

8/28/03
9/19/05

Bear Cub Classic IV
Packet from Delta Burke '00 + '01
Round 2

TOSSUPS

1. The protagonist wants to help her husband's health by borrowing money for them to take a trip to Italy. She only gets the loan by forging her father's signature, and to pay back the bank she has to take in work. She likes the work, but when her husband Torvald finds out, he insists she quit. This leads to Nora Helmer's famous door slamming. FTP this describes what play by Henrik Ibsen?

ANS: A Doll's House

2. A trapezoid has parallel bases with lengths of 5 cm and 8 cm. The distance between the bases is 12 cm. FTP, what is the area of this trapezoid?

ANS: 78 cm

3. The maestro's dressing room at concert must contain 10 grilled chicken breasts, rice for 10 people, cheeses, pasta, soup, apples, 10 liters of Evian water and two crates of Coca-Cola. At the age of four he would jump onto the kitchen table and break into "La Donna e Mobile." At 31 in singing *La Fille du Regiment* he accomplished what no other tenor had done, singing in pure notes all nine high Cs, which the composer had write for falsetto. For ten points, name this bearded member of the "Three Tenors."

ANS: Luciano Pavarotti

4. The name was suggested in 1867 by the German physiologist Wilhelm Kühne and is derived from a Greek phrase meaning "in leaven." The induced-fit model describes how they work. At around 104 degrees F they become denatured because they are globular proteins. Composed of polymers of amino acids, they act as catalysts to regulate the speed of the many chemical reactions involved in the metabolism of living organisms. FTP name these biological catalysts that include pepsin and trypsin.

ANS: Enzyme

5. Her brother, Pygmalion, murdered her husband Sychaeus (si-kay-us), causing her to flee Phoenicia. Through the plotting of Venus, she becomes smitten with a shipwrecked leader, but after Mercury leads him away to fulfill his destiny, she kills herself. FTP name this subject of a Purcell opera opposite Aeneas, the first queen of Carthage.

ANS: Dido

6. After graduating from Harvard he lost the family business through incompetence, he filled a vacancy in the Massachusetts legislative assembly in 1774. He wrote radical columns under the pseudonyms Candidus and Vindex, and he led colonial opposition to the Tea Act, culminating in the Boston Tea Party. Cousin to the second president, FTP name this namesake of a modern American micro-brew.

ANS: Samuel Adams

7. The title character idolizes Steerforth, another student at Mr. Creakle's school, to which he has been sent by his cruel stepfather Mr. Murdstone. After his mother's death he works in a warehouse pasting labels on bottles while living with the poor but happy Micawber family. FTP this describes what Dickens novel whose protagonist finally finds happiness after helping Agnes Wickfield foil Uriah Heep?

ANS: David Copperfield

8. Catherine de Medici's plan to assassinate the Count of Coligny (call-in-ay) failed, so she chose August 24, 1572, as a good day to strike at her enemies in another manner. Because many of those enemies were in Paris, a Catholic stronghold, for the marriage of Henry of Navarre to Marguerite of Valois, it was easy to get loyal Catholics to attack Huguenot leaders. FTP what name is given to this slaughter of Huguenots on a saint's feast day?

ANS: St. Bartholomew's Day Massacre

9. Planck deduced two effects governing its distribution: first, there would be a tendency to radiate more high-frequency light than low-frequency light; and second, since the probability of radiation decreased as the frequency went up, there would be a tendency to radiate less in the high-frequency range. FTP these effects govern the distribution of what "perfect radiation" from objects which absorb all incoming wavelengths?

ANS: black body radiation

10. His 216 IQ explains why his favorite video game is "My Dinner with Andre." Though he owns a Shar-Pei, he still shows up in one episode with a mechanical Scots Terrier. It was at his birthday party that Principal Skinner and Mrs. Krabappel first kissed. Although he was unsuccessful in lobbying to have 20 minutes added to the school day, he did win fourth grade class president over Bart. FTP who is this brainy character on The Simpsons?

ANS: Martin Prince

11. It is located 110 miles east-northeast of El Paso inside of Lincoln National Forest, just north of the Guadalupe mountains. The Park preserves a portion of the Permian-Era Capitan Fossil Reef and its Lechuguilla Cave is the deepest limestone cave in the U.S. Home also to the "Big Room" underground and famous for its colony of Mexican free-tailed bats, FTP this describes what New Mexico National Park?

ANS: Carlsbad Caverns

12. Supposedly Ross Perot actually owns a copy of this document. Chapter 12 states that no payment demands can be imposed on subjects except to ransom the king, knight his eldest son, or marry his daughter off. Rooted in feudal law, it was repudiated by Innocent III after John declared himself a papal vassal, though Henry III confirmed it, and it was reissued in 1297 by Edward I. FTP what is this document signed at Runnymede in 1215?

ANS: Magna Carta

13. It begins when three young men are stopped by an old man who insists they listen to his story. He explains that because of a rash act on his part, he and his shipmates came across Death and Death-in-life playing dice for their souls. Death wins the crew, while Death-in-life wins the speaker, condemning him to live until he expiates his sin of killing an albatross. FTP "Water, water, everywhere but not a drop to drink." is a line that comes from what long poem by Samuel Taylor Coleridge?

ANS: The Rime of the Ancient Mariner

14. Born with the name Araminta in Maryland, a more "American" name was given by a later owner. In 1849 she made her way north, and she would have joined John Brown at Harper's Ferry, but became ill. She served Union forces as a cook and nurse in South Carolina and was said to have done some spying, as she knew how to move furtively and had many connections with slaves. FTP name this woman who led at least 300 slaves to freedom via the Underground Railroad.

ANS: Harriet Tubman

15. It generally increases going from left to right across a period and decreases going down a group on the periodic table. Linus Pauling developed the most accepted method of determining it. Chlorine has a value of 3.5, oxygen, 3.0 and fluorine, 4.0. FTP what is this property that describes the ability of an atom in a molecule to attract bonded electrons to itself?

ANS: Electronegativity

16. The first public showing of this artist's paintings took place in San Francisco in 1931. A member of the Young Communist League, the paintings are populated by folk figures and everyday scenes from her native land. Nearly killed by a trolley while young, some of her paintings focus on the damage done to her spine. Her biography is soon to star Selma Hayek. FTP who was this Mexican painter noted for her many unbrowed self-portraits and relationship with Diego Rivera?

ANS: Frida Kahlo

17. Discovered by Arthur Evans in 1899, the ruins of this city revealed that its citizens had built a magnificent palace with hot and cold running water, indirect lighting and with no defense walls. Archaeologists believe the city flourished from 2500 B.C. to around 1400 B.C. when a tidal wave destroyed it or Mycenaeans conquered it. FTP what is this Minoan city on Crete?

ANS: Knossos

18. The two title characters of this opera are lulled to sleep by the Sandman and awakened by the Dew Man, which is when they see the magic house. They are the children of the broom maker Peter, whose wife Gertrude sends them to find strawberries. Written by Englebert Humperdinck, FTP what is this opera about two children who narrowly

escape being baked into gingerbread in the witch's oven?

ANS: Hansel und Gretel

19. In Germany, this holiday sees the plunders, or the plundering of the Christmas tree for treats before it is burned. In Hispanic culture, grass is left in a box under the tree for the camels to eat after their long journey. The last of the Twelve Days of Christmas, celebrating the arrival of Gaspar, Melchior, and Balthasar, FTP this is what holiday celebrated on January 6th and also known as Epiphany?

ANS: Three Kings' Day (acc. "Epiphany" before given; also "Los Reyes Magos")

20. In the Inferno this creature guards the seventh circle of Hell and bites himself in rage on the approach of Dante and Vergil. As tribute from the Athenians, seven youths and seven maidens were to be sacrificed to it. Sometimes given the name Asterius, his mother, Pasiphae, was cursed by Poseidon to fall in love with a white bull he had given to her husband Minos. FTP this is what victim of Theseus, the inhabitant of the labyrinth?

ANS: Minotaur

21. He turned down the 1926 Pulitzer in fiction, stating that two of his earlier novels had been unfairly passed over. His hometown of Sauk Centre, Minnesota, served as the model for the Gopher Prairie of his novels, filled with dull, materialistic middle class people. Several of his novels are set in the town of Zenith. FTP, what winner of the 1930 Nobel Prize is the author of *Arrowsmith* and *Main Street*?

ANS: Sinclair Lewis

22. Mostly nocturnal, they are somewhat primitive primates including the avahi, sifaka and aye-aye, which have forward-directed lower front teeth and a claw on the second toe of the foot. Fossils of them are found in North America and Europe, though they remain in force only on the one island on which they haven't faced much natural competition. FTP what are these creatures whose species include the dwarf, mouse, and ring-tailed, many of which still thrive in Madagascar?

ANS: lemurs

BONUSES

1. Many world leaders show a flair for writing literature. Name the leaders who wrote the following FTPE:
"The Memorandum" (a play)

ANS: Vaclav Havel

Coningsby; *The Sybil* (novels)

ANS: Benjamin Disraeli

A History of the English-Speaking Peoples (1956-58)

ANS: Winston Churchill

2. Identify the following Renaissance artists from pairs of works FTPE.

The Four Horsemen of the Apocalypse; Melancholia I

ANS: Albrecht Durer

The Venus of Urbino; Sacred and Profane Love

ANS: Titian

Madonna and Child with St. John; The School of Athens

ANS: Raphael

3. Identify these seas based on the land masses which border them FTPE.

Vietnam and Cambodia to the north, Borneo to the south, the Malay Peninsula to the west.

ANS: South China Sea

North of Norway and Russia

ANS: Barents Sea

Sardinia to the west, Sicily to the south, Italy to the east

ANS: Tyrrhenian Sea

4. Identify these hyphenated treaties which gained land for the U.S. FTPE.

This 1819 treaty gained Florida for the U.S. while leaving the areas west of the Sabine River in Texas in Spanish hands.

ANS: Adams-Onis Treaty

This agreement, ratified by Congress in 1818, mostly settled U.S.-Canada boundaries in the Great Lakes and limited the number of warships allowed to permanently sail there.

ANS: Rush-Bagot Convention (or Agreement)

This 1842 agreement adjusted the boundary between Maine and New Brunswick in the aftermath of the Aristook War.

ANS: Webster-Ashburton Treaty

5. Answer the following about the Song of Roland FTPE.

Roland was a leader in the army of what French king?

ANS: Charlemagne (acc. Charles the Great)

Roland is overtaken by Muslims at what pass in the Pyrenees which names the battle?

ANS: Roncevalles

What name is given to these Muslim inhabitants of the Iberian peninsula whom the Spanish called the Moors?

ANS: Saracens

6. Identify these chromosomal disorders from descriptions FTPE.

Females who are missing an x chromosome suffer from this disorder which can lead to short stature and infertility.

ANS: Turner's Syndrome

This syndrome is caused by an extra chromosome on the 21st pair and leads to varying levels of intellectual retardation.

ANS: Down's Syndrome

This rare disorder is caused by a partial deletion of the short arm of chromosome five and leads to mild retardation, facial abnormalities, and a high-pitched wailing cry which gives it its French name.

ANS: cri du chat (acc. "cat's cry")

7. Identify these fictional detectives from descriptions FTPE.

Created by Earl Derr Biggers, this Chinese detective worked in Hawaii.

ANS: Charlie Chan

Created by Mickey Spillane, this two-fisted tough guy was played by Stacy Keach in a 1980s television series.

ANS: Mike Hammer

Created by Raymond Chandler, this private detective appeared in books like *Farewell, My Lovely* and *The Big Sleep*.

ANS: Philip Marlowe

8. 30-20-10 Name the poet from works.

(30) "Children of Adam"; "Crossing Brooklyn Ferry"

(20) "Calamus"; "When I Heard the Learn'd Astronomer"

(10) "Song of Myself"

ANS: Walt Whitman

9. Provide the names of the following polyprotic acids FTPE.

H₂CO₃

ANS: carbonic acid

H₃PO₄

ANS: phosphoric acid

H₂SO₃

ANS: sulfurous acid

10. Identify these barely related people and things FTPE.

This legendary king of Athens threw himself into the sea when he saw the black sail mistakenly left up on the boat of his son Theseus.

ANS: Aegeus

Homer said this shield was made by Hephaestus for Zeus from goatskin and thunder.

ANS: aegis

This god of the winds kept the winds imprisoned in islands named for himself.

ANS: Aeolus

11. 30-20-10 Name the mildly potent potable.

30) In 1654 it became known as "anointing wine" as it was served on the accession of Louis XIV. It was also originally called "vin gris" (veen gree).

20) Because it matured poorly in casks, the early method of "tirage," or bottling, was developed for it.

10) The best methods for aging it came from the French monk Dom Perignon; only sparkling wines from France can bear this designation.

ANS: Champagne

12. Identify whether each of the following groups of words is an independent clause, dependent clause, prepositional phrase, or adverbial phrase, FTPE.

Before the race is won.

ANS: dependent clause

Behind the fourteen cases of watermelon.

ANS: prepositional phrase

Run!

ANS: independent clause

13. 30-20-10 Name the British monarch.

30) The son of Lord Darnley, he traced his lineage to the Tudors through Henry VII, his great, great grandfather.

20) His mother, Mary, was executed, and he himself called for the execution of Walter Raleigh to appease the Spanish.

10) He was King of Scotland for 58 years, and of England for 22, and he authorized the first widespread printing of the Bible.

ANS: James I

14. Tell what instrument the following jazz greats played FFPE.

Miles Davis

ANS: trumpet

Thelonius Monk

ANS: piano

Gene Krupa

ANS: drums

John Coltrane

ANS: saxophone (acc. any type of sax)

Benny Goodman

ANS: clarinet

Bill Evans

ANS: piano

15. Identify these scandals from American history FTPE.

Oakes Ames, a congressman from Massachusetts was formally censured by the House in 1869 for his involvement in this railroad construction scandal.

ANS: Credit Mobilier

Although the Elk Hills and Buena Vista Hills oil reserves were also illegally leased by Harding's interior secretary Albert Fall, the scandal is known by the name of this Wyoming oil reserve.

ANS: Teapot Dome

This group of distillers who had conspired to defraud the federal government of liquor taxes was investigated by Treasury Secretary Benjamin Bristow.

ANS: Whiskey Ring

16. Identify these famous operas from characters and setting for ten points; if you need the composer, you'll only get five.

(10) Don Jose and Escamillo are characters; it takes place in Seville in 1820.

(5) Georges Bizet

ANS: Carmen

(10) Hedwedge, Jemmy and Gessler are characters; it's set in Switzerland in the 1300s.

(5) Giachimo Rossini

ANS: William Tell (acc. Guillaume Tell)

(10) Calaf and Ping, Pang, and Pong are characters; it's set in Peking at no particular time.

(5) Giacomo Puccini

ANS: Turandot

17. Identify the Shakespearean play from which the following well-known quotes come FTPE.

"O, beware, my lord, of jealousy:/It is the green-ey'd monster"

ANS: Othello

"Let it work;/For 'tis the sport to have the engineer/Hoist with his own petard"

ANS: Hamlet

"Yet I do fear thy nature,/It is too full o'the milk of human kindness"

ANS: Macbeth

18. Answer the following about your friend the electron FTPE.

This fourth quantum number can only have two values— $1/2$ or $-1/2$ —and is the reason any atomic orbital can only contain two electrons, with different values of it.

ANS: spin

What British physicist described electrons embedded in a diffuse cloud of positive charge, a concept he called the "plum pudding model"?

ANS: J. J. Thomson

Whose famous "oil-drop" experiment determined the magnitude of electron charge?

ANS: Robert Millikan

19. Given a creature, identify its phylum for five points each:

Jellyfish	ANS: Cnidaria
Earthworm	ANS: Annelida
Crab	ANS: Arthropoda
Snail	ANS: Mollusca
Sponge	ANS: Porifera
Flatworm	ANS: Platyhelminthes

20. 30-20-10 Name the American novelist from works.

30) The Pastures of Heaven; The Sea of Cortez

20) The Winter of Our Discontent; The Red Pony

10) East of Eden; Tortilla Flat; The Pearl

ANS: John Steinbeck