

## **Buzzerfest VII: 15 Minutes to Wapner**

Edited by Chris Frankel

Packet by Chris Frankel

### Tossups

1. In a review written in 1843, he called *Past and Present* by Thomas Carlyle “the only work worth reading.” He wrote for such newspapers as the *Volunteer Journal for Lancashire and Cheshire* and the *Manchester Guardian*, around the time he became involved in the Chartist movement. Better known for collaborations that produced *The Holy Family* and *A Critique of the German Ideology*, he wrote *The Condition of the Working Class in England*. FTP, who was this man who co-wrote the *Communist Manifesto* with Karl Marx?

ANSWER: Friedrich Engels

2. When multiplied by the Vant Hoff factor and a solvent-specific constant, “K,” this quantity, used primarily in calculations involving colligative properties, can be used to determine the change in the freezing or boiling point of a solvent, as it is temperature independent. Denoted with a lowercase “m,” FTP, what is this ratio that divides the number of moles in a solute over the mass of a solvent in kilograms, not to be confused with molarity?

ANSWER: molality

3. The husband of the protagonist of this play worked for a banana company and was killed while performing a smuggling run. Overcome by grief, the protagonist keeps her husband’s ashes near a statue of Mary, behaves in an overprotective manner when her daughter falls for a sailor named Jack, and experiences a decline in the quality of her sewing. However the arrival of Alvaro Mangiacavallo, a clownish truck driver with a resemblance to the late Rosario, makes Serafina fall in love again. FTP, name this Tennessee Williams play whose title refers to a symbol that was inscribed on Rosario’s chest.

ANSWER: *The* Rose Tattoo

4. According to Sima Qian, they moved their capital six times, including once at Ao; and their final capital was established by Pan Geng, who moved it from Zhengzhou. Though they were previously thought to be mythical like their predecessors, their existence was confirmed by the presence of inscriptions on bronze relics, oracle bones, and turtle shells. FTP, name this ancient Chinese dynasty that preceded the Zhou and ruled from roughly 1700 to 1050 BC.

ANSWER: Shang Dynasty

5. At the start of Act III, the Red Indian rushes in with the news that Franta is too wasted to perform the Bear Dance, so the ringmaster and Esmeralda coerce one of the main characters to take his place. In the soprano aria “*Ten Lasky Sen*,” the title character accuses her lover of selling her out, when in actuality he had created a scheme to lead to their eventual marriage. At the end, Vasek makes an ass of himself by showing up in a bear fursuit, and it is agreed that Marenka no longer has to marry him, and can marry her love Jenik instead. FTP, name this Bedrich Smetana opera revolving around the marriage rights to Marenka.

ANSWER: *The* Bartered Bride

6. At age 80, this journalist wrote an autobiography called *All in the Day's Work*, and had earlier written biographies of Abraham Lincoln, Madame Roland, and Elbert Gary, the founder of USX. The only female in the class of 1880 at Allegheny College, she saw her father put out of business by the Southern Improvement Company, which may have provided the motivation for her *magnum opus*, an expose on its founder. A colleague of Ray Baker and Lincoln Steffens at *McClure's Magazine*, FTP, who was this muckraker behind *A History of the Standard Oil Company*?

ANSWER: Ida Minerva Tarbell

7. Ranier Maria Rilke began writing *The Duino Elegies* while translating this work, whose 12th section recounts a dream of a young man dressed in white. As its 29th section mentions, a key motif in this work is

the number nine: the author had a vision of his love in the ninth hour of the day; she was the ninth of the sixty ladies he praised in a *serventese* he mentions in the sixth section, and the second section mentions how he had met her when she was nine years old. Some of the poems that appear in it include a sonnet to the author's friend Guido Cavalcanti, as well as *canzones* written in praise of and mourning the death of his love. FTP, name this collection of writings about Beatrice Portinari, written by Dante.

ANSWER: La Vita Nuova or The New Life

8. When observed in conjunction with the Doppler effect, this effect was employed as a means of measuring the gravitational redshift from the top of a Harvard tower in the Pound and Rebka experiment, as it is the basis for the spectroscopy method of the same name. The small natural line width for 14.4 keV (kilo electron volt) emissions in Iron 57 makes the presence of this effect in the isotope a popular study. FTP, name this effect that causes the recoil-free emission and absorption of gamma rays in a radioactive solid.

ANSWER: Mossbauer effect

9. The site of two AD 69 battles involving Vitellius' men\*, this city was the home of such luminaries as the writer of *Summa Decretorum*, Sicardus; a 10th Century bishop and historian named Liutprand, and a prolific 12th Century scholar of Arabic named Gerard. Containing one of the tallest bell-towers in Europe, the Torrazzo, this city is located in the Lombardy region along the left bank of the Po River. FTP, name this Italian city that was also the home of such famous violin makers as Guarneri and Stradivari.

ANSWER: Cremona (accept "Bedriacum" until the \*, prompt on it after)

10. Shortly after his birth, he took residence at Mount Helicon, where he created the fountains of Aganippe and Hippocrene, whose waters were said to inspire poetic ability. One day, while drinking at the spring of Peirene in Corinth, he was subdued to assist a hero in a quest to save Lycia from a monster, after which he killed his captor and ascended to Olympus. The offspring of Poseidon, he, along with Chrysaor, sprung forth when his mother was decapitated by Perseus. FTP, name this legendary winged horse from Greek mythology.

ANSWER: Pegasus

11. The bacterium that causes yellow vine disease primarily affects this tissue, which as a result loses its healthy translucent, green color, and turns golden-brown. The symplasmic pathway of its loading process involves continuous diffusion through the plasmodesmata, while the apoplasmic loading process uses active transport. Its companion cells regulate the metabolism of the nucleus-free sieve tubes, which serve as vessels for the movement of carbohydrates. FTP, name this type of vascular tissue that transports sugars and nutrients throughout plants.

ANSWER: phloem

12. In the first chapter of *The Power of One*, Peekay is put on trial in the shower and subjected to this act at the hands of the Judge and his friends, with his derisive childhood nickname subsequently derived from it. In Chapter 12 of *Ulysses*, the anonymous narrator comes back to an argument between Leopold Bloom and the citizen after going off to perform this act, which he coarsely describes doing so with difficulty. In a humorously exaggerated scene, Gargantua kills hundreds of thousands of people when he climbs up the towers of Notre Dame de Paris, performs this act, and causes an unsanitary deluge. FTP, name this excretory act that only men can perform while standing.

ANSWER: urination (accept obvious synonyms)

13. After this event occurred, the proposed Wagner-Rogers bill sought to offer refuge to its victims, but failed largely because of isolationist lobbying. Historian Walter Pehle has accused the public at the time of tacitly endorsing the event by referring to it by a festive name, which was probably coined by Walter Funk at a meeting on November 12. A reaction to the assassination of Ernst vom Ram by Herschel Grynszpan, FTP, what was this November 9, 1938 riot against Jewish interests in Germany, whose name refers to the broken glass windows of Jewish shops?

ANSWER: Kristallnacht

14. Contained within its 1430 pages are several thousand hymns, roughly 900 of which were contributed by fifteen Bhagats and seventeen Bhats. Hymns are arranged according to meter and authorship of the poems, but the main classification is determined by which of the 31 ragas they use. The original version, compiled in 1603 by Arjan, focused on the teachings of his four predecessors, including Guru Nanak. FTP, what is this sacred text of Sikhism?

ANSWER: Guru Granth Sahib or Adi Granth

15. After a series of tense negotiations, the body of this man was shipped to Trieste on the Novara, the same ship that had brought him to North America, following his death on the Hill of Bells. After losing his position as governor general of Lombardo-Venetia, he traveled to Brazil, and took his most famous title when he returned. He and his supporters made a last stand at Querataro, where he was captured, and despite the pleas of such figures as Victor Hugo and Giuseppe Garibaldi, his execution was ordered by Benito Juarez. FTP, name this Hapsburg who briefly ruled as Emperor of Mexico.

ANSWER: Maximilian I or Maximilian of Hapsburg

16. His real name is Robin, though he is parodied as the foolish Simpkin after offending one of his companions. A stout, burly fellow with a beard as red as any sow or fox, and a distinctive wart on his nose, he gets drunk on Ale of Southwark and, despite the pleas of the Host, interrupts the Monk so he can make fun of the Reeve and tell a bawdy story about Absalom, Nicholas, and Allison. FTP, name this pilgrim whose story follows "The Knight's Tale" in the Canterbury Tales, the ill-mannered owner of a granary.

ANSWER: the Miller

17. In the upper left background a castle stands atop a heavily wooded hill, while the upper right background features a church in a less foliated background. The foreground features a white well with a horse and several human figures carved into its front, while a baby climbs up in the center and dips his right arm into its waters. A woman in an elegant white dress is perched on the left side of the well, and a bare-breasted woman in only a loincloth and a flowing red sheet sits on the right, creating the contrast indicated by the title. FTP, name this painting about the earthly and spiritual aspects of love, a work of Titian.

ANSWER: Sacred and Profane Love

18. The sum of it and the Dirichlet lambda function at  $n$  equals twice the value of the Dirichlet eta function at  $n$ . Using the Wallis Formula, its derivative at 0 can be solved directly, giving a result of  $-1/2 \ln(2\pi)$  [negative one half times the natural log of 2 pi]. Its value at 3 is irrational, as proven by Apéry's theorem. Defined as the sum of  $1/n^s$  [one over  $n$  to the  $s$ ] from 1 to infinity, where  $s$  represents any complex number, FTP, what is this function, that according to an unproven hypothesis, has trivial zeros which occur at all negative even integers and form a critical line with real part  $1/2$ ?

ANSWER: Riemann zeta function

19. Selected texts they wrote that were compiled by Andrew Sharp include *A Remonstrance Of Many Thousand Citizens* and *An Arrow Against All Tyrants*. They published a newspaper called *The Moderate*, though in later years several of their leaders were convicted of conspiracy charges and exiled to the Netherlands. They faced opposition from Bishop Ireton during the Putney debates, and their leaders included William Wallwyn, John Lilburne and Richard Overton, who helped collaborate on *The Agreement of the People*. FTP, name this group who, along with the Agitators and the Diggers, sought to bring populist reform to post-Civil War England.

ANSWER: Levellers

20. The research for this work was not conducted in its subject nation, but in California, and mainly involved the analysis of propaganda films and diaries confiscated from enemy soldiers. It discusses strict adherence to traditions such as deference to elders and the social superiority of men over women to illustrate the role of order and hierarchy in the society. It also emphasizes the cultural importance of fulfilling one's unspoken obligations acquired through everyday social interaction, or *giri*. Commissioned by the Office of War Information in 1946, FTP, what is this now-discredited anthropological study of Japanese culture by Ruth Benedict?

ANSWER: *The Chrysanthemum and the Sword*

21. Act Three begins in Syria, where Silius urges on a further attack as the body of Pacorus is brought in and victory over the Parthians is celebrated, but he is rebuffed by Ventidius. The act ends with Thyreus being whipped by one of the title characters, an action that, in conjunction with a foolish decision to fight at sea, prompts Enobarbus to desert his commander in light of the disastrous defeat at Actium. FTP, name this William Shakespeare play about a Roman leader and his love affair with an Egyptian queen.

ANSWER: *Antony and Cleopatra*

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### Bonuses

1. Answer these questions about Gabriela Mistral, FTPE.

(10) Published in Madrid in 1924, two years after *Desolación*, this poetry collection focuses primarily on childhood themes.

ANSWER: Ternura or Tenderness

(10) This Chilean Prize-winning series of three poems expressed her feelings over the suicide of a lover.

ANSWER: Sonetos de la Muerte or Sonnets of Death

(10) Gabriela Mistral was a *nom de plume* formed by combining the first name of an Italian author and politician with the last name of a Provencal poet and 1904 Nobel Prize winner. Name either one.

ANSWER: Gabriele D'Annunzio or Frederic Mistral (prompt on "Mistral," obviously)

2. Answer these questions about a kickass phylum.

(10) They have radial symmetry and undergo polyp and medusa phases in development. Members include the corals, sea anemone, and hydras.

ANSWER: Cnidaria or Coelenterata

(10) One of the distinguishing factors of Cnidarians is the presence of these stinging cells.

ANSWER: nematocysts

(10) A close evolutionary offshoot of Cnidaria, this mini-phylum consists of the comb jellies.

ANSWER: Ctenophora

3. Name these Biblical women who are said to be ancestors of Jesus, FTSNOP.

(5) She had an adulterous affair with David, which led to David's plot to have her husband Uriah killed.

ANSWER: Bathsheba

(10) Originally from Moab, this widow followed her mother-in-law, Naomi, to Israel, where she met her new husband, Boaz.

ANSWER: Ruth

(15) Her first husband Er died, and her second husband Onan kept pulling out, so she couldn't have a kid. After God killed Onan, she finally got pregnant by tricking her father-in-law Judah into sleeping with her.

ANSWER: Tamar

4. Scandinavian composers, FTPE.

(10) Johan Sebastian Bach made a famous trip to Lubeck to see a performance at the Marienkirche by this Danish-German organist.

ANSWER: Dietrich Buxtehude

(10) Of this Danish composer's six symphonies, his most celebrated are his second, *The Four*

*Temperaments*, his fourth, *The Inextinguishable*, and his fifth, which was composed after World War I.

ANSWER: Carl Nielsen

(10) He wrote two suites revolving around the Norwegian folk hero Peer Gynt, one of which features the section, "In the Hall of the Mountain King."

ANSWER: Edvard Grieg

5. Treaties from the Napoleonic Wars, FTPE.

(10) Signed between Austria and France in 1797, it ended the Italian campaign and left France only at war with England.

ANSWER: Treaty of Campo Formio

(10) Signed after Austerlitz, it saw various Austrian lands in Italy ceded to France, and led to the dissolution of the Holy Roman Empire and creation of the Confederation of the Rhine.

ANSWER Treaty of Pressburg

(10) The effects of these treaties included Russia's recognition of the Grand Duchy of Warsaw and the establishment of an alliance between Napoleon and Alexander I.



ANSWER: Treaties of Tilsit

6. Stuff about winds, FTPE.

(10) This belt of calm, low pressure winds is centered just around the equator and serves as the spawning ground for most hurricanes.

ANSWER: doldrums

(10) The doldrums are surrounded to the north and south by these winds, which in turn are surrounded by the high pressure horse latitudes. They earned their name from the way they propelled merchant ships toward land.

ANSWER: trade winds

(10) These groups of winds, named for its discoverer, act in a range from the equator to the 30 degree latitudes, and carry warm, tropical air to the tropopause in a loop. They meet the Ferrell cells at the horse latitudes.

ANSWER: Hadley cells

7. In case you weren't aware, the subtitle of this tournament is a reference to Doug O'Neal's favorite movie, *Rain Man*. FTPE:

(10) This Dustin Hoffman-played subject of *Rain Man* is the autistic brother of Charlie Babbitt. Unlike in Doug O'Neal's case, his pathetic social ignorance is actually somewhat charming and endearing.

ANSWER: Raymond Babbitt

(10) Instead of giggling at asinine comments bashing ACF and posting about his masturbation habits to Usenet, Raymond prefers to amuse himself by listening to this baseball-inspired comedy routine.

ANSWER: Who's on First?

(10) In the early parts of the movie, Charlie kidnaps Raymond from this mental institution, a home for "special people." We only wish that Doug O'Neal would check into such a place and disappear.

ANSWER: Wallbrook

8. Name these Jewish title characters, FTPE.

(10) This Brooklyn native becomes an apprentice to Jacob Kahn, angering his Hasidic father Aryeh, who views painting as a worthless and sacrilegious pursuit.

ANSWER: Asher Lev

(10) His wife Elka constantly cheats on him, and reveals on her deathbed that he fathered none of their children. Nonetheless, this short story character, the laughingstock of Frampol, remains optimistic.

ANSWER: Gimpel the Fool or Reb Gimpel

(10) Just like Leo Wolpert, this character whines to his therapist about how his overbearing mother has made him lash out in the form of wanton sex acts, like beating off with his sister's bra or a piece of liver.

ANSWER: Alexander Portnoy

9. Answer the following about a Roman historian, FTPE.

(10) A loyalist to Caesar, he served as a territorial governor in Numidia, in addition to being the first historian to write monographs on specific historical events and personas.

ANSWER: Gaius Sallustius Crispus

(10) One of Sallust's major works was on this partisan of Sulla whose conspiracy was exposed by Cicero.

ANSWER: Catiline (accept "Lucius Sergius Catilina")

(10) Sallust's other major work dealt with the Roman war against this illegitimate grandson of Masinissa and king of Numidia.

ANSWER: Jugurtha

10. Answer the following about a quantity from physics, FTPE.

(10) Measuring in terms of energy unit per charge, this quantity describes voltage generated either by a changing current or magnetic field.

ANSWER: electromotive force or emf (do not prompt on "force")

(10) Related to the Peltier effect, this effect describes how emf can be generated between two different metals as a result of a temperature gradient.

ANSWER: Seebeck effect

(10) This term describes a device that uses the potential difference generated in a circuit of two different metals to measure temperature.

ANSWER: thermocouple

11. Some random philosophy stuff, FTPE.

(10) This 13th Century work in four parts attempts to lay out the doctrines of the Catholic faith in rational terms.

ANSWER: Summa Theologica

(10) Often linked with scholasticism, this belief system merging Christian tenets with Aristotelianism was named for the author of the *Summa Theologica*.

ANSWER: Thomism

(10) This American philosopher has experienced a well-documented conversion from Marxism to Thomism, as can be seen by comparing 1981's *After Virtue* to his later work, *Whose Justice, Which Rationality?*

ANSWER: Alisdair MacIntyre

12. Name these paintings featuring people who are drunk, though not as much as Chris Frankel will be tonight, FTPE.

(10) The goatee-wearing subject of this Franz Hals portrait wears a large black hat to go with his yellowish-brown costume and frilly white collar. His right palm is outstretched and his left hand holds a glass of beer.

ANSWER: *The Jolly Toper* or *The Merry Drinker* (accept variants)

(10) In this Edgar Degas painting, a woman in a drunken stupor sits in a booth between an empty table and a scruffy bearded man. Placed in front of her on the table is the title object, filled with its potent green liquid.

ANSWER: *The Glass of Absinthe* or *L'Absinthe* or *Absinthe Drinker*

(10) This Van Gogh painting shows a bunch of drunks slumped at their tables in the titular location. In the center, a man in a white suit stands next to a well-lit pool table.

ANSWER: *The Night Cafe*

13. Stuff about electron shells, FTPE.

(10) This rule, whose name is derived from German, states that electrons fill out their orbitals in order, starting with the ones of the lowest energy.

ANSWER: aufbau principle

(10) This adjective describes orbitals of equal energy levels.

ANSWER: degenerate

(10) According to this rule, one electron must be present in each orbital of a subshell before a pair of electrons can fill the same orbital.

ANSWER: Hund's rule

14. One-hit-wonders: Nobody really cares who these guys were, but each of them mainly is remembered for a single famous quote. 10 from biographical descriptions, 5 if you need the famous quote.

(10) Born to a Catholic family, he was a Liberal member of Parliament and close friend of William Gladstone. He also edited *The Rambler*.

(5) Invariably some douche in a politics class will try to sound profound by reminding us that "Power corrupts and absolute power corrupts absolutely."

ANSWER: John Emerich Edward Dalberg (Lord) Acton

(10) In his early years he was a submarine captain in World War I, but decades later he became a pacifist, helping to produce the Stuttgart Confession of Guilt and winning the 1967 Lenin Peace Prize.

(5) People who like to complain a lot will often justify themselves with his lines, "I didn't speak up for the Jews because I wasn't a Jew... Then they came for me, and by that time there was no one left to speak up for me."

ANSWER: Pastor Martin Niemoller

(10) Even Karl Marx ripped on this anarchist wacko, writing *The Poverty of Philosophy* as a direct criticism to his *The Philosophy of Poverty*.

(5) At the Junior Anarchists' club you may hear someone say, "Theft," this man's answer to "What is Property?"

ANSWER: Pierre-Joseph Proudhon

15. British satirists, FTPE.

(10) He satirized Lewis Theobald and Colley Cibber in the *Dunciad*, in addition to writing "Essay on Criticism" and "Essay on Man."

ANSWER: Alexander Pope

(10) This satirist and contemporary of Pope created the character John Bull in a series of five pamphlets. He is also the addressee of an epistle by Pope.

ANSWER: John Arbuthnot

(10) This literary club included Pope and Arbuthnot, along with John Gay, Thomas Parnell, and Jonathan Swift. It took its name from a work mocking "false tastes in learning."

ANSWER: "Scriblerus" club

16. 20th Century leaders of Southeast Asian countries, FTPE.

(10) One of the founders of the People's Action Party, he served as Singapore's prime minister from 1959 to 1990.

ANSWER: Lee Kwan Yew

(10) Known as the "Father of Independence" in his country, he was prime minister of the Federation of Malaysia from 1957-1963, and was the first prime minister when the country simply became "Malaysia."

ANSWER: Tunku Abdul Rahman Putra Al-Haj

(10) He helped his nation break away from Dutch control and became Indonesia's first president in 1945.

ANSWER: Achmad Sukarno

17. This author of *Childhood and Society* argued that psychosocial development occurs in a series of eight stages.

(10) Name this German-born psychoanalyst.

ANSWER: Erik Erikson

(10) Erikson coined this two word term, which refers to a struggle that occurs during the teenage years, where an adolescent must establish his role for adulthood and answer the question, "Who am I?"

ANSWER: identity crisis

(5,5) These two conditions characterize Erikson's final stage of life. If an individual is able to accept the life he has led, he will be fulfilled and experience the former; if not, he will experience the latter and feel regret and hopelessness. 5 points for each.

ANSWER: ego identity and despair

18. Answer the following about a story from Norse myth, FTPE.

(10) This fertility goddess and wife of Thor was renowned for her luxurious golden hair.

ANSWER: Sif

(10) This trickster god decided to play a prank by cutting off Sif's hair while she slept.

ANSWER: Loki

(10) To keep Thor from kicking the shit out of him, Loki went to this abode of the dark elves, where he had some dwarves make a wig for Sif out of gold, as well as a spear for Odin and a magic boat for Frey.

ANSWER: Svartalfheim (do NOT accept "Alfheim")

19. Answer these questions about a play, FTSNOP.

(10) The title characters are the Prozorovs, who dream of escaping their small provincial army town for Moscow, but remain stuck in their drab lives as the army moves away.

ANSWER: *The* Three Sisters

(5, 10) 5 for two, 10 for all three, name the Prozorov sisters.

ANSWER: Irina, Masha, Olga

(10) Stuck in a boring marriage to the schoolteacher Kulygin, Masha begins an affair with this colonel, who leaves her behind when his regiment is transferred to Poland.

ANSWER: Alexandr Ignatyevich Vershinin



20. Stuff about John Brown, FTPE.

(10) In response to an attack on Lawrence, Brown led a band of men that killed five proslavery settlers at the namesake creek, resulting in this May 24, 1856 “massacre.”

ANSWER: Pottawatomie Massacre

(10) Brown had settled in this free-soil Kansas town a year earlier in 1855. He gained the nickname “Old \_\_\_\_\_ Brown” after he helped defend it from pro-slavery attackers.

ANSWER: Osawatomie

(10) Gerrit Smith, Theodore Parker, and Samuel Gridley Howe were allegedly members of this group that conspired to fund Brown’s activities.

ANSWER: Secret Six