

8/24/03
8/25/05

Bear Cub Classic IV
Packet by Jerry V. and Eok N.
(plus Delta Burke '00 + '01)
Round 5

1. When it was first published at the author's own expense in 1855, John Greenleaf Whittier was one its strongest critics, condemning its exaltation of the body and of sexual love. Although the first edition contained just 12 poems, a new edition was released every several years and today's editions represent the complete collection of its author's work. FTP, identify this poetry collection which contains poems like *Spontaneous Me* and *O Captain! my Captain!*, the only book ever published by Walt Whitman.

Ans: Leaves of Grass

2. During this procedure, the equivalence point is often deduced visually when this procedure is based on acid-base neutralization, complexation, or redox reactions. For neutralization reactions, the end point of this procedure may be easily observed with the use of an indicator. When all of the target solute is neutralized, the pH of the solution will exceed the indicator threshold and the solution will change color. FTP, identify this common laboratory technique by means of which an unknown concentration of solute may be deduced and which usually involves a buret.

Ans: titration

3. Its Bohemian phase began when Bohemian Protestants deposed their Habsburg rulers and installed Frederick V of the Palatinate as their king. During the Palatinate phase, Frederick V struggled to win back the Rhenish Palatinate from Spain while the Danish phase saw King Christian IV defeated by Wallenstein. However, its best known phase is probably the Swedish, during which Gustavus Adolphus II invaded northern Germany and crushed the Imperial forces at Leipzig before being killed at the battle of Lutzen. Including such famous battles as White Mountain and Nordlingen, FTP, what is this European religious war which was ended by the Peace of Westphalia?

Ans: Thirty Years' War

4. Its creator originally intended it to represent Dante conceiving his great poem, but realized that a thin, ascetic Dante would have been at odds with the rest of his creation and instead sculpted it. The sculptor himself wanted the figure to represent not just a dreamer but a creator, and had also intended for it to be part of his greater project, the Gates of Hell, which was never completed. FTP, identify this famous August Rodin sculpture, which Rodin himself described as, "a naked man, seated on a rock, his fist against his teeth."

Ans: the Thinker

5. Two answers required. One was a nymph and a daughter of Phorcys. When the sea god Glaucus fell in love with her, he went to Circe to ask for a potion to melt her heart. However, Circe herself fell in love with Glaucus and out of jealousy turned the nymph into a hideous monster with tentacles and a body made of dogs. The other was also a nymph, the daughter of Poseidon and Gaia. She used to flood the lands in order to gain more space for her father's underwater kingdom until Zeus turned her into a monster and had her suck water in and spew it out three times a day. FTP, identify this pair of monsters who lived on either side of the Straits of Messina and threatened passing sailors.

Ans: Scylla and Charybdis

6. It is divided into four sections, each labeled with the date of the action that happens in that section: April 7th, 1928, June 2nd, 1910, April 6th, 1928, and April 8th, 1928. The first section is told from the point of view of the mentally retarded Benjy as he relives the memories of his youth. The third and fourth sections are both told from the viewpoint of Jason, as he first deals with his sister Caddy's illegitimate daughter and then pursues her in vain after she steals money from him. The second and most famous section follows Quentin Compson's preparations for his suicide in, FTP, what most famous work of William Faulkner?

Ans: The Sound and the Fury

7. The name of the defendant in this case actually refers to the judge who first heard the plaintiff's complaint of ill treatment. Ironically, this same judge had previously ruled the Separate Car Act

“unconstitutional on cars that traveled several states,” but found the act to be constitutional if travel was confined within Louisiana. The Supreme Court upheld the ruling with an eight-person majority, but Justice John Harlan wrote in the dissenting opinion that “Our Constitution is color-blind and neither knows nor tolerates classes among citizens.” FTP, what is this 1896 Supreme Court case which established the “separate but equal” doctrine as constitutional and which was overturned in 1954 by *Brown v. Topeka Board of Education*?

Ans: Plessy vs. Ferguson

8. Like other fields, it is also believed to be quantized and its mediating particle is believed to have a spin of 2. Like electromagnetism, it is a conservative field which obeys an inverse square force law. Its constant, equal to 6.672 times 10 to the negative 11th Newton meters squared over kilograms squared, is the smallest force constant. In his General Theory of Relativity, Einstein described it classically and showed it to be related to the curvature of space-time. FTP, identify this fundamental force which has yet to be unified with the electromagnetic, weak, and strong forces, and which is responsible for falling objects.

Ans: gravity (or gravitational force or field)

9. Born in India in 1935, he was named Tenzin Gyatso. At the age of two, he was recognized as the reincarnation of his predecessor and assumed full political responsibility for his country when he turned 15. His consistent opposition to the use of violence in his country’s struggle for freedom earned him the 1989 Nobel Peace Prize, but he describes himself as a simple Buddhist monk: no more, no less. FTP, name this man, the spiritual and temporal leader of six million Tibetan people.

Ans: The Dalai Lama

10. In 1982 he was banned from San Antonio for urinating on a monument. *Diary Of A Madman*, *Bark At The Moon*, and *Talk O The Devil* are some of his early 80s solo albums. His own band was first setup with Lee Kerslake, Bob Daisley, and Randy Rhoads. FTP, what ex-Black Sabbath rocker has a Fest named after him as well as a starring role as the patriarch of a hit MTV reality series?

Ans: Ozzy Osbourne (accept either)

11. It is slightly less than a million square miles in area. It is connected to the Atlantic Ocean via the Windward Passage. The Greater and Lesser Antilles make up its northern and eastern limits. Its name is derived from South American natives that moved to the surrounding islands. The Mosquito Coast of Nicaragua borders FTP, what large body of water contains the islands of Aruba and Jamiaca?

Ans: Caribbean Sea

12. He began studying mathematics after opening his own school at age 20, in 1835. An 1844 paper on operator calculus won him a gold medal from the Royal Society, and he did important work on differential equations. But he is best known for the 1854 book *An Investigation of the Laws of Thought*, in which he developed a system of symbolic logic, noting the analogy between algebraic symbols and those of logical forms. FTP, name this British mathematician, whose Aalgebra@ is especially useful in working with binary systems.

Ans: George Boole (prompt on Boolean algebra)

13. The oldest version of this tale is dated 1831 by Eleanor Mure, with the antiheroine originally as an old lady with silver hair and the other characters as just three bachelors. It ends with the bachelors impaling her on the steeple of St. Paul’s. In 1837 Robert Southey added the deescalating voices that parents so love when reading it to their children, but name this fairy tale, which is probably more famous when FTP the old woman is changed to a golden haired maiden, and the bachelors are changed to three ursine animals.

Ans: Goldilocks and the Three Bears

14. Researchers now speculate that in addition to genetic influences, the use of prescription or illicit drugs, alcohol and nicotine by pregnant mothers, and even the overprocessing of foods may be causative. Some researchers, however, feel that it is overdiagnosed and too many kids receive medication such as Ritalin for it. FTP what is this behavioral disorder that is harder to detect in females, and is characterized by excessive physical activity, distractibility, impulsiveness, and disruptiveness.

ans: Attention Deficit Disorder

15. Named for a German physician and a British mathematician, this law demonstrates that meiosis and recombination of genes do not alter gene frequencies. The conditions required are: a random mating, large isolated population, where no mutations occur with all traits selectively neutral. FTP, name this biological concept that states that the frequencies of alleles achieve equilibrium frequency population is large enough to be governed by Mendel's laws.

Ans: Hardy-Weinberg Equilibrium

16. Ken Dorsey, Byron Letfwich and Onterrio Smith are all hopefuls to win it this year. The winner of the second one, Larry Kelley from Yale, sold his in 1999 before committing suicide in 2000. The winner of the first, Jay Berwanger of University of Chicago, didn't even go pro as he could make more money in business. Archie Griffin of Ohio State is the only one to win it twice. FTP what is this yearly athletic award more recently won by Eric Crouch and Chris Weinke?

Ans: Heisman Trophy

17. This planet was discovered when John Couch Adams and Urbain Leverrier independently calculated where an additional planet would have to be in order to explain slight perturbations in the orbit of another body. Its Great Dark Spot is believed to be a storm. It is surrounded by five rings, and Voyager 2 discovered six new satellites including Proteus to go with Nereid and Triton. FTP identify this planet, last of the solar system's gas giants, named for the Roman god of the sea.

ans: Neptune

18. His name literally means "flat head" and his hope of establishing the rule of a philosopher king in Syracuse fell flat but his immortal literary works including *The Laws*, *Theatetus*, and *Criton* are still the bedrock of a liberal education. FTP identify this Greek, master of the dialogue form and one of the great prose stylists of all time, whose dialogues include the Phaedo and The Republic.

ans: Plato

19. In its aftermath, eight men were arrested and charged with murder; four were hanged, one killed himself, and the other three were pardoned in 1893. It began on May 4, when a demonstration of about 1500 people demanding an eight-hour working day was organized by a small group of anarchists. When police attempted to disperse the meeting, a bomb exploded in the crowd, killing seven policemen and four protesters, and injuring more than 100 others. FTP, identify this May 4, 1886 outbreak of violence in Chicago, which took place in the square from which the event takes its name.

Ans: Haymarket Square riot

20. Acrisius had been warned by an oracle that his grandson would kill him, so he imprisoned his stunning daughter, Danae. Along comes Zeus, in the form of a shower of gold through a crack in the roof, and nine months later the unwed mother was afloat in a locked chest. Years later this hero will fatally brain Acrisius with a discus, rescue the fair maiden Andromeda from a ravenous sea monster, and inadvertently create the winged horse Pegasus. FTP, identify this legendary Greek, most famous for donning Hermes helmet and a pair of winged sandals and decapitating Medusa.

ans: Perseus

21. In 1837, in her father's garden, she claimed to have heard the voice of God, telling her to do his work on earth. In 1854, she had her chance, having been sent to Scutari, on the Asian side of Istanbul, where she admired the work of one army doctor who, between battles, insisted on the cleaning of toilets and sewers. This led to her tireless work after the Crimean War to help others understand the necessity of cleanliness around surgeries. FTP name this most famous nursing pioneer.

Ans: Florence Nightingale

BONUSES

1. Name these parts of the human eye, FTP each.

A. The light-sensitive Ascreen@ at the back of the eye, containing millions of rods and cones, connected to the brain by the optic nerve.

Ans: Retina

B. The tiny region of the retina where most of the cones are concentrated; it provides detailed vision and colour vision.

Ans: Fovea

C. Either of the two types of "humour" in the eye; one is between the cornea and lens, while the other is between the lens and retina.

Ans: Aqueous or Vitreous humour

2. Identify these famous American short stories FTPE.

1. This Mark Twain story tells of how Jim Smiley is tricked by a visitor who bets Smiley that the titular animal can be outjumped.

Ans: The Celebrated Jumping Frog of Calaveras County

2. Jabez Stone sells his soul to one of the title characters in return for prosperity, but then hires the other title character to argue for his soul to be returned in this Steven Vincent Benet short story.

Ans: The Devil and Daniel Webster

3. Subtitled *A Story of Wall Street*, this Herman Melville story tells of how the narrator hires the title character as a clerk. After a while however, he refuses to perform his duties, giving as an excuse only the phrase, "I would prefer not to."

Ans: Bartleby, the Scrivener

3. Identify the historically significant piece of 19th century American legislation from clues FTPE.

1. Although this act was repealed in 1887 and a 1926 Supreme Court decision found it to be unconstitutional, Andrew Johnson was still impeached for violating it when he fired Secretary of War Edwin M. Stanton.

Ans: Tenure of Office Act

2. The passage of this act was motivated directly by the assassination of President Garfield by Charles Guiteau. It was designed to "regulate and improve the civil service of the United States."

Ans: Pendleton Act

3. This act created a five-man commission to resolve problems of transport rate discrimination, rate rebates, use of terminal facilities, and shortage of freight cars. Passed in 1887, this act, true to its name, was designed to regulate commercial activity between states.

Ans: Interstate Commerce Act

4. Given a volcano, identify the state which you can find it in FTPE.

(10) Lassen Peak

Ans: California

(10) Mt. St. Helen's

Ans: Washington

(10) Kilauea

Ans: Hawaii

5. Name the music trio given the names of their current members FTPE

(10) Natalie Maines, Martie Seidel, Emily Erwin

Ans: Dixie Chicks

(10) Scott Phillips, Brian Marshall, Scott Stapp

Ans: Creed

(10) Kelly Rowland, Beyonce Knowles, Michelle Williams

Ans: Destiny's Child

6. Identify these various quantities from physics that are related to rotation, FTPE.

1. A figure skater twirls around and pulls his arms in, causing him to spin faster. This is a direct consequence of the conservation of this quantity.

Ans: angular momentum

2. If you put yourself in the reference frame of a ball being whirled around on a string, you would find that the ball actually feels this "fictitious" force which pushes the ball away from the center.

Ans: centrifugal force

3. Projectiles moving in rotating systems are also affected by this velocity-dependent force which is responsible for deflection of artillery shells and the direction of rotation of a cyclone.

Ans: Coriolis force

7. Identify the German novelist from lesser known works for 15 points or from easier works for 5 points.

(15 points) *The Transposed Heads: A Legend of India, Confessions of Felix Krull, Confidence Man.*

(5 points) *Buddenbrooks, Joseph and his Brothers, Death in Venice*

Ans: Thomas Mann

(15 points) *Demian, Narciss and Goldmund, Klingsor's Last Summer*

(5 points) *The Glass Bead Game, Steppenwolf, Siddhartha*

Ans: Herman Hesse

8. Given the year and the preceding monarch, identify the English monarch who assumed the throne in that year FTPE.

1. James II, 1688

Ans: William III, Prince of Orange

2. Richard III, 1485

Ans: Henry VII

3. Queen Anne, 1714

Ans: George I

9. Name these Titans of Greek mythology FTPE.

(10) He was the father of Zeus and slew Uranus with a sickle. His mother was the Gaia.

Ans: Cronus

(10) She was Cronus's sister and wife. Mother to Zeus, she refused to have Cronus eat him and instead gave him a stone to eat.

Ans: Rhea

(10) This titan was forced to hold the heavens on his shoulders. He is the father of the Pleiades. The only time he was able to rest was when Hercules bore the heavens briefly for him. He also shares his name with a mountain range in northern Africa.

Ans: Atlas

10. Identify these Americans who ran for the presidency numerous times but never won FTPE.

1. A staunch opponent of Andrew Jackson, this architect of the American System ran for President three times, in 1824, 1832, and 1844. He was defeated by John Quincy Adams, Andrew Jackson, and James K. Polk, respectively.

Ans: Henry Clay

2. Famous for his "Cross of Gold" speech, this Democrat also ran for President three times but was defeated by William McKinley in 1896 and 1900, and by William Howard Taft in 1908. He was also the prosecuting attorney at the Scopes trial in 1925.

Ans: William Jennings Bryan

3. Although he ran for President five times from 1900 to 1920, once from jail, this man was never a serious candidate, as his Socialist platform did not sit well with the American electorate. He was much more successful as a labor activist and organizer.

Ans: Eugene Victor Debs

11. Answer the following about suspensions FTPE.

A suspension in which particles larger than most molecules don't dissolve but stay suspended in another medium, such as many paints and foams, is called this.

Ans: colloid

This is a type of colloid in which solids or liquids are suspended in a gas or liquid; in common household use they are expelled from a can by a hydrocarbon propellant.

Ans: aerosol

Shining an intense beam of light through a substance leading to a scattering of that light as it hits suspended particles is an example of this effect, which explains the gray-blue color of smoke.

Ans: Tyndall effect

12. Name the playwrights from plays FTPE.

(10) *The Crucible, Death of A Salesman*

Ans: Arthur Miller

(10) *The Endgame, Waiting for Godot*

Ans: Samuel Beckett

(10) *Tartuffe, The Misanthrope*

Ans: Moliere or Jean Baptiste Poquelin

13. Given a famous ballet, identify the Russian composed the music for it FTPE.

(10) Swan Lake

Ans: Peter Tchaikovsky

(10) Scheherazade

Ans: Nikolai Rimsky-Korsakov

(10) The Firebird

Ans: Igor Stravinsky

14. Given a description of the battle, identify the battle for 10 points.

(10) Occuring from August 23, 1942 through January 31, 1943, this battle saw General Zhukov encircled Paulus' 6th Army and forced Paulus to surrender. This battle for the namesake city turned the tide of World War 2 on the Eastern Front.

Ans: Stalingrad

(10) In 216 B.C., Hannibal was outnumbered by 10,000 men and his elephants had all perished, but he still managed to outmaneuver and destroy the Roman legions by encircling them with cavalry. He defeated the generals L. Aemillius Paullus and C. Terrentius Varro.

Ans: Canae

(10) Marshall Kutuzov, General Buxhowden, and Prince Johann von Lichtenstein were all defeated on November 17, 1805. Also known as the Battle of the Three Emperors, this conflict was the site of one of Napoleon's greatest victories over the combined forces of Russia, Prussia, and Austria.

Ans: Austerlitz

15. Identify these directors from films FTPE.

(10) *The Professional, The Fifth Element*

Ans: Luc Besson

(10) *Pulp Fiction, Reservoir Dogs*

Ans: Quentin Tarantino

(10) *Braveheart, The Man Without A Face*

Ans: Mel Gibson

16. Identify the painter from clues, 30-20-10.

(30 points) He was court painter to Holy Roman Emperor Charles V, and legend has it that when he once dropped his brush, Charles himself bent down to pick it up and hand it back to him.

(20 points) He started out as a student in the studio of Giovanni Bellini. In his later life, his patron was Philip II of Spain, for whom he painted works on mythological subjects, including *The Rape of Europa* and *Perseus and Andromeda*.

(10 points) He was the most prominent Venetian painter of the 16th century and his most famous work is *Venus of Urbino*.

Ans: Titian (or Tiziano Vecellio)

17. Let's see how much you know about the myths behind the constellations FTPE.

This is the second largest constellation in the sky and is the only zodiac constellation identified as a woman

Ans: Virgo

To the Polynesians it was the fish-hook of the trickster god Maui and was the creature that was sent by Hera and killed Orion

Ans: Scorpio

This constellation's origin is taken from when the god Pan, scared by the monster Typhon, started to change shape but was frozen by indecision and jumped in the water where half of him was turned into a fish

Ans: Capricorn

18. Answer some questions about the history of the suffrage movement in the United States FTSNOPE.

1. (5 each) These two women were the principal organizers of the Seneca Falls convention in New York in 1848.

Ans: Lucretia Mott and Elizabeth Cady Stanton

2. (10 points) This territory was the first to grant women the vote in 1869. When it became a state in 1890, it was the first state with women's suffrage. It also elected the nation's first female governor, Nellie Ross, in 1924.

Ans: Wyoming

3. (10 points) The 18th Amendment to the Constitution which granted women suffrage on a nationwide basis passed in this year.

Ans: 1920

19. Given a description, name the physical law FTPE.

This law states that absolute zero can be approached but never reached.

Ans: Third Law of Thermodynamics

According to this law, if one of the factors in a system at equilibrium changes, the system will readjust to compensate for the change.

Ans: Le Chatelier's Principle

If two systems are in equilibrium with a third system, according to this law, the first two must be in equilibrium with one another.

Ans: Zeroth Law of Thermodynamics

20. 30-20-10 Name the American author from works listed:

30 Jonah's Gourd Vine; Seraph on the Suwanee

20 Of Mules and Men; Dust Tracks on a Road

10 Their Eyes Were Watching God

Ans: Zora Neale Hurston