

Buzzerfest VII: 15 Minutes to Wapner

Edited by Chris Frankel
Packet by Brandeis (Dan Passner)

Tossups

1. During a string of years where held diplomatic posts for such countries as Java, Ceylon, and Burma, he published *Attempt of the Infinite Man*, *Rings*, and *The Enthusiastic Slingshooter*. *La Barcarola* and *Cien Sonnetas de Amor* were later works of this author, who was awarded the Nobel Prize in Literature in 1971. Exiled from his nation in 1948 for abandoning the Communist party, he reportedly left on horseback with the manuscript for *Canto General* in his saddlebag. FTP, name this Chilean poet of *Twenty Love Poems and a Song of Despair*.

ANSWER: Pablo Neruda (accept Neftali Riccardo Reyes Basoalto before it is mentioned)

2. As a child, he was given a handful of roasted cereal grains to sate his hunger and stop him before he could eat Kubera. His appetite factored in again when he fell and split open his stomach that was bloated full of cakes, then lashed out at the moon goddess, Chandra, who had laughed at him. Numerous myths account for his most prominent feature, with either the powerful glance of Shiva or his refusal to allow Shiva to see his mother Parvati as possible reasons for his decapitation. FTP, name this Hindu god of wisdom with the head of an elephant.

ANSWER: Ganesh or Ganesha

3. This application of this method to teaching was discussed in *Concise Theoretical Pedagogy* by Martinus Langeveld, who also wrote a text about its role in learning. It was also applied to psychiatry by Ludwig Binswanger and to ethics by Max Scheler. Relying on the notion that consciousness is always intentional, it focuses on occurrences that are objects of experience or attitudes, which are treated as essences. It has transcendental and genetic types, the latter of which was introduced in its creator's *Cartesian Meditations*. FTP, name this branch of philosophy practiced by Franz Brentano and Edmund Husserl, the description or study of appearances.

ANSWER: phenomenology

4. The final pages of his story mention his marriage to Susanna Cullen, and show his letter professing loyalty to the wife of George III. His credibility has been questioned due to possible evidence that he was born in South Carolina, and not the village of Essaka, but allegedly he spent several years traveling at sea, and even served on a search for the Northwest Passage after being kidnapped from his home in the Kingdom of Benin at age 11. Eventually purchasing his freedom, he went on to publish his autobiography in 1789. FTP, name this abolitionist who wrote an *Interesting Narrative* and was also known as Gustavus Vassa.

ANSWER: Olaudah Equiano (accept Gustavus Vassa before it is mentioned)

5. Commonly found in unicellular eukaryotes, particularly *Tetrahymena thermophila*, it is a ribonucleoprotein consisting of a single RNA molecule. Its protein component, called hTERT in humans, provides its catalytic action and its lone RNA molecule provides an AAUCCC template. In some human cells it is briefly active during the S phase of the cell cycle, but this reverse transcriptase usually is only active in stem cells and germ lines, effectively allowing them an unlimited number of cell divisions. FTP, name this enzyme responsible for the production of the end section of a eukaryotic chromosomes, a major focus in studies on cancer therapy and aging.

ANSWER: Telomerase

6. One exception to it includes instances where two aspirated stops in a word would dissimilate so the first lost its aspiration, as a result of Grassman's Law, in the case of the correspondence between Sanskrit and Gothic. Several other exceptions were noted in 1875 by Karl Verner. Formulated to account for the transition of certain Indo-European stop consonants to fricatives and voiceless stops in Germanic languages, it is also known as the First Germanic Sound Shift. FTP, identify this law of linguistics named after a man named Jakob, who famously compiled fairy tales with his brother Wilhelm.

ANSWER: Grimm's Law

7. He runs into some smugglers and almost drowns during an on-boat struggle with a girl named Undine during a visit to Taman. Another story from his diary describes how his friend Vulic was killed by a sabre-wielding drunk while walking home from a game involving a loaded pistol. The two main women in this man's life are Bela, a Circassian princess murdered by a jealous tribesman, and Princess Mary, whom he does not love, but who nonetheless drives him to kill his friend Grushnitsky in a duel. Regarded as the quintessential "superfluous man," FTP, who is this protagonist of Mikhail Lermontov's *A Hero of Our Time*?

ANSWER: Gregory Pechorin

8. Bounded to the south by the Heart fault, it has its eastern limit is the Karambar Pass between the valleys of the Konar and Gilgit rivers. Running northeast to southwest, it separates the valleys of the Amu Darya and Indus rivers and reaches its highest point near the Afghanistan-Pakistan border with Tirich Mir. FTP, this is what Asian mountain range which derives its name from the Arabic for "Mountains of India?"

ANSWER: Hindu Kush

9. A major motivation for one of this conflict's participants was assuring access to *mate*, a tea-producing herb, and another factor was the desire to bring the indigenous Guarani population entirely under the rule of one nation. A key point in the fighting was the fall of Ballivian, which led to the removal of Daniel Salamanca; and in the following June a cease-fire came, though the Treaty of Buenos Aires was not signed until 1938. FTP, name this war between Bolivia and Paraguay over the namesake desert region.

ANSWER: Gran Chaco War

10. This equation has been employed to determine the viability of life on Mars based on the ability of amino acids to survive and chemical processes in cells to occur properly under Martian temperature conditions. The quantity of $1/RT$ (one over the product of the ideal gas constant and temperature) is multiplied by the activation energy to form the negative exponent to which e is raised, and the subsequent quantity is multiplied by A , or the frequency factor, to yield the final result. FTP, name this equation that solves for the rate constant of a reaction, named for a Swedish chemist.

ANSWER: Arrhenius Equation

11. The explorer James Bruce reintroduced this book to Western culture in 1773 when he returned with three copies of it from a trip to Abyssinia. Relegated to the Apocrypha, it is quoted thrice in the Epistle of Barnabas, where it is twice referred to as "the scripture," and it is cited once in the New Testament in Jude 14. Written to tie up loose ends from the Pentateuch, it is controversial for its depiction of fallen angels whose petition to God is presented by the title character, who is believed to have later become Metatron. FTP, name this book, named for the father of Methuselah.

ANSWER: Book of Enoch (accept "Hanokh")

12. In this work, Act 2, Scene 2 opens with "I Ain't Got No Shame" as an evening picnic begins on Kittiwah Island. One of the title characters goes alone, and after hearing "It Ain't Necessarily So," a sermon on skepticism preached by a drug dealer, she is approached by Crown, whom she spends a few days with before returning sick to her companion, the other title character. In the end, she runs off to New York with the aforementioned drug dealer, Sportin' Life, leaving the other title character to look for her. FTP, name this folk opera about a black cripple and his love, the *magnum opus* of George Gershwin.

ANSWER: Porgy and Bess

13. According to Pettersen's Rule, they serve as the ideal breeding ground for new cyclones. When they form, light precipitation generally occurs for a period of several days. They typically occur when two opposing air masses of contrasting temperatures meet, but neither is able to exert a sufficient displacement force. Depicted on weather maps as a line of alternating triangles and semicircles facing opposite directions, FTP, what is this type of front that is the result of a warm and cold front meeting each other and producing a new, motionless front?

ANSWER: stationary front (prompt on "front")

14. After their last member died, their lands were claimed by France but ultimately won by Spain in the Treaty of Cateau-Cambresis. The first prominent one was a farmer who became a constable and loyal ally to Joanna II, Muzio Attendolo. Others included Bona, the wife of Sigismund I; Galeazzo Maria, a patron of the arts who employed Donato Bramante; Caterina, who ruled Imola and Forli until they were seized by Cesare Borgia; and the man who brought them to power by marrying Bianca Maria Visconti, Francesco I. FTP, name this family who ruled Milan from 1450-1535 and whose name translates as “the forcer.”

ANSWER: Sforza

15. His most famous work begins simply enough by praising “the keeper of Heaven’s kingdom,” “the might of the creator,” and “the work of the Father of glory.” A laborer at Whitby, he was called in to see head of the abbey, St. Hilda, about an intense dream involving an angel who made him sing the aforementioned poem. Alive during the 7th Century AD, he had story chronicled in the *Ecclesiastical History of the English Nation* by the Venerable Bede. FTP, name this man whose short hymn of creation is often considered the first poem written in English.

ANSWER: Caedmon

16. One of its creators described it to his children with the analogy of two swimmers in a race: one swimming straight across a river, the other swimming across while facing upstream. Kennedy and Thorndike modified it using unequal path lengths for the beams involved, but were unable to improve upon its null results or contradict the explanation of its failure given by the Fitzgerald-Lorentz hypothesis. Conducted by splitting a monochromatic light beam at a right angle through the use of a half-silvered mirror, FTP, what is this experiment that intended to measure the speed of Earth through the aether using an interferometer, named for its two creators?

ANSWER: Michelson-Morley experiment (prompt on “Michelson interferometer”)

17. Two years after it was enacted, a joint resolution by Congress finally repealed this order; the initial attempt to do so after Levi Woodbury issued it was pocket vetoed. An attempt to curb increasing levels of inflation and prevent fraudulent speculation practices, it instead drove the pet banks to frantically try to collect loans that many of its customers could not pay, ultimately leading to the Panic of 1837. FTP, name this executive order by Andrew Jackson that only allowed US land offices to accept payment in gold or silver.

ANSWER: Specie Circular

18. This poem’s fifteenth and last section is a four line quip addressed to the young son of William Macready, advising him to keep his promises, and saying, “So, Willy, let you and me be wipers / of scores out with all men.” In the main plot, the Mayor offers the title character fifty guilders instead of the promised one thousand. The Mayor and the Council are then “Unable to move a step, or cry” as a portal to Transylvania opens in a mountain, and except for one lame boy, all the town’s children, entranced by the title character, follow him inside, never to be seen again. FTP, name this Robert Browning poem telling the story of a musician hired to rid the titular town of rats.

ANSWER: “The Pied Piper of Hamelin” (prompt on “Pied Piper”)

19. The creation of the original piece in this sixteen part series was observed by John Quinn, and its subsequent owner, Florence Schoenborn, donated it to The Metropolitan Museum of Art. Produced over a seventeen year span and based on the earlier *Maiastira* series, it has its first seven pieces carved in marble; the rest were done in bronze, and all were placed on a round wood pedestal. As in other works, the artist intentionally added “flaws” to these pieces, such as a nick or shaved off edge to disrupt their perfect geometry, even though this series was designed to depict the pure form and essence of flight, as opposed to visible wings and a beak. FTP, name this modernist series of avian-themed sculptures by Constantin Brancusi.

ANSWER: Bird in Space

20. Earlier works by this novelist include a story about Martha Reganhart’s love affair with Gabe Wallach, *Letting Go*; and one about the puritanical Lucy Nelson, *When She Was Good*. Drawing from an anecdote told by Richard Elman, he depicted himself in a struggle with an evil imposter in the 1994 PEN/Faulkner award winner *Operation Shylock*. Having gained fame with his first novel, *Goodbye, Columbus*, and his

novels about Nathan Zuckerman, FTP, who is this American author, who won another PEN/Faulkner award in 2001 for his sequel to *American Pastoral*, *The Human Stain*?

ANSWER: Philip **Roth**

21. He was the first man to solve Fermat's triangle problem, solving for the first Fermat point in a given acute triangle. He also discovered the solid known as Gabriel's Horn, which has infinite surface area and finite volume. Better known for his discoveries in physics, he wrote a treatise called "Concerning Movement" that impressed Galileo, leading him to live with Galileo for the remaining few months of Galileo's life. Known best for his studies of pressure, FTP, identify this Italian physicist who constructed the first barometer.

ANSWER: Evangelista **Torricelli**

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Bonuses

1. FTPE, answer the following about Felix Mendelssohn.

(10) At age sixteen, Mendelssohn wrote this piece in E flat major for chamber strings, one of the first of its kind. Its third movement Scherzo was based on a stanza from Goethe's *Faust*.

ANSWER: Octet for Strings in E Flat

(10) In 1829, Mendelssohn conducted a performance of this J.S. Bach work, leading to a popular rediscovery of Bach's music.

ANSWER: St. Matthew Passion

(10) This Overture, written in 1830 but not performed until 1832, was inspired by a visit to a cave in Scotland.

ANSWER: Hebrides Overture or Fingal's Cave

2. Identify these parts of the body frequently injured in pitchers, FTPE.

(10) The extreme force of overhand pitching causes this bone to bend slightly when a pitcher throws. When the bone cannot withstand the force, a spiral fracture can result.

ANSWER: Humerus

(10) The bones of the lower leg can look like a safety pin or brooch, explaining the etymology of the name of the smaller bone.

ANSWER: Fibula

(10) It is located on the inside of the elbow and attaches the humerus to a bone in the forearm, providing stability for the elbow. Name this ligament, which is replaced by a wrist tendon in Tommy John Surgery.

ANSWER: Ulnar Collateral Ligament or Medial Collateral Ligament

3. Related pharaohs, FTSNOP.

(10) He relocated the Egyptian capital away from Thebes as part of his effort to promote monotheistic worship of the sun god Aten.

ANSWER: Akhenaton or Akhenaten or Amenhotep IV

(5) The son of Akhenaton, he moved the capital back to Thebes and restored the power of the priesthood. Of course he is better known for the tomb Howard Carter excavated.

ANSWER: Tutankhamun (prompt on "Tut")

(15) This name is given to the period in which Akhenaton and Tutankhamun rules. It is named for the city that Akhenaton built as his new capital.

ANSWER: Amarna Period

4. Identify these works of John Milton, FTPE.

(10) Milton writes of the title character "eyeless in Gaza, at the mill with slaves." In it, we see the destruction of the Temple to Dagon as a supreme act of redemption.

ANSWER: Samson Agonistes (accept "Samson the Athlete" or "Samson the Wrestler")

(10) Written during the English Civil War, this classically-titled tract argues against the censorship of printed media.

ANSWER: Areopagitica

(10) Published in the *Second Folio*, this sixteen line poem says of the titular playwright, "Thou in our wonder and astonishment/ hast built thyself a long-lived monument."

ANSWER: "On Shakespeare"

5. Answer the following about an economic/ecological concept, FTPE.

(10) Using the metaphor of herdsmen raising cattle on a common pasture, it states that the man's rational desire for increasing individual gains will eventually exhaust the limited resources that everyone must share.

ANSWER: tragedy of the commons

(10) Also the author of *Living on a Lifeboat*, he discussed the tragedy of the commons in a 1968 essay of the same name.

ANSWER: Garrett **Hardin**

(10) Because of his essay, "The Tragedy of the Commons," Hardin frequently has been labeled a new school follower of this author of "An Essay on the Principle of Population."

ANSWER: Thomas **Malthus**

6. Name the following reactions from organic chemistry, FTPE:

(10) This is the alkylation or acylation of aromatic compounds with alkyl or acyl halides in the presence of aluminum chloride. For example, benzene reacts with t-butyl chloride to give t-butylbenzene.

ANSWER: **Friedel-Crafts** alkylation/acylation

(10) An example of a nucleophilic substitution reaction, it produces an ether using an alkyl halide and an alkoxide in an alcohol solvent.

ANSWER: **Williamson** ether synthesis

(10) It refluxes a carboxylic acid and an alcohol in the presence of an acid catalyst to form an ester. Examples include the formation of benzocaine by addition of ethanol to p-aminobenzoic acid.

ANSWER: **Fischer** esterification

7. Name these Greek comedies from plot summaries, FTPE.

(10) Dionysus goes to the underworld, where he is greeted by a chorus of the titular creatures. The high point of this play comes when Euripides and Aeschylus bitch at each other over who the better playwright is.

ANSWER: *The **Frogs***

(10) Trygaeus rides a dung beetle to heaven as part of his quest to free the titular goddess from a pit covered in rocks.

ANSWER: ***Peace*** or ***Eirene***

(10) The rich boy Sostratos falls in love with Myrrhine, threatening the solitary existence of her father, Knemon, the gruff title character.

ANSWER: *The **Grouch*** or ***Dyskolos***

8. Stuff about limits from astrophysics, FTPE.

(10) This limit is used to determine when a smaller body, orbiting a larger body with a gradually reducing radius of orbit, will collapse. It is equal 2.45 times the radius of the larger body.

ANSWER: **Roche's** limit

(10) Represented by a capital "N" it represents the point when the gravitational potential energy and mass increase to a "critical mass," causing a star to collapse.

ANSWER: **Chandrasekhar** limit

(10) A star approaches the Chandrasekhar limit as its core fills up with this element. The star will not fuse heavier elements, because that would use up energy, and not release it.

ANSWER: **iron**

9. Identify these medieval sects of Christianity, FTPE.

(10) They were founded in Lyon around 1170 and named for their founder. Declared heretics at the Fourth Lateran Council, they stressed poverty and public preaching.

ANSWER: **Waldensians**

(10) Named after a 10th Century Bulgarian priest, this Slavic group was an offshoot of the Byzantine Paulicians, and also borrowed from Gnosticism and Manichaeism.

ANSWER: **Bogomils**

(10) Flourishing in southern France in the late 12th Century, they believed in a dualist system where God created spiritual things and Satan created worldly things. They were later rooted out by a crusade that bears their name.

ANSWER: **Albigensians** or **Albigenses** or **Cathars**

10. Name these Japanese novels, FTPE.

(10) Shimamura, the protagonist of this Kawabata novel, returns to the title location and is reminded of his past affair with the geisha Komako.

ANSWER: ***Snow Country***

(10) Set in the aftermath of Hiroshima, this Masuji Ibuse novel tells how radiation sickness has haunted the life of Yasuko. Its title refers to fallout and ash-ridden precipitate that fell after the bombing.

ANSWER: **Black Rain**

(10) *Spring Snow* is the first work in this four part Mishima series, which also includes *Runaway Horses* and *The Temple of Dawn*

ANSWER: **The Sea of Fertility**

11. Identify these related things in physics, FTPE

(10) Also called the rigidity, it measures a material's change in shape in reaction to tangential stress.

ANSWER: **Shear** modulus

(10) This gives the change in volume of a solid substance as the pressure on it is changed.

ANSWER: **Bulk** modulus

(10) Similar to the shear modulus, this number measures a material's strain in response to normal stress.

ANSWER: **Young's** modulus

12. 18th Century treaties, FTPE.

(10) This 1748 treaty gave Silesia and Glatz to Prussia.

ANSWER: Treaty of **Aix-la-Chapelle**

(10) In this commercial treaty, England agreed to favor Portuguese wine in exchange for a trade advantage on English textiles in the Portuguese market.

ANSWER: Treaty of **Methuen**

(10) France ceded numerous territories to England in this 1713 treaty that ended the War of Spanish Succession.

ANSWER: Treaty of **Utrecht**

13. Answer the following about a philosophical concept, FTPE.

(10) Literally translated as "being-there," this term describes the unique relationship that arises between a person who is conscious of both his own existence and that of the world surrounding him.

ANSWER: **dasein**

(10) This best-known Martin Heidegger book, as its title suggests, establishes *dasein* as a temporally based phenomenon.

ANSWER: **Being and Time** or **Sein und Zeit**

(10) This philosopher defined *dasein* simply as a minimal form of awareness centered on the practical and scientific levels, contrasting it to the spiritually oriented *existenz*. He also wrote *Man in the Modern Age*.

ANSWER: Karl **Jaspers**

14. Identify these mythological figures associated with snakes, FTPE.

(10) This Greek was able to understand the language of animals after snakes licked his ears clean.

ANSWER: **Melampus**

(10) This "feathered serpent" god left the Aztec empire on a raft made of snakes, promising to return from exile one day.

ANSWER: **Quetzalcoatl**

(10) According to Khmer myth, Cambodia was founded when a Hindu prince named Preah Thong married a princess from this serpentine race. Statues of them can be found at Khmer temples, including Angkor Wat.

ANSWER: **Naga**

15. Utopian communities from 19th Century America, FTPE.

(10) Originally centered around the Ebenezer colony in New York, this socialist community was run by German immigrants and moved to its present home in Iowa in 1855.

ANSWER: **Amana**

(10) Founded by John Humphrey Noyes, this New York community revolved around the theme of free love, though its legacy now appears in glassware and silverware.

ANSWER: **Oneida**

(10) Robert Owen took over this Indiana town with the ambition of developing a society with free education and no social classes.

ANSWER: New Harmony

16. Name these porn stars who have done other things besides getting nailed on camera, FTPE.

(10) This star of lesbian videos was once married to West Coast Choppers owner Jesse James. She also appeared in a nurse's outfit on the album cover of Blink 182's *Enema of the State*.

ANSWER: Janine Lindemulder (accept either)

(10) Her porn career has been far less noteworthy than her attempt to run for governor of California during the October 2003 recall election.

ANSWER: Mary Carey Cook (accept either underlined name)

(10) This woman, who died in a 2002 car accident, became an anti-porn advocate in the years after she starred in *Deep Throat*.

ANSWER: Linda Lovelace or Linda Boreman

17. Name these writers who were relatives of other writers, FTP each:

(10) The writer J.S. Le Fanu, one of whose tales in the collection *In a Glass Darkly* inspired *Dracula*, was a great-grand-nephew of this author of the comedies *The School for Scandal* and *The Rivals*.

ANSWER: Richard Brinsley Sheridan

(10) In 1849 this novelist of *The Egoist* married Mary Ellen Nicols, making him the son-in-law of the novelist Thomas Love Peacock.

ANSWER: George Meredith

(10) His daughter Erica married the poet W.H. Auden and his brother Heinrich was also a noted novelist. His own novels include *Buddenbrooks* and *Death in Venice*.

ANSWER: Thomas Mann

18. Dada artist from works, FTPE.

(10) *Studies in Symmetry, The Bird Thrice with Itself, Configuration*.

ANSWER: Hans (or Jean) Arp

(10) *The Chess Players, Fountain, Nude Descending a Staircase*.

ANSWER: Marcel Duchamp

(10) *Dadaville, Fruit of a Long Experience, Ein Kupferblech, Aquis Submersus*.

ANSWER: Max Ernst

19. Answer the following about a short story and its author, FTSNOP.

(10) In this story, a man with a dull life imagines he is a fighter pilot, a doctor, among other occupation, while running errands at Waterbury with his overbearing wife.

ANSWER: "The Secret Life of Walter Mitty"

(5) This American humorist wrote "The Secret Life of Walter Mitty."

ANSWER: James Thurber

(10) Thurber co authored this work satirizing trendy Freudian psychoanalysts and their focus on the biological and psychological role of lust, to which the titular question may have been a response.

ANSWER: Is Sex Necessary? Or, Why You Feel the Way You Do

(5) Thurber's collaborator on *Is Sex Necessary?* was this author of *Charlotte's Web*.

ANSWER: Elwyn Brooks (EB) White

20. Identify these American feminists FTP each.

(10) A founder of the American Woman Suffrage Association, she started an eponymous movement when she chose to keep her surname after marriage.

ANSWER: Lucy Stone

(10) The first President of NOW, she wrote *The Feminine Mystique* and *The Second Stage*.

ANSWER: Betty Friedan

(10) She left her position as dean of Northwestern University's Woman's College to work for the Women's Christian Temperance Union, which she led from 1879-1898.

ANSWER: Frances Willard