Deep South. In fact, the band was formed in San Francisco in the mid 1960's, at the height of psychedelic rock. Fronted by John Fogerty, they recorded nine Top 10 singles between 1969 and 1971. FTP, name this band, whose most famous songs include "Proud Mary", "Down On the Corner", and "Bad Moon Rising".

A. Creedence Clearwater Revival or CCR

22. His birth in 1167 A.D. was far from spectacular. His family was abandoned by his tribe after his father's death and his survival was in doubt. However, his military exploits allowed him to dominate the tribes and eventually rule an empire larger than Alexander's. His reign saw the establishment of an extensive legal system, a written language and an extensive horse and rider system of communication, all of which helped his empire survive his death in 1227. FTP, name this man who in 1206 dropped his given name of Temujin and took a title meaning "universal ruler."

Genghis Khan

23. After graduating from Harvard at age 18 in 1821, this man spent several years as a Unitarian minister before hitting the lecture circuit full time. He made speeches all over New England, railing against slavery and American belligerence against Mexico. However, he is best remembered for his published works. FTP, name this man, who wrote such transcendentalist essays as "Circles", "Nature", and "Self-Reliance".

A: Ralph Waldo Emerson

24. Part of the innate immune system, the immature forms of these cells which travel through the circulatory system are called monocytes. They mature when they enter the surrounding tissues, where they consume apoptotic cells and foreign invaders. FTP, give the name of these cells whose name comes from the Greek for "big eater."

A. Macrophage

25. The Browns were not the first NFL team to break Cleveland's heart by moving away. After winning the 1950 NFL championship, this team moved to Los Angeles the next season, where they won one championship in the next 49 years. FTP, name this team which moved again, this time to St. Louis, prior to the 1995 season.

A. The St. Louis Rams

26. Born Jerome Von Aeken, this late 15th century Flemish artist was known for painting apocalyptic scenes of chaos and nightmare juxtaposed with idyllic portrayals of mankind in the age of innocence. His style

made him unique among all of his contemporaries. FTP, name this man, whose works include "The Seven Deadly Sins", and "The Temptation of St. Anthony."

A. Hieronymus Bosch

27. This book follows an amorous French nobleman through a variety of adventures, including his attempted seduction of Amena and Melliora in parts One and Two. At the same time, meanwhile, he courts and marries Alovysa for her money. After Alovysa's comical death by impalement upon a sword, the nobleman moves to Italy in pursuit of Melliora, but instead finds himself tangled in a new web of romantic intrigue with such characters as Violetta, finally marrying Melliora at the book's end. FTP, name this scandalous 18th Century novel, featuring the Count D'Elmont, written by Eliza Haywood.

A. Love in Excess

28. This song was written by a black man in 1875 and is about a freed slave's desire to return to the plantation. It's the state song of Virginia but on January 28, 1997 the Virginia Senate voted to retire it because of racist lyrics. FTP, give the name of this song, that contains such references as "old massa" and "darkeys."

A. Carry Me Back to Old Virginia

29. Although he graduated from Yale with a degree in history in 1991, this actor joined the New York Signature Theater Company in 1994, before getting his first feature film role in 1996, that of a young boy accused of murdering an archbishop in Primal Fear. For ten points, name this promising young actor, most recently seen in Everyone Says I Love You and The People vs. Larry Flynt.

A. Edward Norton

**1997 Elvis Invitational Questions by Illinois
Bonuses**

All bonuses are for 30 points unless otherwise noted.

1. Identify the following particles as gauge bosons, mesons, baryons, or leptons for five points each.

A. pion

A: _meson_

B. photon

A: _gauge boson_

C. neutron

A: _baryon_

D. neutrino

A: _lepton_

E. electron

A: _lepton_

F. muon

A: _lepton_

2. And now, for an obligatory Elvis bonus, so to speak. For five points each, given a lyric from an Elvis Costello song, name the song.

a. "Is it all in that pretty little head of yours?/
What goes on in that place in the dark?"

A. _Veronica_

b. "He used to be your victim/ Now you're not the only one"

A. _Accidents Will Happen_

c. "Oh it's so funny to be seeing you after so long, girl./
And with the way you look I understand/
that you are not impressed."

A. _Alison_

d. "She's filing her nails while they're dragging the lake."

A. _Watching the Detectives_

e. "Down in the pleasure centre,/ hell bent or heaven sent,/
listen to the propaganda,/ listen to the latest slander.
There's nothing underhand/ that she wouldn't understand."

A. _Pump it Up_

f. "Well you know your time has come and you're sorry for what you've done/
You should've never have been playing with a gun/
In those..."

A. _Complicated Shadows_

3. For ten points each, give the state in which the following national parks are located.

A. Denali National Park

A. _Alaska_

B. Big Bend National Park

A. _Texas_

C. Kings Canyon National Park

A. California

4. Name each of the following Chief Justices of the United States for ten points each, given a famous case decided while holding the post. If you need a more famous case, you'll receive five points instead.

a. 10: Charles River Bridge v. Warren Bridge

5: Dred Scott v. Sanford

A. Roger Taney

b. 10: Reynolds v. Sims

5: Miranda v. Arizona

A. Earl Warren

~~c. 10: Muller v. Oregon~~

~~5: Plessy v. Ferguson~~

~~A. John Marshall Harlan~~

5. For ten points each, name the composer, given some of the films for which he composed the original score.

A. Star Wars, Raiders of the Lost Ark, Schindler's List

A. John Williams

B. Citizen Kane, Psycho, North by Northwest

A. Bernard Herrmann

C. La Dolce Vita, Amarcord, The Godfather

A. Nino Rota

6. Given couplets from a poem and finally its author, identify it on a 30-20-10-5 basis.

30: "The skillful nymph reviews her force with care,
'Let Spades be trumps!' she said, and trumps they were."

20: "To fifty chosen Sylphs, of special note,
We trust the important charge, the petticoat;"

10: "What dire offense from amorous causes springs,
What mighty contests rise from trivial things,"

5: Alexander Pope

A. "The Rape of the Lock"

7. Given the works, name the author, 10 points for the first clue, 5 for the second clue.

a: 10: The Soft Machine; Nova Express

5: Naked Lunch

A: William Burroughs

b: 10: The Grass Harp; Other Voices, Other Rooms
5: Breakfast at Tiffany's

A: Truman Capote

c: 10: God Bless You Mr. Rosewater; Jailbird
5: Cat's Cradle

A: Kurt Vonnegut, Jr.

8. Given a biblical quote, give the book of the Bible it comes from, 10 points each.

a: "In everything, do to others what you would have them do to you."
A: Matthew

b: "The love of money is a root of all kinds of evil."
A: 1 Timothy

c: "For God so loved the world that He gave his only begotten Son, that whoever believes in Him should not perish but have everlasting life."
A: John

9. 30-20-10-5, name the thinker.

30: The son of a tax official in Napoleonic France, he became an early acquaintance of Henri de Saint-Simon, one of the founders of socialism.

20: After breaking with Saint-Simon, he worked as a tutor and examiner at Ecole Polytechnique in the 1830's.

10: He wrote his magnum opus, Cours de philosophie positive, or the Course of Positive Philosophy, between 1830 and 1842.

5: He is generally regarded as the father of sociology.

A. Auguste Comte

10. Given a brief description, give the labor of Heracles, 10 points each.

a: For his second labor, Heracles had to destroy this poisonous, 9-headed snake, which had one head that was immortal.

A: Lernean Hydra

b: For his seventh labor, Heracles had to tame this animal, the father of the Minotaur, and bring him back to Greece.

A: bull of Crete

c: For his twelfth and final labor, Heracles had to bring this three-headed dog, guardian of the Land of the Dead, to the gates of Mycenae.

A: Cerberus

11. For ten points apiece, given a description of a World War II battle which

took place in the Pacific, name it.

a. Two U.S. Marine divisions landed here late in February of 1945 in an amphibious landing which met stiff resistance. The most pitched battles were for Meatgrinder Hill and Mount Suribachi.

A. Iwo Jima

b. Lieutenant General Jonathan Wainwright held off forces here for almost a month until May 6, 1942, when he was forced to surrender the island. The island was not retaken by the U.S. until 1945.

A. Corregidor

c. The largest of the Ryukyu Islands, U.S. troops made an amphibious landing here in April 1945, fighting a three-month-long campaign with roughly 48,000 dead and wounded, compared to roughly 100,000 dead for the Japanese. In 1972 this island was returned to Japan.

A. Okinawa

12. Given a novel from the latest New York Times Hardback Fiction bestseller list (for the week ending February 1, 1997), give the author, 5 points each.

A. Alias Grace

A. Margaret Atwood

B. Executive Orders *Order's*

A: Tom Clancy

C. Airframe

A: Michael Crichton

D. Blood and Honor

A: W.E.B. Griffin

E. Silent Honor

A: Danielle Steel

F. Laws of our Fathers

A: Scott Turow

13. Given a brief description, name the current world leader for 10 points each.

a: She has been the President of Ireland since 1990.

A: Mary Robinson

b: Africa's first female head of state, she has been the Chairman of the Council of State of Liberia since September 3, 1996.

A: Ruth Perry

c: Queen of the Netherlands since 1980, she is the granddaughter of Queen Wilhelmina, who ruled the Netherlands from 1890 to 1948.

A: Beatrix

14. Name the composers of the following works for 5 points each.

a: "Montagues and Capulets"

A: Sergei Prokofiev

b: "1812 Overture"

A: Peter Ilyich _Tchaikovsky_

c: "Ride of the Valkyries"

A: Richard _Wagner_

d: "Thus Spake Zarathustra"

A: _Richard Strauss_

15. Identify these questions on the spectral line series of hydrogen for the stated number of points.

a. This Swiss mathematician discovered in 1885 the formula for expressing the wavelengths of visible hydrogen lines; the spectral line series bearing his name is in the visible light range. For ten points, name him.

A. Johann _Balmer_

b. In the formula that Balmer discovered, a constant appears which is named for a Swedish physicist. For hydrogen, it has a value of roughly 110,000 reciprocal centimeters. For five points, name this constant, normally called R.

A. _Rydberg_ constant

c. For a final fifteen points, four other spectral line series for hydrogen have been found. Name any three of the scientists who discovered these series which bear their names for five points each.

A. Theodore _Lyman_, A.H. _Pfund_, F.S. _Brackett_, and Friedrich _Paschen_.

16. For ten points each, identify the movie, given a famous quote from it.

A. "Hey, I'm walkin' here!"

A. _Midnight Cowboy_

B. "I won't play the sap for you."

A. _The Maltese Falcon_

C. "I'm mad as hell, and I'm not going to take it anymore!"

A. _Network_

17. For five points each, name the Spanish artist of each of the following paintings.

a. _Las Meninas_

A. Diego _Velazquez_

b. _Burial of Count Orgaz_

A. _El Greco_ or Domenikos _Theotokopoulos_

c. _Still Life with Lemons, Oranges, and a Rose_

A. Francisco de _Zurbaran_

d. _The Surrender of Breda_

A. Diego _Velazquez_

e. _The Two Trinities_

A. Bartolome _Murillo_

f. The Clothed Maja
A. Francisco de Goya

18. Get your pencil and paper ready for this physics bonus. A student finds that she can only see the blackboard clearly by sitting four meters away from it. One day she puts on some glasses and finds that she can sit twelve meters away and still focus on the blackboard. Answer the following questions for ten points each.

A. Are the glasses made of converging or diverging lenses?

A. diverging

B. What is the magnitude of the focal length of the lenses?

A. four meters

C. What is the magnitude of the power of these lenses?

A. one-fourth diopters (or meters⁻¹)

19. Given the insignia, give the corresponding rank in the U.S. Navy for ten points each.

1. Three stars

Vice Admiral

2. Gold Oak Leaf

Lieutenant Commander

3. Two connected silver bars (railroad tracks)

Lieutenant (Senior)

20. Given a year and the film, name the man who won the Oscar for Best Director, for 5 points each.

a: 1954, On the Waterfront

A: Elia Kazan

b: 1962, Lawrence of Arabia

A: David Lean

c: 1967, The Graduate

A: Mike Nichols

d: 1974, The Godfather, Part II

A: Francis Ford Coppola

e: 1977, Annie Hall

A: Woody Allen

f: 1992, Unforgiven

A: Clint Eastwood

21. Given a year and the person's home country, name the man who won the Nobel Prize in Literature that year, 5 points each.

a: 1925, Ireland

A: George Bernard Shaw

b: 1982, Colombia

A: Gabriel Garcia Marquez

d: 1949, United States
A: William Faulkner

e: 1970, Soviet Union
A: Alexander Solzhenitsyn

f: 1929, Germany
A: Thomas Mann

22. Identify the following characters from Marlowe's Tamburlaine The Great, Part I from a brief description FTP each.

A. This king of Persia is betrayed by his brother Cosroe, who aids Tamburlaine in conquering the kingdom and is himself betrayed by Tamburlaine.
A. Mycetes

B. This emperor of northern Africa meets a grisly end, dashing his own brains out on the cage inside which Tamburlaine has been keeping him as a showpiece.
A. Bajazeth

C. Her change from Tamburlaine's unwilling, defiant bride into his steadfast, loving wife is one of Marlowe's most puzzling character shifts.
A. Zenocrate

23. Given a painting, name the artist, 5 points each.

a: "The Gulf Stream"
A: Winslow Homer

b: "Syndics of the Drapers' Guild"
A: Rembrandt Harmenszoon van Rijn

c: "The Persistence of Memory"
A: Salvador Dali

d: "The Old Guitarist"
A: Pablo Picasso

e: "Mrs. Richard Brinsley Sheridan"
A: Thomas Gainsborough

f: "Triple Self Portrait"
A: Norman Rockwell

24. Given a year and the person's home country, name the man who won the Nobel Peace Prize that year, 5 points each.

a: 1961, Sweden
A: Dag Hammarskjold

b: 1950, United States
A: Ralph Bunche

c: 1990, Soviet Union
A: Mikhail Gorbachev

d: 1971, West Germany

A: Willy _Brandt_

e: 1957, Canada

A: Lester _Pearson_

f: 1983, Poland

A: Lech _Walesa_

25. Given a year and that year's World Series champion name the manager for ten points each.

a: 1970, Baltimore Orioles

A: Earl _Weaver_

b: 1977, New York Yankees

A: Billy _Martin_

c: 1982, St. Louis Cardinals

A: Whitey _Herzog_

26. Given a Super Bowl and the team he played for, name the Super Bowl MVP, 5 points each.

a: SB III, New York Jets

A: Joe _Namath_

b: SB XVIII, Los Angeles Raiders

A: Marcus _Allen_

c: SB XXIII, San Francisco 49ers

A: Jerry _Rice_

d: SB XXV, New York Giants

A: Otis _Anderson_

e: SB XXVII, Dallas Cowboys

A: Troy _Aikman_

f: SB XXXI, Green Bay Packers

A: Desmond _Howard_

27. Given a year and the person's home country, name the man who won the Nobel Prize in Physics that year, 5 points each.

a: 1922, Denmark

A: Niels _Bohr_

b: 1969, United States

A: Murray _Gell-Mann_

c: 1901, Germany

A: Wilhelm _Roentgen_

d: 1938, Italy

A: Enrico _Fermi_

e: 1935, England

A: James _Chadwick_

f: 1921, Germany
A: Albert Einstein