

Elvis tournament packet submission for ISU A team.

TOSS-UPS -Iowa State University At Home

1. They contain only alpha granules, dense granules and lysosomes. They are produced by megakaryocytes, or large bone marrow cells, and circulate in the blood, inactive, for about ten days. FTP, name these tiny cells that form blood clots at the source of a vessel break.

PLATELETS

2. David Cross, in the Seventies version of King Crimson. Ben Mink, electric on "Losing It" from Rush's *Signals*. Warren Ellis, acoustic with electric guitar pickup for the Dirty Three and plain acoustic for Nick Cave's Bad Seeds. Jean-Luc Ponty with his Experience, and on Zappa's Seventies albums. Boyd Tinsley for the Dave Matthews Band. FTP, these artists all play which instrument, which Paganini is famed for playing, and Stradivarius for making?

VIOLIN

3. As first secretary of the Ukrainian Communist Party he carried out Stalin's plan to purge its ranks. Upon becoming a full member of the Politburo he became a close associate of Stalin, but in 1956 he issued a "secret" report denouncing Stalin's personality and politics, signalling the acceleration of destalinization. He later replaced Bulganin as premier. FTP, name this former Soviet premier, famous for banging his shoe on the podium at the UN and shouting "We will bury you!"

Nikita Sergeyevich KRUSHCHEV

4. The three works preceding it had marked a return to absolute music, but were met with a lack of understanding, and even outright rejection, by critics. This led this symphony's composer to seek the "interpretational help" of the written word, in the form of an early Pentecostal hymn, "Veni, creator spiritus," and the "Anchorites' Scene" from Goethe's *Faust Part II*. FTP, identify this Gustav Mahler composition, which received its nickname as a result of a concert agent's promotional efforts.

Symphony No. 8, or SYMPHONY OF A THOUSAND

5. His first book, *Hear the Wind Sing*, introduced Boku and the Rat, recurring characters in several of his books. Extremely popular in his native Japan, teenage girls began choosing their outfits to match which volume of his *Norwegian Wood* they carried. FTP, identify this contemporary Japanese author whose *The Wind-Up Bird Chronicle* has recently been translated into English.

Haruki MURAKAMI

6. All of them are descended from Louis IX of France, making them a branch of the Capetian family. Their advantageous marriages made them, at various times, the rulers of Etruria, Lucca, the Two Sicilies, Parma, and Naples. Their best-known ruler was perhaps Louis XIV of France, who built the palace of Versailles. FTP, name this ruling family, best known as past rulers of France and current rulers of Spain.

House of BOURBON or BORBON

7. His main platform for his mayoral campaign is reduction of greenhouse gases, despite the city's massive debt and failing schools. He has a history of being 'idiosyncratic,' however, so this is not out of the ordinary. Mike Royko called him 'Governor Moonbeam' for, among other things, suggesting that California launch its own satellite. FTP, name this Oakland, CA mayoral candidate, a previous California governor and presidential candidate.

Jerry BROWN

8. His works were widely interpreted during the Middle Ages as Christian allegories owing to his fourth eclogue which was believed to prophesy the birth of Christ. Born near Mantua in 70 B.C., his love of the Italian countryside surfaced in *The Georgics*. FTP, identify this Roman poet and guide of Dante.

Publius VERGILUS Maro or VIRGIL

9. Blown up in a microwave, decapitated on a football field, hit by the Mir space station, run over by Officer Barbrady, killed by turkeys and was impaled on a flagpole after being shot by Mr. Garrison. These are all fates that befell FTP, which poor character with his hood concealing his face who dies in every episode of Comedy Central's hit cartoon series South Park?

KENNY

10. Vardaman thinks that his mother is a fish. Cash believes strongly in making it on the bevel, for approximately twelve reasons. Anse believes himself to be chosen by the Lord - he must be, he's suffered enough. At least he's gettin' them teeth, though. They'll be a comfort. Darl is practically omniscient, for he knows that Dewey Dell is pregnant, and that Jewel is only his half-brother. The character referred to in the title finally gets her turn to speak around one hundred and sixty pages in. FTP, name this William Faulkner novel, about the Bundren family's quest to bury their matriarch Addie.

AS I LAY DYING

11. Divided into North and South Units by Ross Lake National Recreation Area, this national park is arguably the least accessible in the Lower 48. Only Michigan's Isle Royale National Park can compare. The only way to enter the park is via trail, or via a ferry ride the 55-mile length of Lake Chelan, followed by a shuttle bus down a 25-mile gravel road which extends 4 miles into the park. FTP, name this national park, whose northern edge forms part of the US's border with British Columbia.

NORTH CASCADES National Park

12. This genetic condition is frequently lethal in mammals. It includes a variety of unusual combinations of sex genes. Persons with XXY, XXX, and XO are the most common survivors. The autosomal condition most often exemplified in humans is trisomy-21, or Down syndrome. FTP, identify this condition, which can occur in states ranging from the complete loss of a chromosome to the addition of an extra chromosome set.

ANEUPLOIDY

13. This Japanese city was originally near the top of the list of potential atomic bomb targets, but was removed by Gen. Leslie Groves because of his admiration for Japanese history and culture. It was one of the few cities in Japan not destroyed in the war for this reason as well. FTP, name this former capital of Japan, located on the island of Honshu.

KYOTO

14. Their first coach was Punch Imlach, which is ironic since his former team, the Toronto Maple Leafs, strongly opposed their entering the league. In 1975 the famed "French Connection" line comprised of Rene Robert ("ro-BEAR"), Rick Martin and Gil Perreault led them to the Stanley Cup Finals, where they lost to Philadelphia in six games. They have not been back since, despite stellar play recently from star goalie Dominik Hasek. FTP, name this National Hockey League team.

BUFFALO or SABRES

15. It is commonly accepted that forty gallons of the watery precursor must be evaporated to make one gallon of the finished product, making it a rather expensive alternative to standard toppings. It was used as a sweetener by American Indians and early pioneers, who made it into sugar and candy as well as this form more common today. FTP, name this sugary topping, made from the sap of the tree Acer Saccharum.

MAPLE SYRUP

16. Occurring roughly in the hundred years following Chaucer's death, it marked the beginning of the transition from Middle English to Early Modern English. FTP, identify this linguistic event in which the long vowels of Middle English became diphthongized and moved forward.

the GREAT VOWEL SHIFT

17. This work was being taught as an ideal example of Confucianism by the second century B.C., about 200 years after it was written. It was seen as a classic when it was published as one of the 'Four Books' of Confucianism in

1190. FTP, name this definitive work of Confucian philosophy and government, or its ancient Chinese author of the same name.

MENCIUS or MENGZI or MENG-TZU

18. In keeping with his profession's stereotypes, he loves his computer and gadgets above all else, has almost no social skills, and dresses like a geek, asking his sidekick which tie goes best with the marinara stained shirt. His cynical view of corporate cubicle life has made his creator one of the most popular cartoonists around. FTP, name this social icon and engineering geek who, with his colleagues Wally and Alice, graces offices nationwide.

DILBERT

19. Late in life, he was interested in photochemistry and made the suggestion that led to the discovery of the triplet state by Calvin and Kasha. His greatest contributions were in the field of chemical thermodynamics, where he expanded upon the work of J. W. Gibbs and, in the process, invented fugacity, activity and partial molar quantities. He is probably best-known, however, for his definition of acids and bases and those dreaded eponymous dot structures. FTP, name this chemist who died in the laboratory while conducting an experiment.

Gilbert N. LEWIS

20. Its name refers to the cult of the virgin which was originally associated with it. The frieze shows the annual procession of citizens honoring Athena, and the pediment groups display scenes from her life. FTP, identify this multifaceted building used as a temple, church, mosque, and powder keg.

the PARTHENON [from Athena Parthenos--"Athena the Virgin"] (Do not accept _Acropolis_)

21. He was a member of the famed "Dirty Thirty" football squad at Iowa State in 1959, but was less famous as a player than he is as a coach. He has held the head coaching position at Arizona State, and the Sun Devils' victory over Michigan in the 1987 Rose Bowl was instrumental in landing him his current job. However, he has had considerably less success against the Wolverines since then, including a 20-14 defeat this past season. FTP, name the head football coach at Ohio State.

John COOPER

22. Men and women were listed first, followed by the count of domestic animals. Cloth, the most valuable good according to Andean reasoning, came next. New items from the Spaniards were given their own cords, so Spanish and Incan sandals had different entries. FTP, identify this recording system of the Incas which used knotted strings.

QUIPU

23. It contains numerous prophecies against Gentile nations and well-known Messianic passages in chapters 14, 23, 30 and 32. Its namesake was allowed to stay in Jerusalem after its fall to the Babylonians and later prophesied in Egypt. FTP, name this 24th book of the Old Testament that was arranged by the author's secretary, Baruch.

JEREMIAH

24. Its travelers crossed the Kansas and Big Blue Rivers before following the Platte to Wyoming. They then followed the Sweetwater River to the South Pass, where they traveled to either Fort Bridger or Sublette's Cutoff. From there, they travelled along and across the Snake River and Blue Ridge Mountains to the Dalles, where they could raft down the Columbia River or take the Barlow Toll Road to their destination. FTP, name the famous trail I have just outlined.

OREGON Trail

25. This Pacific Island religious movement encourages tribal members to wait in tiny huts with homemade 'radio headphones' and make runways nearby in the belief that their ancestors will return in goods-laden airplanes. Their imitation of technology without knowledge of the science that makes it work is sometimes used as an example of the clash of primitive and technological societies. FTP, name this type of religious group, present in Melanesia since air bases were located there in World War II.

CARGO CULT

26. Originally an electrical engineering student at Bristol University, he found gaining employment difficult and switched to mathematics. During the late 1920s, he worked out equations that indicated that an electron could have two energy states: one positive, one negative. FTP, identify this co-winner of the 1933 Nobel Prize in physics with Schroedinger, who first postulated the existence of the positron.

Paul DIRAC

BONI

1. Given a cape, name the country where it is located, FTP each.

A. Cape Horn

CHILE

B. Cape of Good Hope

SOUTH AFRICA

C. Cape Hatteras

UNITED STATES of America

2. Answer the following about college basketball's National Invitational Tournament (NIT) FTP each.

A. Who won the title last year (1997)? They defeated Florida State in the final game.

University of MICHIGAN

B. In 1950 the same team won both the NIT title and the NCAA tournament. Name it.

_C_ity _C_ollege of _N_ew _Y_ork

C. Which is the only team to repeat as NIT champions, doing so in 1943 and 1944? They recently changed their nickname from the Redmen to the Red Storm.

ST. JOHN'S University (the one in New York)

3. Identify the term from science fiction literature FTP each.

A. Originally devised by Alfred Hitchcock, it is an object whose existence or rumor thereof fuels the plot, but which in the end has no intrinsic value.

MCGUFFIN or MACGUFFIN

B. Often taking the London of the works of Charles Dickens' as a starting point, this subgenre portrays a polluted, piston-driven dystopia. The Difference Engine is one example.

STEAMPUNK

C. Coined by Bruce Sterling, it is nautical in nature: genre sci-fi has created a wake strong enough to give mainstream authors, such as Doris Lessing, a free ride in the field.

SLIPSTREAM

4. Identify the following tree parts given a description FTPE.

A. This tissue develops in columns and, as it ages, supports the tree as well as providing a conducting structure for food throughout.

PHLOEM

B. This structure develops around the living xylem and phloem. It forms the wood and bark of the tree and so is the lateral growth sector of the tree.

CAMBIUM

C. These points are located at the termini of all of the growing sectors of a tree, and their expansion and cell division is the actual source of tree growth.

apical MERISTEMS

5. Answer these questions about the early Renaissance Catholic Church.

A. The papal bull Unam sanctum, in which the pope stated that secular as well as spiritual authority rested in his hands, caused the king of France to come down and take him prisoner, starting the Babylonian captivity. FTP each, identify the pope and the king of France.

BONIFACE VIII and PHILIP IV

B. Seventy three years after the Babylonian captivity began, the pressure was on to elect an Italian pope. The newly elected Italian pope immediately attacked the cardinals, who in return elected a second French pope. FTP, name either of the two popes whose election began the Great Schism.

URBAN V or CLEMENT VII

6. Identify the painter from a description of a painting FTP. If you need the title of the painting, you'll receive 5.

10. A block of orange, a line of yellow, and another block of orange all on an orange background.

5. Orange Yellow Orange

Mark ROTHKO

10. Three shrinking American flags on top of each other.

5. Three Flags

Jasper JOHNS

10. The composition consists of a block of each of the colors red, blue, and yellow, as well as parallel black lines.

5. Composition with Red, Blue, and Yellow

Piet MONDRIAN

7. Answer the following about the Philippines for the stated number of points.

A. For five points each, name its capital and the island on which it is located.

MANILA, LUZON

B. FTP, name the dominant religion.

CHRISTIANITY (accept: Roman CATHOLICISM)

C. FTP, name the sea defined by the Filipino islands of Palawan, Panay and Mindanao and by Borneo on the southwest. This shouldn't be a problem for Trekkies.

SULU Sea

8. Identify the band given a song title, FTP each.

A. Superman's Song

CRASH TEST DUMMIES

B. Superman's Dead

OUR LADY PEACE

C. Superman's Ghost

Don MCLEAN

9. The county of Greater London is bordered by five other counties. FTP each, name any three of them.

BUCKINGHAMSHIRE, ESSEX, HERTFORDSHIRE, KENT, SURREY

10. Identify the following famous documents from quotations, FTPE.

A. No free man shall be arrested or imprisoned or outlawed or exiled or in any way victimised, neither will we attack him or send anyone to attack him, except by the lawful judgment of his peers or by the law of the land.

MAGNA CHARTA

B. ...And [we] for these ends to practice tolerance and live together in peace with one another as good neighbors and to unite our strength to maintain international peace and security and to ensure, by the acceptance of principles and the institution of of methods that armed force shall not be used...have resolved to combine our efforts to accomplish these aims.

_U_nited_N_ations CHARTER

C. But when a long train of abuses and usurpations, pursuing invariably the same object, evinces a design to reduce them under absolute despotism, it is their right, it is their duty to throw off such government, and to provide new guards for their future security.

U.S. _DECLARATION OF INDEPENDENCE_

11. Identify these properties of the number pi FTP each.

A. Johann Heinrich Lambert was the first to show that pi has this property. It means that pi cannot be expressed as the quotient of two integers. The natural exponential base and the square root of two share this property.

IRRATIONALITY (pi is IRRATIONAL)

B. Carl Louis Ferdinand von Lindemann is famed for his proof that pi has this property. It means that pi cannot be the root of any algebraic equation with rational coefficients.

TRANSCENDENTALITY (pi is TRANSCENDENTAL)

C. Pi may or not have this property - no one has yet determined a way to check, since it requires knowledge of its (infinitely many) digits. A number has this property if in its representation in every base, all digits occur, in an asymptotic sense, equally often.

NORMALITY (pi may or may not be NORMAL)

12. Identify the following battles of ancient Greek history given a brief description FTPE.

A. The Greeks, led by the Athenian Themistocles, defeated a superior Persian force in this narrow strait in a decisive battle of the Persian Wars in 480 B.C. The location was picked by Themistocles, who had to trick his own allies as well as the Persians to fighting in the channel.

Straits of SALAMIS

B. The Peloponnesian War was nearing peace in 415 B.C. when the Athenian Alcibiades convinced his people to launch a massive expedition against this large Sicilian city, a Spartan ally. He was called back to Athens before the battle, however, and so the Athenians were lacking leadership and were soundly defeated.

SYRACUSE

C. A force of 300 Spartan hoplites and their allies held off the Persian army at this mountain pass for several days before being betrayed by a local Greek who showed the Persians a route through the mountains behind the Spartan defenders.

THERMOPYLAE

13. How much do you remember about this past college football season's bowl games? For five points apiece and a five point bonus for all correct, given the name of a bowl game from this past season and the losing team, you name the winner.

- | | |
|--------------------------------|--------------------------------|
| A. Rose Bowl, Washington State | University of MICHIGAN |
| B. Orange Bowl, Tennessee | University of NEBRASKA Lincoln |
| C. Fiesta Bowl, Syracuse | KANSAS STATE University |
| D. Gator Bowl, Wisconsin | University of GEORGIA |
| E. Motor City Bowl, Marshall | University of MISSISSIPPI |
- accept: OLE MISS

14. Given the title of a work of anthropology, identify the author FTP apiece.

A. Growing Up in New Guinea

Margaret MEAD

B. Mules and Men

Zora Neale HURSTON

15. He denounced terrorism and cited Plymouth Rock as a symbol of freedom.

A. First, FTP, name this president of Iran who stated in a recent interview that he wished to break down the "wall of mistrust" between Iran and the U.S.

Mohammed KHATAMI

B. The supreme leader of Iran, he has final authority and could hinder or halt Khatami's attempts at dialogue. FTP, name him.

Ayatollah Ali KHAMEMI

C. For a final 10 pts., identify the CNN correspondent who interviewed Khatami, who herself is in the news for her engagement to State Department spokesman James Rubin.

Christiane AMANPOUR

16. For five points apiece and a five-point bonus for all correct, given the name of a state, name the only President of the U.S. buried within its borders.

- A. Illinois Abraham LINCOLN
- B. California Richard Milhous NIXON
- C. Texas _L_yndon Baines JOHNSON (accept: LBJ)
- D. Vermont Calvin COOLIDGE
- E. Indiana _B_enjamin HARRISON

17. Answer the following about the 20th-century composer Hector Villa-Lobos for the stated number of points.

A. For five points, which Latin American nation did he call home?

Federative Republic of BRAZIL or Republica Federativa do BRASIL

B. Villa-Lobos was not only a composer, but a musician as well. He specialized in two instruments. For five points each, name them. Both are stringed instruments; one is a member of the violin family.

GUITAR and CELLO (or VIOLINCELLO)

C. For fifteen points, what musical form is he best known for creating? It combined elements of the High Baroque and Brazilian folk music in a clearly Romantic package. The most famous is #5, scored for eight cellos and a soprano.

BACHIANAS BRASILIERAS

(Note: named for J.S. Bach and Brazil)

18. Identify these films with similar themes FTP each.

A. Employee of the state Winston Smith falls in love with Julia, and is subsequently punished by brainwashing. _1984_

B. Sam Lowry is a harried technocrat in a futuristic society that is needlessly convoluted and inefficient. He dreams of a life where he can fly away from his problems, and spend eternity with the woman of his dreams. Lowry runs into trouble while trying to correct the wrongful arrest of Harry Buttle.

BRAZIL

C. It features Bob Geldof as a rock star on the verge of a nervous implosion, the result of his self-imposed mental and emotional separation from the world.

The WALL or PINK FLOYD'S THE WALL

19. Name the following Old Testament women FTP each.

A. She was a prostitute in the city of Jericho who hid two Hebrew spies on the roof of her house along the city wall. For her kindness, her house and family were spared when the city and its walls were destroyed.

RAHAB

B. She was a prophetess and leader of Israel before the time of the kings. She was an advisor to the military leader, Barak, in battle against the Canaanites. The story of the battle is recounted in both prose and poetry in the book of Judges.

DEBORAH

C. She moved from Israel to Moab with her husband and sons during a famine in Israel. Her sons married there, and both husband and sons died there. The story of her return home with one of her daughters-in-law and the marriage of the daughter-in-law is told in the book of Ruth.

NAOMI or ORPAH

20. Identify the following British royal castles given a description.

A. This is the newest and most rural royal castle, and is consequently used for private retreats and hunting trips. It was built in Aberdeenshire on the Dee River by Prince Albert, who actually bought the land, rather than simply appropriating it for the crown.

BALMORAL

B. It originally belonged to the Archbishop of York, but was taken by Henry VIII upon the fall of Archbishop

Wolsey. Charles I was beheaded here. Historically, it contained much of the royal administration, causing the name to become a euphemism for government bureaucracy. Only the banquet hall of the original castle remains today.

WHITEHALL

C. Called an 'architect's disgrace,' this palace has been partially burned and rebuilt more than once and has been added onto in several different architectural styles. It was originally a rural royal retreat, though it is now in an urban area. It includes St. George's Chapel, one of the most splendid churches in England..

WINDSOR

21. Answer the following about the Compromise of 1850 for the stated number of points.

A. FTP, it was largely the result of which proposed amendment to an appropriation bill that failed in the Senate and never became law? It would have outlawed slavery in territories acquired in the Mexican War.

WILMOT Proviso

B. The Compromise admitted California as a free state, settled Texas boundary claims, passed a more stringent fugitive slave law, and used popular sovereignty to decide free or slave status in, for five points each, which two territories?

NEW MEXICO and UTAH

C. FTP, in addition, where did the Compromise ban the slave trade?

DISTRICT OF COLUMBIA or WASHINGTON DC

22. For fifteen points apiece, given the name of an organic compound, give the number of peaks that would show up in a proton NMR spectrum and indicate any signal splitting that may occur. Disregard the base peak.

For instance, if I said "1,1,2-tribromoethane", you'd say "one triplet, one doublet". You will have 15 seconds for each part.

A. p-xylene 2 SINGLETs

B. bromoethane 1 TRIplet, 1 QUARTET (any order)
accept: 1 TRIplet, 1 MULTIPLET_ (any order)

23. Given a description of a Eugene O'Neill play, identify it FTP each.

A. Set in Harry Hope's saloon in New York City, Hickey attempts to disabuse the bar's tenants of their illusions before confessing to the murder of his wife.

The ICEMAN COMETH

B. Jim Harris and Ella Downey, an interracial couple, leave the country for France, but even there their marriage falters as Ella despises Jim's blackness until she mentally regresses to her childhood.

ALL GOD'S CHILLUN GOT WINGS

C. Observing the classical unities, it is an autobiographical treatment of O'Neill's family with his alter-ego going by the name of Edmund, a brother of O'Neill who died in infancy.

LONG DAY'S JOURNEY INTO NIGHT

24. Identify the following works of Willa Cather, all of which take place, oddly enough, partly in small town Nebraska, given a brief plot summary, FTPE.

A. It tells the story of the title character who has left her small-town Nebraska home to study music in Chicago. She becomes an accompanist to the singer Clement Sebastian and falls in love. After he is killed in Italy, she returns home and eventually drowns after falling through the ice while skating.

LUCY GAYHEART

B. This work chronicles the life of Alexandra and her brothers as a Nebraska homestead family. Alexandra tries to force her brothers to work, but eventually gives up and makes a great success of her own small section, though at the cost of marriage and a family.

O PIONEERS!

C. It is presented mostly as memories of the narrator's youth as he, an author, travels by train through Nebraska. He tells the story of his family's relationship with a Bohemian family, particularly his friendship with the elder daughter, and the difficulties of surviving on a Nebraska homestead.

MY ANTONIA

.25. December, 1997 saw the slaying of 45 peasants in southern Mexico.

A. For ten points name the village in which these killings occurred.

ACTEAL

B. FTP more, name the controversial bishop of San Cristobal de las Casas who is suspected of having ties to the Zapatistas.

Samuel RUIZ

26. Identify the following generals of the American Revolution FTPE.

A. As a boy he attended a school run by his Quaker uncle, though none of his pacifist traits seemed to have carried over. He became a general in the American army where he commanded the 'Pennsylvania Line' with reckless but inspiring leadership. He took the supposedly impregnable fort of Stony Point and later became one of Washington's most trusted generals.

Anthony WAYNE

B. He captured Fort Ticonderoga for the Americans and was later captured and imprisoned for three years by the British. His first loyalty was to the wellbeing of his home colony, and so after his release, he petitioned for its statehood, but was refused, and so attempted to get it annexed by British Canada, though he again failed. He died in 1789, two years before his home became a state.

Ethan ALLEN

C. He fought well in the defense of Charleston, South Carolina in 1776, and upon his defeat, led his troops into the swamps to hide. From there, he led a very successful guerrilla campaign, since the British lacked knowledge of local terrain and had no idea how to fight in swamps. He later drove the British out of the area and retook Charleston.

Francis MARION

27. Identify the poem from lines, FTP each. You'll receive 5 points if you need the poet.

A. Lines: We / Jazz June. We / Die soon.

Author: Gwendolyn Brooks

WE REAL COOL

B. Lines: now i love you and you love me / (and books are shutter / than books /can be)

Author: e.e. cummings

IF EVERYTHING HAPPENS THAT CAN'T BE DONE

C. Lines: My candle burns at both ends; / It will not last the night; /

But ah, my foes, and oh, my friends - / It gives a lovely light!

Author: Edna St. Vincent Millay

FIRST FIG