

Baby Hen 2003 Packet 2, Two, Dos, Ni

Written by Tax Free Shoppers and Solid Neon with a dash of Chris White.

2-1. As a result of it, Jean Hill would forever be known as 'The Lady in the Red Dress.' In 1979, a select house committee was appointed to investigate it, and issued a report blasting the CIA. Deputy Sheriff Roger Craig said he saw a white Rambler station wagon at the scene and some have argued that a man dressed like a police officer was involved. Officer J.D. Tippit was killed later that day and John Connally was struck in his right shoulder. Abraham Zapruder caught it on film. This is, FTP, what event that took place in Dealey Plaza forty years ago today?

ANSWER: John F. **Kennedy Assassination**

2-2. Although he is known today for his scientific discoveries, he primarily considered himself a theologian and educator. He was denied a position as a naturalist on Captain Cook's second voyage as a result of his religious belief, and in 1794 he was forced to emigrate to the United States because of public backlash concerning his views on the Trinity. In his most famous experiment, he focused sunlight through a lens to heat a sample of red calx, resulting in what he called "an air five or six times as good as common air." FTP, identify this chemist best known for his experiments involving gases, the discoverer of ammonia, hydrochloric acid, nitrous oxide, and investigator of oxygen.

ANSWER: Joseph **Priestly**

2-3. He throws his straw hat into the bonfire after the first battle, and is scolded for feeling remorse when he is believed to have killed a Foxwood stablehand. He practices the alphabet everyday, and though he sometimes gets to H, he is usually just content to know A, B, C, and D. He is sent to Alfred Simmonds, and not the hospital in Willingdon, when his famous strength fails him just a couple months before retirement, despite his loyalty and widely-quoted maxims "I will work harder" and "Comrade Napoleon is always right." Friend of Clover and Benjamin, FTP, name this hardworking horse who gets sent to the knackers' in *Animal Farm*.

ANSWER: **Boxer**

2-4. In biochemistry, it refers to autonomously folding functional modules of a protein. In biology, it refers to the new grouping proposed by Carl Woese above kingdom. The eminent type refers to the power of government to confiscate private property for public use. The public type denotes works on which copyrights have expired. FTP, give shared term, which also denotes the set of valid inputs to a function.

ANSWER: **Domain**

2-5. At its end, the point of view abruptly switches to that of the District Commissioner, who plans on writing a book entitled *The Pacification of the Primitive Tribes of the Lower Niger*. That perspective switch comes after Obierka, the protagonist's best friend, asks for aid in cutting the protagonist's corpse from a tree. FTP, name this work set in Mbanta and Umuofia in which Okonkwo and his culture fail to survive Christian missionaries and colonialism, written by Chinua Achebe.

ANSWER: **Things Fall Apart**

2-6. In his final match, this number one ranked player had over 72 unforced errors in a straight-set loss to unranked Sanjay Gandhi. The loss marked the end of a lifetime of brilliance spent playing the drums, enjoying HAM radio, and practicing falconry, although he never developed as a painter. His mental breakdown was a direct result of his adopted sister's marriage to a noted neurologist, and his later suicide attempt resulted from his best friend's affair with the same sister. FTP, name this character played by Amadeo Turturro and Luke Wilson in Wes Anderson's *The Royal Tenenbaums*, the favorite son of Royal.

ANSWER: **Richie** Tenenbaum (prompt on Tenenbaum)

2-7. Also known as Laerad, it literally translates as "The Terrible One's Horse". It produces aurr, a magical elixir thought to be the "lunar blood" life giving force, appropriate, since the first man was created from it. Six animals eat portions of it: four deer, (including Dain and Dvalin) representing the wind eat its buds, the goat Heidrun eats its leaves, while its roots are gnawed by the dragon Nidhogg; perhaps its most famous denizen is the talkative squirrel Ratatosk. Home of all nine worlds, including Niflheim and Asgard, FTP, name this World Ash Tree of Norse myth.

ANSWER: **Yggdrasil**

2-8. When word of John Hay's open-door policy reached her, Empress Tsu Hsi reacted by issuing an imperial message to all provinces warning that foreigners were seizing their innermost territories. In Shandong province, a devastating drought swelled the ranks of it, and soon fighting broke out. Christian missions were attacked first, but soon the rebels entered the Forbidden City. Foreigners, living in a compound just outside the city, came under a two-month siege, which was lifted only when an international relief force spearheaded by the Americans arrived. FTP, name this Chinese rebellion named after the secret society that caused it, the Fists of Righteous Harmony.

ANSWER: **Boxer Rebellion**

2-9. Book V contains the argument against the lovers of sights and sounds, Book VI the analogy of the line, Book X the banishment of artists, Book IV the definition of justice, Book VIII an examination imperfect constitutions, Book I the dialogue with Thrasymachus, Book VII the analogy of the cave. FTP, name this foundational work of political philosophy written in the 4th century BC by Plato.

ANSWER: The **Republic**

2-10. His first work, *Pauline: A Fragment of A Confession*, was published anonymously in 1833. His chances for critical and popular success were foiled with the publication of the long, obscure narratives *Paracelsus* and *Sordello*; his lyrics were collected in *Bells and Pomengranates*. Eventually attracting attention as a husband, his writing became successful with *Dramatis Personae*, a collection of soliloquy-like poems exploring the psychology of the speaker. Most influential for his perfection of the dramatic monologue, FTP, name this poet of *Pippa Passes* and *The Ring and the Book*, best known in his lifetime for marrying Elizabeth Barrett.

ANSWER: Robert **Browning**

2-11. He is currently the chairman of "Leadership for America", an educational organization. The CEO of a consulting firm, he ranked first in his class at West Point and later was a Rhodes Scholar. He served as NATO Supreme Allied Commander from 1997 to 2000 and commanded Operation Allied Force. FTP, name this general who is campaigning for the Democratic nomination for President.

Answer: Wesley Clark

2-12. His first time away from his native Helicon, he gave a talk at the decennial mathematics convention, and his "flight" began. His wife Dors died foiling a plot to assassinate him and his son Raych during the Santanni rebellion. As a mediocre first minister to Emperor Cleon the first, he earned the nickname raven for his dire prediction of the end of the Empire. Along with best friend Yugo Amaryl, he spent most of his life developing his eponymous branch of mathematics. FTP, name this Isaac Asimov character, creator of Psychohistory and father of the Foundation.

ANSWER: Hari Seldon (accept either)

2-13. The University of California, San Francisco first cloned its gene in 1979 and owns the patent for it. Comprised of 191 amino acids, it is released by the anterior pituitary gland during REM sleep. It is secreted in pulses and stimulates production of IGF-1 from the liver. Proponents claim that taking it can restore youth and makes wrinkles vanish. FTP, name this protein, also known as somatotropin.

ANSWER: Human Growth Hormone (Accept Somatotropin before mentioned in question)

2-14. Shortly before it occurred, Wamsutta was taken in for questioning but died while in custody. Tensions following that incident were high, and the murder of Sassamon brought them to a head. Swansea was destroyed following a five-day siege, followed by attacks on Mendon, Brookfield, Lancaster, and even Plymouth. But the tide would turn, and the colonists eventually won. Occurring almost 40 years after the Pequot War, FTP, identify this 1675 conflict between the New England colonies and surrounding natives, named for a tribal chief of the Wampanoag.

ANSWER: King Phillip's War

2-15. Located between the Carrick-a-rede rope bridge and Dunluce castle in County Antrim, it consists of nearly 40,000 hexagonal stones. Created during a long ago extrusion of molten basalt, it served as the background for the cover photo of Led Zeppelin's *Houses of the Holy*. Because a similar formation exists in Scotland, it was rumored to have been erected by a legendary Celtic hero so that he might be able to reach a favored lady. FTP, name this structure thought to be the remnants of a staircase built by Finn MacCool.

ANSWER: Giant's Causeway

2-16. Its name came during a speech two weeks after it happened, a name derived from a popular patriotic song. Although during the speech it was claimed that only 74 people died, others estimate it to be upwards of 400. Among the executed were Ernst Roehm and

Gregor Strasser, the supposed chief conspirators. It occurred after Goering and Goebbels had Reinhard Heydrich manufacture evidence to make Hitler think there was a conspiracy against him. FTP, name this 1934 event, Hitler's largest purge of his leadership.

ANSWER: **Night of the Long Knives**

2-17. This painting, which marked the artist's break with Impressionism, drew heavily from the work of Emile Bernard whose style was characterized by flat areas of shockingly unnatural color sectioned off by bold outlines. In the painting, a large field of brilliant red is separated diagonally by a stylized tree, evocative of Japanese prints. In the upper right, two figures grapple in a Sumo-like fashion. These figures have been imagined by the women and priest in the lower half dressed in rural Breton costume. FTP, name this 1888 Paul Gauguin work which depicts a congregation's view of an encounter after which the name of one combatant was changed to Israel.

Answer: The **Vision After the Sermon** (accept **Jacob Wrestling with the Angel** or clear knowledge equivalents)

2-18. "It is not pleasant to realize that we have developed a form of family organization which often cripples the emotional life, and warps and confuses the growth of many individuals' power to consciously live their own lives." This book's author unintentionally brought about the downfall of eugenics, which the author supported. A student of Franz Boas, the author sought to show that all parts of our culture are a result of social construction. Subtitled: *A Psychological Study of Primitive Youth for Western Civilisation*, this study of adolescent girls was written in 1928. FTP, name this discredited work by Margaret Mead.

ANSWER: **Coming of Age in Samoa**

2-19. In its latest incarnation, it uses Keith Marzullo's algorithm, with the UTC time scale. Its first major use was in airports, for which it is particularly suited. Version 4 can achieve accuracy of under 200 microseconds under ideal conditions, or usually to within 10 milliseconds over the public Internet. Created by David Mills of the University of Delaware, its purpose is to synchronize clocks over a variable-latency network. FTP, identify this Internet protocol usually abbreviated NTP.

ANSWER: **Network Time Protocol** (Accept **NTP** before mentioned)

2-20. First introduced into the orchestra in the late 17th century, they make their earliest appearance in such works as Lully's *Thésée* and Henry Purcell's "Ode for St. Cecilia's Day". Originally used in pairs tuned to the tonic and the dominant, Hector Berlioz's Requiem required 16 of them. FTP, name this type of kettledrum whose name is Italian for "drums".

ANSWER: **timpani** (or **tympani**)(prompt on "kettledrum" before it is said)

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BONUSES

2-1. Graph theory. FTPE, give the number of edges in the following graphs.

[10] A tree with 12 nodes.

Answer: **11**

[10] The complete graph on 6 vertices.

Answer: **15**

[10] The complete bipartite graph, $K_{7,4}$.

Answer: **28**

2-2. First he murdered the Beatles' final album, then he murdered that chick in his foyer.
FTPE answer these questions about legendary producer Phil Spector.

a. This is the three-word term commonly used to designate Spector's bombastic, cluttered production style.

Answer: **Wall of Sound**

b. He brutally abused his wife Veronica Bennett, who was the lead singer of this Spector-produced girl group.

Answer: The **Ronettes**

c. He had a brief cameo as a drug dealer in this 1969 biker film starring Peter Fonda.

Answer: **Easy Rider**

2-3. Presidential trivia, FTPE.

[10] The first president to have a Christmas tree in the White House, he "affirmed" when taking the oath of office.

ANSWER: Franklin **Pierce**

[10] Which president had a PhD?

ANSWER: Thomas Woodrow **Wilson**

[10] The first president born as a citizen of the U.S., he was the only incumbent President to run for re-election without a vice-presidential running-mate.

ANSWER: Martin **Van Buren**

2-4. Name the George Bernard Shaw plays from characters on a 5-10-20-30 basis:

[A] Adolphus Cusins, Andrew Undershaft

ANSWER: **Major Barbara**

[B] Megara, Lavinia

ANSWER: **Androcles and the Lion**

[C] Don Juan, the Devil, Ann and John Tanner

ANSWER: **Man and Superman**

[D] Henry Higgins, Eliza Doolittle

ANSWER: **Pygmalion**

2-5. Name the highest point in the given state, FTPE.

10) California

Answer: **Mt. Whitney**

10) Oregon

Answer: **Mt. Hood**

10) New Hampshire

Answer: **Mt. Washington**

2-6. Identify these authors with something in common, FTPE

a. (10) This Milledgeville, GA native is known for the dark humor of works like "A Good Man is Hard to Find", and "Wise Blood".

Answer: Flannery **O'Connor**

b.(10) This American was a comic playwright, but is known better for regionalist novels like "So Big", and "Show Boat".

Answer: Edna **Ferber**

c.(10) This member of the Bloomsbury group wondered, "walking towards Bond Street, did it matter that she must inevitably cease completely", in "Mrs. Dalloway".

Answer: Virginia **Woolf**

2-7. Particle Physics, FTPE

[10] This particle mediates the strong nuclear force.

ANSWER: **Gluon**

[10] They were first predicted in 1935 by Hideki Yukawa. Their mass is generally between that of leptons and baryons.

ANSWER: **Meson**

[10] Originally classified as a meson, it is now classified as a lepton. It closely resembles an electron, but has 207 times the mass.

ANSWER: **Muon** (originally mu meson)

2-8. The Reign of Elizabeth I, FTPE

10) As a result of Elizabeth's anti-Catholic policies, England came under this attack from this force in 1588

ANSWER: **Spanish Armada**

10) The first Englishman to circumnavigate the globe, he was the second in command of the English fleet that defeated the Spanish Armada.

ANSWER: Francis **Drake**

10) Upon her death, Elizabeth was succeeded by this King, who was also ruler of Scotland.

ANSWER: **James I**

2-9. Name the philosopher from works, 30-20-10:

[30] *Introductory Lectures on Aesthetics, The Philosophical Propaedeutic*

[20] *Science of Logic, Elements of the Philosophy of Right*

[10] *Phenomenology of Spirit, The Phenomenology of Mind, Introduction to the Philosophy of History*

ANSWER: Georg Wilhelm Friedrich **Hegel**

2-10. Name these bacterial molecular biological terms, FTPE.

[10] This is a set of adjacent genes in bacteria whose mRNA is synthesized in one piece. These genes are all under the transcriptional control of the same protein.

ANSWER: **operon**

[10] This term refers to prokaryotic messenger RNAs that code for multiple proteins within the same mRNA transcript.

ANSWER: **polycistronic**

[10] After the bacterium's DNA is replicated, the two daughter chromosomes are often in the form of two linked circles. This is the enzyme that unlinks the circles.

ANSWER: **topoisomerase**

2-11. Printmaking techniques, FTPE.

A. A surface, usually metal, is incised with a sharp instrument called a burin to make a design. The incised surface is inked and wiped, leaving ink in the incisions, and the design is applied to paper.

A: **Engraving**

B. A needle is used to draw into a wax ground applied on top of a metal plate. The plate is submerged into a series of acid baths, creating depressions in the areas unprotected by wax. The wax is removed, ink is forced into the depressions, and the design is applied to paper.

A: **Etching**

C. Both engraving and etching are examples of this collective term where ink is trapped in grooves in a metal plate. Coming from the Italian for "to cut," this term also refers to images incised in gems, seals, and dies for coins.

A: **Intaglio** (in-TAH-lio)

2-12. Name these peoples of Africa, FTPE.

[10] Numbering about 9 million in Morocco and about 4 million in Algeria, these people include the Almoravids and Almohads, who ruled much of northwestern Africa and Spain in the middle ages.

ANSWER: **Berbers**

[10] The single largest black ethnic group in South Africa, they are closely related to the Swazi and the Xhosa [Zo-sa].

ANSWER: **Zulu**

[10] Mainly found in southwestern Nigeria, members of this ethnic group include the writers Amos Tutuola and Wole Soyinka.

ANSWER: **Yoruba**

2-13. Name the following about an opera, FTPE.

[10] Victor Hugo's play "Le Roi's Amuse" was the basis for this opera first performed in 1851.

ANSWER: **Rigoletto**

[10] This man was the composer of "Rigoletto."

ANSWER: Giuseppe **Verdi**

[10] This famous aria from Rigoletto likens women to feathers in the wind.

ANSWER: La **donna è mobile**

2-14. Given a description, name the fictional animal from literature, FTPE

10) This is the name of Don Quixote's horse

ANSWER: Rosinante (or Rocinante)

10) Hailing from darkest Peru, he is extremely fond of marmalade sandwiches.

ANSWER: Paddington Bear

10) This dog in the Odyssey lived just long enough to see his master return.

ANSWER: Argos (Accept Argus)

2-15. Identify these U.S. Naval disasters, FTPE.

[10] During the Six Day War, Israeli forces attacked this intelligence gathering ship off the coast of Gaza, killing 35.

Answer: U.S.S. Liberty

[10] In 1987, this ship was struck accidentally by two Iraqi missiles. The resulting fires killed 37 sailors.

Answer: U.S.S. Stark

[10] Turret Two exploded aboard this battleship in 1989 killing 47.

Answer: U.S.S. Iowa

2-16. Answer the following about the Battle of the Camel, FTPE.

[10] The battle was fought in this southern Iraqi city, the country's second largest. The British took control of this city on April 7th, 2003.

ANSWER: Al-Basrah

[10] This fourth caliph, who according to Shi'i [Shee-eye] tradition, was chosen by Mohammed on his deathbed to be the second caliph led one side in the battle.

ANSWER: Ali ibn Abu Talib

[10] Ali defeated this third and most favored wife of Mohammed.

ANSWER: Aishah

2-17. 5-10-20-30, given the name of humanoid remains, name the present day country in which they were originally discovered. e.g. If I said Java man, you'd say Indonesia.

Neanderthal

Answer: Germany

Mungo man

ANSWER: Australia

Cro-Magnon

Answer: France

Homo habilis

Answer: Tanzania

2-18. Early American Lit, FTPE.

a. (10) This Nathaniel Hawthorne short-story centers on love and murder among a group of artists in Rome. It takes its name from a particular red statue that they see in the Capitoline Museum.

Answer: The Marble Faun

b. (10) The pathetic title character of this Melville "Story of Wall Street", dies in prison after refusing the food sent by his guilt-wracked employer. If he had the opportunity to answer this question, he "Would prefer not to."

Answer: **Bartleby**, the Scrivener

c. (10) This short-story collection by Washington Irving contains both "Rip van Winkle" and "The Legend of Sleepy Hollow".

Answer: The **Sketch Book** of Geoffrey Crayon, Gentleman

2-19. Children of Uranus, FTPE

10) This group included Oceanus, Coeus, and Iapetus. They helped their father imprison the Hecatonchires.

ANSWER: The **Titans**

10) This Titan, who shares his name with a book written by Dan Simmons, was the Sun god prior to Apollo

ANSWER: **Hyperion**

10) Following their defeat by the Olympians, this is the place where the Titans were imprisoned

ANSWER: **Tartarus**

2-20. Name these people in the news in 2003, FTSNOP.

5) This man, accused of the bombing in Atlanta's Centennial Park in 1996 and other crimes was captured in North Carolina in June.

Answer: Eric **Rudolph**

10) This New York Times reporter resigned in May after it was discovered he plagiarized or fabricated dozens of stories.

Answer: Jayson **Blair**

15) This Episcopalian minister was approved in August as the church's first openly gay bishop.

Answer: V. Gene **Robinson**