

Buzzerfest VII: 15 Minutes to Wapner

Edited by Chris Frankel

Packet by Nathan Freeburg and Andy Wang

Tossups

1. The participants were organized into units known as *demes* although scholars still debate whether they were part of an organized city militia. When Eudaemon ordered the execution of seven thugs, two were saved when the scaffold broke and they hid at the Church of St. Lawrence. The condemned men were supported by two rival factions, who united in protest, forming a mob that took Hypatius to be declared emperor in the Hippodrome and adopting a motto meaning "Victory!" FTP, name this chariot-racing fan revolt of the Blues and Greens against Justinian.

ANSWER: Nika Revolt

2. This piece originally was intended to be a reworking of the piano suite *Iberia*, but when Ferdinand Arbos was given the rights to the work, the composer wrote an entirely original piece. Described by the composer as an "orchestrated crescendo" with a sudden modulation in E-major acting as the single break in playing of the C major theme, it has been cited as evidence that its composer suffered from Alzheimer's, as its main melody is repeated 18 times without alteration. Commissioned by the dancer Ida Rubenstein and influenced by traditional Spanish music, FTP, this is what best known piece by Maurice Ravel?

ANSWER: Bolero

3. This result was first elucidated in 1828's *An Essay on the Applications of Mathematical Analysis to the theories of Electricity and Magnetism* and holds for positively oriented, piecewise smooth, simple closed planar curves. The theorem is a simplification of a derivation from the fundamental theorem of calculus which relates the surface integral of the curl of a vector field to the line integral of a boundary. A connection between the area of a region and the line integral around its boundary, FTP what is this theorem, a special case of the general Stokes' Theorem?

ANSWER: Green's Theorem

4. Eugene O'Neill's plays *Diff'rent* and *Recklessness* are based on this character's story. A parallel to her within in the play is her dog Diana, who gets knocked up by a mongrel. Dumped by her fiancé when she made him jump over a whip, she fears the Count, her father, but still manages to get all hot and bothered from dancing. When the cook, Kristin, falls asleep on Midsummer's Eve, this character consummates her affair with the valet, Jean, with whom she plans to run away to Switzerland. Killing her bird to prove her unrequited love before her own suicide, FTP, name this titular subject of an August Strindberg play.

ANSWER: Miss Julie or Froken Julie

5. It prohibits the keeping of two blood-sisters as simultaneous wives and allows men to declare a divorce by repeating a phrase three times. Two of its interpretations that have evolved are the Hanafi and Maliki schools, and its legitimacy comes from such sources as *ijma*, a consensus among authorities, and *qiyas*, or the analysis of traditional texts. Distinguished from the secular *Fiqh*, it also derives its authority from the *sunnah*, or actions of Muhammed, as well as the Quran itself. FTP, give this term for religious Muslim law.

ANSWER: Sharia or Shariah

6. Its popular name was coined in the middle of the 19th Century by Baron Ferdinand von Richthofen. Its 15th Century decline precipitated sharply after Mongol conquests as well as earlier with the fall of the Tang. In the 2nd Century B.C., Han Wudi sent Zhang Qian on a mission to the Western Regions and he became the first man known to traverse its full length. Reaching its apex under the Roman trade with the Han, FTP, this is what Chinese commercial route, named for its most important commodity?

ANSWER: Silk Road

7. At the start of the second morning, the narrator describes looking "at a world unknown" with "no cloud above, no earth below." Introduced with quotes from Cornelius Agrippa's *Occult Philosophy* and a poem

by Ralph Waldo Emerson, this poem includes scenes of the schoolmaster teasing the cat and telling anecdotes of Dartmouth life, the narrator's virgin aunt telling innocent stories from her youth, and the mother's tale of a hungry fisherman being saved by Heaven that hints at the poet's own Quaker beliefs. Chronicling a family's efforts to pass the time inside during a week of inclement weather, this is, FTP, what John Greenleaf Whittier poem about a winter storm?

ANSWER: "Snowbound"

8. The highest point in this nation's Toricelli Mountains is the 14,762 foot summit of Mount Wilhelm. Buka, Manus, New Hanover, and Fergusson, are some of the smaller islands of this nation, whose flag depicts a bird of paradise over red and the Southern Cross constellation over black. Goodenough, Mussau, New Ireland, New Britain, and Bougainville are its major secondary islands, which are located between the Bismarck and Solomon Seas. Separated from Australia by the Torres Strait, this is, FTP, what nation of Oceania that shares its namesake island with Indonesia and has a capital at Port Moresby.

ANSWER: Papua New Guinea

9. This scientific phenomenon currently is used for the detection and quantification of corrosion and cracking in multi-layer aluminum aircraft structures, a technology known as PEC testing. In the electromagnetic sense, Lenz's law holds that a moving magnetic field which induces it. In fluid dynamics the phenomenon is manifested as fluid flows past an object which leads to flow in the direction opposite of flow. FTP, name this four letter scientific term that generally refers to small reverse currents.

ANSWER: Eddy current (FYI: PEC stands for Pulsed Eddy current)

10. Described as having the head of a camel and the ears of a cow, they come in five types, including those that control the wind and rain, those that deepen rivers and seas, those that guard gods and rulers, and the first one, which filled the hole in the sky made by the monster, Kung Kung, and then appeared to the emperor, Fu-Hsi. Covered with the 117 scales of the carp, they have the eyes of demons but are generally benevolent and can fly without wings. Celebrated in Chinese New Year's parades, FTP, what are these mythical creatures, which may or may not be able to breathe fire?

ANSWER: dragons

11. To achieve peace and calm, people in this novel perform the Taylor Exercises. First published in translation, in English, due to repression in its home language, it follows an engineer on a spaceship known as the Integral, which was built under the rule of the Benefactor. The protagonist's main squeeze is O-90, but it is the love of I-330 that introduces him to the rebellion against OneState. Written as an early response to the Russian Revolution, FTP, what is this dystopic novel about D-503, written by Yevgeny Zamyatin, with only a first person pronoun as its title?

ANSWER: We or My

12. Its author was the chronicler of the monastery at Monte St. Agnes, and Agatha Christie's Miss Marple reads a chapter of this book every night before bed. Citing from Ruysbroeck, Meister Eckhart, Bernard of Clairvaux and Augustine, as well as much of the New Testament, it has final section discuss the Eucharist, while the first parts are concerned with the Spiritual and Inner Lives. A collection of paragraph-long religious statements, FTP, this is what devotional Christian work, written by Thomas a' Kempis?

ANSWER: *Of the Imitation of Christ or The Following of Christ or Imitatio Christi*

13. He was mentored by Joel Poinsett, who placed him under Joseph Nicolett for a Corps of Topographical Engineers project in the Minnesota and Dakota territories. In his later years he served as governor of the Arizona territory, though he had more memorable terms as a territorial governor, and later, senator of California. Famous for such endeavors as an epic midwinter crossing of the Sierra Nevada Mountains in 1843 and a survey of the Oregon Trail, which earned him his popular nickname, FTP, who was this first presidential candidate of the Republican Party, often called "The Pathfinder?"

ANSWER: John Charles Fremont

14. Its most famous single part is probably the luxurious Malachite Room, which briefly served as the meeting place for the interim government during its nation's revolution. The original architect of this Baroque three story structure was Francesco Rastrelli, but countless engineers, architects, and designers

collaborated on this green and white home on the Neva River. Built for the Empress Elizabeth and possessing 1,057 rooms, it features the Alexander Column in its courtyard, and is now part of the Hermitage art museum. FTP, name this St. Petersburg landmark and former royal residence.

ANSWER: The *Winter Palace* or *Zimni Dvorets*

15. It is activated via the Protein Kinase C channel for the latent Epstein-Barr. Its first main stage is "Attachment" in which binding sites find matching receptor sites on the host cell. Then, "Penetration" involves the injection of DNA into the host cell. The third stage, "Biosynthesis," involves the sub-stages of genome replication, transcription and translation. Tending to kill its host cells immediately, as opposed to the lysogenic cycle, FTP, what is this mechanism of viral reproduction?

ANSWER: lytic cycle

16. She is told that her suitor's protestations of love "but breathe like sanctified and pious bonds, the better to beguile," to which she replies that does not know whether to believe his "many tenders of his affection to me." Her father intercepts her lover's letter to her in which he declares that he loves her "best, O, most best!" and addresses her as "most beautified." However, her suitor's denial of his love for her and the declaration that she should "get thee to a nunnery" precipitate her suicide by drowning. FTP, name this sister of Laertes, daughter of Polonius, and love object of Hamlet.

ANSWER: Ophelia

17. Its introduction laments that "the typical businessman is a bad citizen" and that "the typical American is a businessman." The author notes that the Scandinavians in Minneapolis and Scotch Presbyterians in Pittsburgh contributed to the "misgovernment of the American people" while "mongrel-bred" cities like Chicago and New York were more reform minded because of the "foreign element." The series began with an observation of a 1902 visit to St. Louis and included articles about rampant corruption at five more urban areas. Published two years before its author's *The Struggle for Self-Government*, FTP, what is this collection of muckracking articles written by Lincoln Steffens?

ANSWER: The *Shame of the Cities*

18. Hegel denied that it possessed self-consciousness in his *Philosophy of World History*. In a theory criticized in Plato's *Phaedo*, it is a moving principle which initiates a vortex in chaos, thus shaping the world. Aristotle placed it in the realms of the rational soul, assigning it the ability to recall forms, derive forms from sensation, and make judgments. In the *Enneads*, Plotinus links it to the world soul and the One, of which it is a reflection. First associated with Anaxagoras, FTP, what is this four-letter concept, the Greek word for "mind?"

ANSWER: nous

19. He enhanced the royal treasury through a heavy taxation of the Church, which was led by his chief minister, Ranulf Flambard. This king refused to allow the appointment of Anselm, the Abbot of Bec, to the archbishopric of Canterbury and developed his primacy over his two brothers after the younger, Henry, only inherited 5000 pounds of silver and the older sold his inheritance, Normandy. This son of Mathilda of Flanders put down the rebellion of his uncle, Odo, the bishop of Bayeux, but was slain in the New Forest by a mysterious arrow while hunting. FTP, name this second son of and successor to William the Conqueror.

ANSWER: William II or William Rufus or Rufus the Red

20. A derivative of ornithine, this chemical can be isolated from its natural state by methods like supercritical CO₂ extraction. Found in traces in plants of the Solanaceae family, such as tomatoes and green peppers, this alkaloid, with chemical composition of C₁₀H₁₄N₂, affects the body by causing a discharge of epinephrine from the adrenal cortex, stimulating the central nervous system and other endocrine glands, and creating a sudden release of glucose followed by depression and fatigue. Used as a pesticide and known for its addictive tendencies, FTP, what is this substance most commonly found in tobacco?

ANSWER: nicotine (accept its chemical formula on an early buzz)

21. Colonel Ben leads a futile charge as only he reaches the Union line and with his last ounce of energy, he places the Confederate colors into the barrel of a Federal artillery piece. After the war, he returns home and various tragedies befall his family, such as when his sister Flora jumps from a high cliff after the former family slave, Gus, attempts to rape her. These scenes, as well as Colonel Cameron's leading the Klan in an epic battle to save the town from freed blacks are in, FTP, what racist 1915 epic directed by D.W. Griffith?

ANSWER: *The Birth of a Nation*

Buzzerfest VII: 15 Minutes to Wapner

Edited by Chris Frankel

Packet by Nathan Freeburg and Andy Wang

Bonuses

1. Looks like Matt Weiner's habit of dressing up in fursuits and soliciting sex has brought some sticky legal problems. Identify the legal principle involved, given a situation in which Weiner finds himself, FTPE.

(10) Matt likes to host furry sex parties at his ranch home in rural Virginia. However, the government decides his ranch is blocking construction of a freeway and kicks him off the land after giving him money equal to the land's market value.

ANSWER: **eminent domain**

(10) Weiner buys a used car so he can travel to a furry sex convention. When the car dies on him right after its purchase, Weiner complains to the dealer, who responds by telling him this two word Latin phrase.

ANSWER: **caveat emptor** (prompt on "buyer beware")

(10) Weiner is arrested after the FBI raids his furry convention and finds bestiality porn on him, but is held in custody without being charged with a crime. His lawyer demands he be charged or released.

ANSWER: **habeas corpus**

2. Answer the following about B vitamin deficiencies, FTPE.

(10) A deficiency of this vitamin, which is found primarily in meat, eggs, and dairy products, leads to pernicious anemia. Prolonged deficiency may also cause neurological damage, which could explain why so many vegans are retards.

ANSWER: vitamin **B12** or **cobalamin**

(10) Skin lesions, diarrhea, and in extreme cases, dementia, are among the symptoms of this disease caused by niacin deficiency.

ANSWER: **pellagra**

(10) Deficiency of this vitamin, also known as B9, can lead to premature delivery, low birth rate, and neural tube defects, which is why pregnant women often take supplements of it.

ANSWER: **folic acid**

3. Stuff about the Third Republic, FTPE

(10) On February 12, 1871, this man was elected the first president of France's Third Republic.

ANSWER: Louis Adolphe **Thiers**

(10) One of Thiers' first acts was to suppress this 81 member council, led by Louis-August Blanqui, that sought to resist the Republic and promote socialist government. It lasted from March to May 1871.

ANSWER: **Paris Commune**

(10) The Third Republic ended when it was voted out of existence and replaced by this controversial regime led by Henri Petain.

ANSWER: **Vichy** government

4. Identify these works by Albrecht Durer, FTPE.

(10) Famine and Death are among those holding various weapons while they trample a bunch of poor saps in this engraving.

ANSWER: *The **Four Horsemen of the Apocalypse***

(10) In this copper engraving, one of the three titular figures is on horseback looking straight ahead while an old bearded guy is checking him out and a creature with a goat-head is looking on.

ANSWER: **Knight, Death and the Devil**

(10) Durer's most famous painting is *Feast of Rose Garlands* but he made an excellent black-chalk drawing of this Dutch humanist and author of *Morae Encomium*.

ANSWER: Desiderius **Erasmus**

5. Answer the following concerning Shinto, FTSNOP.

(10) This Japanese sun goddess often is considered the most important Shinto deity.

ANSWER: **Amateratsu**

(15) The primary record of Shinto belief, customs and history is in this collection, drawn up by imperial edict in 712.

ANSWER: Kojiki or Records of Ancient Matters

(5) In 1946 this Japanese emperor disavowed his Shinto divinity.

ANSWER: Hirohito

6. Answer the following about a British poem, FTPE.

(10) This 1860 poem about a man regretting his request for immortality drew from a classical myth about a lover of Eos who was granted eternal life, but not eternal youth, and turned into a grasshopper.

ANSWER: "Tithonus"

(10) "Tithonus" was written by this poet of "Locksley Hall," "The Lady of Shalott," and "Crossing the Bar."

ANSWER: Alfred Lord Tennyson

(10) The fourth line of the poem became the title of this Aldous Huxley novel about millionaire Jo Stoyte's efforts to achieve immortality through the scientific efforts of Dr. Obispo.

ANSWER: After Many a Summer Dies the Swan

7. Stuff about a physics thingy named after a Nobel Prize winner, FTPE.

(10) This phenomenon was discovered because its namesake physicist noticed that the $2p(1/2)$ state of the hydrogen electron was slightly lower than that of the $2s(1/2)$ state.

ANSWER: Lamb shift

(10) The Lamb shift should not have happened according to this equation, which states that the energy levels of the hydrogen electron should depend only on the principal quantum number.

ANSWER: Schrodinger Equation

(10) The exchange forces in the Lamb shift can be described visually in these diagrams, devised by the titular physicist for QED.

ANSWER: Feynman diagrams

8. Frog political theorists, FTSNOP.

(10) He earned wide acclaim for his *Persian Letters*, but it was his *The Spirit of the Laws* which influenced the American Constitution.

ANSWER: Charles Louis de Secondat, Baron de la Brede et de Montesquieu (accept either name)

(15) The style of his *Funeral Orations* is rightly praised, but it is for his *Discourse on Universal History* and *Politics Derived from Holy Writ* that this 17th Century advocate of absolutism is best known.

ANSWER: Jacque Benigne Bossuet

(5) His self-aggrandizing *Confessions*, the novels *Julie* and *Emile*, and *The Social Contract* are all puzzlingly popular.

ANSWER: Jean Jacques Rousseau

9. Answer the following about the Flavian Dynasty, FTPE.

(10) By overthrowing Vitellius, this proconsul in Africa and Judaea became the founder of the dynasty.

ANSWER: Titus Flavius Vespasianus

(10) The second son of Vespasian, this unpopular last Flavian ruler erected the Arch of Titus in honor of his older brother even though he had left the imperial treasury in awful shape.

ANSWER: Titus Flavius Domitianus

(10) The inauguration of this man, the first of the "Five Good Emperors," marked the end of the Flavian Dynasty. He reformed the financial system, tolerated Christianity and adopted Trajan as his successor.

ANSWER: Marcus Cocceius Nerva

10. Answer the following concerning a work of American literature, FTPE.

(10) Published in the volume *Tales of Soldiers and Civilians*, it is an account of a spy escaping, but the escape is the hallucination of the condemned man prior to execution.

ANSWER: "An Occurrence at Owl Creek Bridge"

(10) Which author, who later disappeared in Mexico, wrote "An Occurrence at Owl Creek Bridge?"

ANSWER: Ambrose Bierce

(10) Name the doomed spy and protagonist of the story.

ANSWER: Peyton Farquhar (accept either name)

11. Paul Hindemith compositions, FTPE:

(10) Hindemith wrote this opera and then re-scored it as a symphony. It concerns the painter of the *Isenheim Altarpiece* but deals with his career as a peasant rebel.

ANSWER: Mathis der Maler or Mathis the Painter

(10) Hindemith channeled Walt Whitman for this choral eulogy on the death of Franklin Roosevelt.

ANSWER: When Lilacs Last in the Dooryard Bloom'd

(10) The song-cycles *Das Marienleben* and *Six Chansons* are based on the work of this poet.

ANSWER: Rainer Maria Rilke

12. British military leaders during the American Revolution, FTPE.

(10) Appointed the head of British military forces in North America in 1763, he became military governor of Massachusetts in 1774. He ordered the raids on Lexington and Concord.

ANSWER: General Thomas Gage

(10) This admiral defended British-held Newport from a French fleet, then was replaced by John Byron.

He is probably Leo Wolpert's favorite historical figure because of his nickname, Black Dick.

ANSWER: Richard Howe

(10) Known as the "Green Dragon" and reputation for his cruelty to prisoners, this over-asked figure lost at Cowpens and then published a military history of the southern campaign.

ANSWER: Sir Banastre Tarleton

13. Name these songs from the Grand Theft Auto: Vice City soundtrack. 10 from lyrics, 5 from the artist.

(10) "Josie's on a vacation far away / Come around and talk it over / So many things that I want to say / You know I like my girls a little bit older"

(5) The Outfield

ANSWER: "Your Love"

(10) "I've lost and found, it's my final mistake / She's loving by proxy, no give and all take / 'cuz I've been thrilled to fantasy one too many times"

(5) Cutting Crew

ANSWER: "I Just Died in Your Arms"

(10) "You're motoring / What's your price for flight? / In finding Mr. Right / You'll be all right tonight"

(5) Night Ranger

ANSWER: "Sister Christian"

14. Answer the following about *The Satyricon*, FTSNOP.

(5) This *arbiter elegantiae* of Nero wrote *The Satyricon*.

ANSWER: Gaius Petronius Arbiter

(10) A major section of the work follows an absurdly decadent feast given by this wealthy freedman.

ANSWER: Trimalchio

(15) The two main characters, Encolpius and Ascyltos, are in a gay love triangle revolving around this youthful boy toy.

ANSWER: Giton

15. Name these glacial features FTPE.

(10) Often grouped as fields, these are small mounds of till and bedrock. Their typical tear drop shapes usually point to the source of a retreating glacier, distinguishing them from the similar *roche moutonnées*

ANSWER: drumlin

(10) Sinuous ridges of mainly sand and gravel, these result from the exposure of deposited sediments that flowed in subglacial channels. They are often grouped with kames.

ANSWER: esker

(10) Snowfall is the most important source of mass for glaciers. This is the term used to denote the intermediate stage of compaction and recrystallization that snow must undergo to become ice.

ANSWER: firn

16. Name these notable cupbearers, FTPE.

(10) This son of Hachaliah was cupbearer to Artaxerxes but is better known for re-building the wall around Jerusalem, which takes place in his eponymous book that follows Ezra.

ANSWER: Nehemiah

(10) Cupbearer to the king of Kish, he was found as a baby in a basket flowing down the river. More importantly, he founded the Akkadian empire.

ANSWER: Sargon I or Sargon the Great

(10) Cupbearer to the inhabitants of Olympus, she married Heracles after he achieved immortality. To the Romans she was known as Juventas.

ANSWER: Hebe

17. Stuff about a wrong answer Nathan once gave to a tossup on the Zamboni Machine, 15 points each.

(15) Icing a hockey rink has nothing to do with this method for extracting sulfur from subsurface deposits. It consists of three pipes sunk into the sulfur bed. One pipe pumps in heated water while another carries compressed air, forcing the melted sulfur up the third pipe.

ANSWER: Frasch process

(15) In this method of extracting sulfur from the surface, the ores are piled in a mound and ignited, from which the sulfur is collected in gaseous form.

ANSWER: Sicilian method

18. African empires, FTPE.

(10) This trading empire operated in Ethiopia and became Christian under King Azana. It centuries later declined as Islam began to spread in the region.

ANSWER: Axum or Aksum

(10) Dominated by the Kanuri tribe, it began its expansion under Dibbalemi, and reached its greatest extent under Idris Alawma. It is named for the two different capitals it had during its history.

ANSWER: Kanem-Bornu

(10) Defeated by the Almoravids around 1100, this empire of the Soninke tribe was named for the hereditary king of Kumbi Saleh.

ANSWER: Ghana

19. Works by Nikolay Gogol, FTPE.

(10) Subtitled "A Poem", this story sees some dark shit happen to Piskaryov on the titular St. Petersburg street.

ANSWER: "Nevsky Prospect"

(10) Poor clerk Akaky Akakiyevich has a prized garment stolen. He dies after being treated like shit by the Person of Consequence, then returns as a ghost.

ANSWER: "The Overcoat"

(10) In this novella, the titular Cossack kills his son Andrei in battle and watches the Poles torture his other son, Ostap.

ANSWER: Taras Bulba

20. 18. Name these couples from Greek mythology, FTPE. You need both members to get the 10 points.

(10) These old farts show hospitality to Zeus and Hermes, who reward them by turning them into intertwining trees when they die.

ANSWER: Baucis and Philemon

(10) The husband doesn't want to die, so his loyal wife offers to die in his place. Heracles makes things end happily ever after by going to Hades and bringing her back.

ANSWER: Admetus and Alcestis

(10) She was a priestess of Aphrodite who lived in a tower; he would swim across the Hellespont nightly to see her.

ANSWER: Hero and Leander