

OOT 2017
Packet 11 - Editors 5

Edited by Oliver Clarke, George Corfield, Charlie Clegg, Daoud Jackson, Chris Stern and Spencer Weinreich.
Questions also written by Eric Mukherjee, Thomas De Bock, Isaac Brown.

The last tossup in the last packet should have been: Titus Oates

Tossups

1. **This man described his passion for audio systems in “Living with Music”, and in one of his short stories, a vulture causes a plane to crash into a farm field. This author’s rebuttal of Irving Howe’s “Black Boys and Native Sons” is published in *Shadow and Act*. In addition to “Flying Home,” this man wrote a novel whose protagonist tries to “yes” the Brotherhood to death, having been kicked out of college for introducing (*) Mr. Norton to Jim Trueblood. That character maims Ras the Exhorter during a riot, and beats up a man for bumping into him as though he cannot be seen. For 10 points, the “Battle Royal” chapter opens *Invisible Man*, a novel by what American writer?**

ANSWER: Ralph Waldo Ellison (do not accept Ralph Waldo Emerson)

2. **When this film’s protagonist quotes Nathaniel Hawthorne, another character responds “What’s the matter, smartass, you don’t know any Shakespeare?” One character in this film asks if the protagonist is “on his period” after he orders a cranberry juice. The protagonist and antagonist clash at the top of a building in this film, and the protagonist is shot coming out of an (*) elevator shortly afterward. The Dropkick Murphys achieved their first Platinum single after the use of their song “I’m Shipping Up to Boston” in this film. For 10 points, name this 2006 Martin Scorsese film featuring undercover cops in Boston and starring Matt Damon and Leonardo DiCaprio.**

ANSWER: The Departed

3. **A long running series of coins issued by this man and his two sons and successors show a standing male captive and sitting female captive bound by a palm tree on the reverse side. This man made his name as legate with the Second Legion under Aulus Plautius, reaching as far as Isca, having captured oppida such as Maiden Castle along the way. The Temple of Peace in Rome was built by this man from the proceeds of the sack of (*) Jerusalem. Suetonius wrote that this man’s final words were “an emperor ought to die standing upright”. The first emperor to be succeeded by his son, for 10 points, name this first man of the Flavian dynasty, father of Titus.**

ANSWER: Titus Flāvius Caesar Vespasiānus

4. **In Chapter 2 of *Kant and the Platypus*, Umberto Eco focuses on this philosopher’s reading of Kant as the basis for his semiotics, which included a tenfold system to describe signs based on their “interpretant” “object” and “sign-vehicle” or “representamen”. In another work, this thinker argued that drawing of inferences was “not so much a natural gift as a long and difficult art” and that “the method of (*) scientific investigation” was the best but not a perfect method for the titular “Fixation of Belief.” For 10 points, name this early American philosopher who formulated the pragmatic maxim in “How To Make Our Ideas Clear”.**

ANSWER: Charles Sanders Peirce [pronounced "purse"]

5. **An author with this surname described a scene in D.C. in which theatregoers barely take notice of their vomiting neighbour. The author of *Domestic Manners of the Americas* shares this last name with an author who was attacked for making sure to write 250 words every 15 minutes for three hours a day. A novel by an author with this surname concerns an attempt, aided by Tom Towers of *The Jupiter*, to redistribute the alms of an institution attacked by (*) John Bold. That author with this surname created Septimus Harding, the title *Warden* of Hiram’s Hospital. For 10 points, give this surname shared by Fanny and her son, Anthony, the author of the *Chronicles of Barsetshire*.**

ANSWER: Trollope

6. **The increased propensity to produce smaller numbers of larger offspring at a greater density is the namesake “syndrome” of these ecosystems. The decreased extinction rates seen in certain examples of these ecosystems is explained by the Rescue Effect. In these ecosystems, predators tend to become smaller and prey larger in accordance with (*) Foster’s Rule.** Robert MacArthur and E. O. Wilson developed a theory of the biogeography of these ecosystems. Defined ecologically as a suitable habitat surrounded by an unsuitable habitat, for 10 points name these ecosystems typically comprising an area of land surrounded by water such as in the Galapagos.

ANSWER: Islands [or insular environment, I guess accept archipelago too]

7. **This artist used Watteau’s *A Pierrot* as the basis for a quintuple portrait in which Kai Boyt takes the place of Pierrot. This artist included a dying pot plant on a wicker stand on the right side of a double portrait of a reclining man and his dog, *David and Eli*. This artist’s early works include a profile portrait of his wife Kitty Garman and this artist depicted the obese (*) Sue Tilley sleeping naked on a couch in a work that broke the record for the cost of a work by a living artist when sold in 2008. One member of a notable Anglo-German family, for 10 points, name this figurative portraitist of *Benefits Supervisor Sleeping*.**

ANSWER: Lucian Michael Freud

8. **This figure’s abduction was, according to Herodotus, used to justify Paris taking Helen from Sparta. In Hesiod’s *Theogony*, this figure is one of the divine mothers who bore children to mortal heroes, but in many versions, she is a magic-wielding mortal. This woman uses her skills to restore youth to her lover’s father, and then tricks the daughters of his king into killing that man, (*) Pelias.** This figure appears aloft, a position normally reserved for gods, having murdered Glauce and her own children, in her grandfather’s chariot at the end of the Euripides’ eponymous play. The daughter of Aeëtes, descended from Helios, for 10 points, name this sorceress from Colchis who married Jason.

ANSWER: Medea

9. **The first museum for these objects was based in Petersfield, Hampshire and one of these objects owned by Donald Campbell was dubbed “Mr. Whoppit” and was produced in Ironbridge. Hermann Berg, brother of Alban, ordered 3,000 of the “55 PB” type of these objects to be sent to America; those objects, which may have sunk in the Atlantic, were based on a design of Richard (*) Steiff.** Morris Mitchom was inspired to create this object after seeing a cartoon in the *Washington Post* of the President sparing an animal in Mississippi. For 10 points, name these stuffed toys jokingly named for Theodore Roosevelt.

ANSWER: teddy bear

10. **Pounding timpani alternates with upward flourishes from woodwinds and cymbals at the beginning of a piano concerto by this composer. After being kicked out of the first recording of one of his pieces, this composer had to be invited back to play its brief celesta solo. At a premieres, this composer improvised various parts for the (*) soloist and only wrote down a full score after the performance.** That premiere occurred at the concert *An Experiment in Modern Music* after Paul Whiteman had commissioned this composer’s most famous piece. A trill followed by a seventeen note glissando by a clarinet opens, for 10 points, which composer’s *Rhapsody in Blue*.

ANSWER: George Jacob Gershwin

11. **Lev Lipatov partially names the DGLAP and BFKL equations, which describe evolution of systems due to this interaction. Hideki Yukawa erroneously proposed the pion as this interaction’s exchange particle. The SU(3) gauge theory which describes this interaction gives rise to (*) asymptotic freedom and confinement.** The gauge boson of this force also participates in it, since like quarks, gluons carry colour charge. For 10 points, name this force of the standard model governed by quantum chromodynamics which explains the binding of protons and neutrons in atomic nuclei.

ANSWER: (Nuclear) **Strong** force/interaction (prompt on Quantum chromodynamics before theory)

12. **Excavations at the Terra Amata site show that Paleolithic humans built structures to protect against this phenomenon. It's not rain, but this phenomenon can help to cause widespread flooding in the "Cévenol Episode". The "Mas" farmhouse traditionally faces south to avoid the effects of this phenomenon and several bell towers such as that at Ramatuelle are designed to counteract this phenomenon. The (*) Venturi Effect created around the Gulf of Lion [lee-on] and the funnelling effect of the Rhone valley are thought to speed this wind. With a name in Languedocien meaning "masterly", for 10 points, name this strongest wind of southern France.**

ANSWER: The **Mistral** (prompt on "wind" before mention)

13. **One set of prayers said during this holiday commemorates a "willow ceremony," while another invites in seven shepherds or "exalted guests." Pilgrimage rituals at the Pool of Siloam are celebrated in the "Rejoicing of the Water-Drawing House" during this holiday, often held beneath a (*) s'chach [ss-hakh]. This "Feast of Ingathering" is described in Exodus 34. This festival ends with Shemini Atzeret and Simchat Torah and the *aravah*, *hadass*, *lulav* and *etrog* collectively known as the Four Species are waved around on this holiday. For ten points, identify this Jewish harvest holiday, named for the booths constructed during it.**

ANSWER: **Sukkot** (or **Sukkos**; accept "**Feast of Booths**" or "**Feast of Tabernacles**;" accept "**Feast of the Ingathering**" until mentioned)

14. **Ibrahim the Mad reversed Murad IV's ban on this material, replacing it with a tax. This product was prepared by "sweating," ideally until "in case." During the American Revolution, British soldiers destroyed supplies of this product in a namesake "War," and James Bonsack and the slave Stephan improved the (*) curing and preparing of this material, farmed on a consignment system in the Chesapeake region. John Rolfe established Varina Farms Plantation to export this crop, which was defended by Anthony Chute and attacked in a *Counterblaste* by James I, who banned it. For 10 points, name this primary cash crop of colonial Virginia.**

ANSWER: **tobacco** [accept *Nicotiana tabacum*]

15. **Descriptive answers acceptable. It is argued that the paradox of the green-beard effect can be explained by examining it through this paradigm. Stephen Jay Gould disagreed with the "strict adaptationism" entailed in this paradigm, accusing its proponents of (*) "Darwinian Fundamentalism" and arguing that a more hierarchical approach was needed in interpreting the problem. The most famous proponent of this idea further developed it in a follow up book, *The Extended Phenotype*. For 10 points, name this idea that coding sequences of DNA are the level at which natural selection acts, a view most famously expounded by Richard Dawkins in his best-selling book of the same name.**

ANSWER: The **Selfish Gene** [or **gene-centred** view of evolution or **gene's-eye view** or **gene-selection** theory, or any descriptive answer which indicates that the gene is what natural selection acts upon]

16. **This man wrote a collection of 72 dialogues whose title translates as "It is what it is". In one work this poet spoke of sewing his eyes shut in this world and the next, and in another suggested that "Silence is the language of god. All else is poor translation." This poet thought "His essence speaks through me, I have been looking for myself!" after he ended his mournful searching for his mentor (*) Shams-e-Tabriz in Damascus. Whilst in Konya, this author wrote of the mournful song of the reed flute as it sings of its separation in a poem which begins his 6 book *Masnavi*. For 10 points name this Persian Sufi, one of America's best selling poets.**

ANSWER: **Rumi** [or **Jalal ad-Din** Muhammad Balkhi; or Jalal ad-Din Muhammad **Rumi**; or **Mowlana**]

17. **One participant in this event was returned in special election following it but died of croup before he was able to take his seat. Anson Burlingame challenged one participant in this event to a duel with rifles on Niagara Falls and Congressman Laurence M. Keitt's advice on duelling helped to decide the nature of this event. After an object used in this event (*) broke, pieces of it were made into rings of gutta-percha for**

those who sought to express solidarity with Andrew Butler's cousin. For 10 points, Preston Brooks injured himself with his backswing during which violent response to the "Crime against Kansas" speech by a Massachusetts senator.

ANSWER: caning Charles Sumner (prompt on caning, prompt on attacking Charles Sumner)

18. **This metal is found tethered to a cysteine thiolate ligand at the active site of cytochrome P450. This is the lighter of the two metals found in the cofactor of an enzyme which reduces gaseous nitrogen to ammonia. That enzyme which contains seven atoms of this metal is nitrogenase.** (*) Siderophores such as enterobactin strongly bind the 3+ ion of this metal. The isomerisation of citrate to isocitrate is catalysed by a cluster of this element and sulfur in aconitase. A histidine coordinated residue of this metal binds irreversibly with carbon monoxide and is used for oxygen transport. For 10 points, name this metal found at the centre of the porphyrin rings in haemoglobin.

ANSWER: Iron [prompt on Fe]

19. **This man set one play during an 1826 cholera outbreak, in which only Lisa is aware of the impending disaster, while in one novel by this author of *Children of the Sun*, Nilovna becomes politicized by her son Pavel. One of this man's characters, Tanya, flirts with a group of imprisoned bakers, and he recalled frogs falling into a grave in the first of his three memoirs, *My Childhood*. This author's most famous play ends with the (*) Baron bringing news of the Actor's suicide, after the disappearance of the idealist Luka from a dingy boarding-house.** For 10 points, name this Soviet socialist realist author of "Twenty-Six Men and a Girl" and *The Lower Depths*.

ANSWER: Maxim Gorky [or Alexei Maximovich Peshkov]

20. **This name is the first word of the subtitle of Haydn's last opera, *L'anima del filosofo*. In one work, Public Opinion explains that a character with this name is hated by his wife, who loves a shepherd. That character with this name conspires with Pluton to kill his wife. Another character with this name sits on a tomb during the mourning song** (*) "Ah, se intorno," and sings four arias to the Furies, after which he witnesses the Dance of the Blessed Spirits. A character with this name interrupts the "Galop Infernal," better known as the can-can. For 10 points, give this name, titling operas by Offenbach, Monteverdi, and Gluck, who paired it with "Euridice."

ANSWER: Orpheus [accept Orphée or Orfeo; accept Orphée aux enfers, Orpheus in the Underworld, Orfeo ed Euridice, Orpheus and Eurydice, or L'Orfeo]

Tiebreaker

21. A man of this name, known as al-Sadiq, founded the school of Islamic jurisprudence most commonly followed by Twelver Shi'a. That man who adopted the doctrine of *taqqiya* was the sixth Imam. One man of this name credited with convincing the Caliph to open Baghdad's first paper mill after the battle of Talas, served as vizier under that caliph who had him put to death for apparently sleeping with his sister, Harun al-Rashid. That historical figure with this name lends his name to a character voiced by Jonathan Freeman who is the chief vizier of Agrabah. For 10 points, give the name of the Disney villain who with his parrot Iago schemes to have Aladdin killed.

ANSWER: Jafar

Bonuses

1. Answer the following about the post-translational modification of proteins. For 10 points each:

[10] Bridges containing this element may be oxidised or reduced to change a protein's conformation. Of the 20 standard amino acids, this element is only found in cysteine and methionine.

ANSWER: Sulphur

[10] This molecule may be tagged to a protein to target it for degradation in the proteasome. This molecule is first activated, then conjugated, then ligated using the enzyme E1, E2 and E3 respectively

ANSWER: Ubiquitin

[10] Arginine residues may be de-aminated and converted to this non-standard amino acid. This amino acid is found in the urea cycle and antibodies against peptides containing this amino acid are a diagnostic test for rheumatoid arthritis.

ANSWER: Citrulline

2. Name some countries where there are more goats than people, for ten points each.

[10] There are six times as many goats as people in this country, threatened by *zud* winters. This country's capital does not belong to any *aimag*, though it is entirely surrounded by Töv aimag, also home to the Khentii Mountains and the Tuul River, a tributary of the Orkhon.

ANSWER: Mongolia

[10] Two-thirds of this country is desert or semi-desert, with only 5.6% of the land being arable. The flooding of the Niger river creates the Inland Delta or Macina in this country, not far from its highest point, Mount Hombori.

ANSWER: Republic of Mali

[10] This country's Merowe Dam, built on the 4th cataract of the Nile, is the largest hydropower project in Africa; the Blue and White Niles meet at the capital of this country.

ANSWER: as-Sudan [accept "North Sudan", "Republic of the Sudan", or "Jumhuriyyat as-Sudan", do not accept or prompt on answers mentioning "South Sudan"]

3. During the Battle of Niš [niche], this man deserted from the forces of Murad II. For 10 points each

[10] Name this man, who was captain general of the League of Lezhe and led its forces to victory at Torvioll in 1444.

ANSWER: Skanderbeg (accept George Castriot)

[10] This successor of Murad II ordered invasions of Albania repeatedly to fight Skanderbeg, without much success. This man's loss at Polog was lessened by his conquest of Constantinople weeks later.

ANSWER: Mehmed II (accept the Conqueror)

[10] Skanderbeg had tricky relations with the Venetians, whose major possession in Albania was this town. Once the Greek port of Epidamnus, it took until 1501 for the Ottomans to capture this city.

ANSWER: Durazzo (accept Durres and Dyrrachium)

4. As this character is dying, she asks for color: "Bring me a little lavender in, if you got any. Pink, if you don't." For 10 points each:

[10] Name this former slave from the Sweet Home plantation, who holds open-air religious meetings for the black community, in which worshippers dance, laugh, cry, and sing.

ANSWER: Baby Suggs [accept either underlined part]

[10] Baby Suggs is the mother of this character, a runaway who killed her eldest daughter to prevent the Schoolteacher bringing her back to slavery. Based on Margaret Garner, this woman is the lover of Paul D and the mother of Denver.

ANSWER: Sethe

[10] Baby Suggs and Sethe both appear in this award-winning Toni Morrison novel, titled for the single word on the slain child's tombstone.

ANSWER: Beloved

5. Three of these people are brought to Europe and are surprised to find that a king is surrounded by men who are more physically powerful than he is. For 10 points each:

[10] Name these people, who are described as being savage "only in the same way that we call fruits wild." The essay titled for these people ends by ironically criticising them for not wearing breeches.

ANSWER: cannibals [Accept *Des cannibales*; accept Tupinambá people; prompt on "Brazilians"]

[10] This French Renaissance philosopher and onetime mayor of Toulouse wrote about cannibals, cultural relativism, and many other topics in his *Essais*, or "attempts." He famously asked, "What do I know?"

ANSWER: Michel Eyquem de Montaigne

[10] The image of an untilled field begins Montaigne's essay usually translated as "Of" this concept. Bertrand Russell wrote an essay entitled *In Praise of* this concept.

ANSWER: **idleness** [Accept *L'oisiveté*]

6. In 2012, elderly parishioner Cecilia Giménez "restored" this Elías García Martínez fresco in Borja, Spain. For ten points each:

[10] Name this "restored" painting, described as "crayon sketch of a very hairy monkey in an ill-fitting tunic" after it became an internet sensation.

ANSWER: **Ecce Homo** [or **Behold the Man**]

[10] In 1994, the Metropolitan Museum of Art removed a halo, determined to be a later addition, from this Petrus Christi painting, notable for including a *trompe l'oeil* fly.

ANSWER: **Portrait of a Carthusian**

[10] 18th-century attempts to "restore" this much-abused Leonardo mural included Michelangelo Bellotti covering it in a layer of oil, and Giuseppe Mazza dousing it in caustic soda because he thought it was a fresco.

ANSWER: *The* **Last Supper** [or *L'Ultima Cena*]

7. The 1815 *Instructions to Surgeons* suggested giving soldiers "a drachm [dram] of bark in half a gill of sound wine", but by the 1840s this was being replaced by commercial products. For 10 points each:

[10] An 1854 paper by Alexander Bryson was titled "On the Prophylactic Influence of" what medicine? It was used to treat malaria and isolated from the cinchona tree.

ANSWER: **quinine**

[10] The 1841 Niger Expedition had a case-fatality rate of 31% for malaria, higher than would be expected given no treatment, largely because of the use of this mercury-containing mineral, taken as a purgative.

ANSWER: **calomel** (prompt on **Mercury(I) chloride**)

[10] After the Niger Expedition, James McWilliam described the failure of David Boswell Reid's system to achieve this on the boats. Reid imposed the octagonal Central Tower of the Palace of Westminster on Charles Barry to achieve this.

ANSWER: **ventilation** (accept **air purification**, **air filtration**, and other word variants)

8. For 10 points each, answer the following on Kenko's *Essays in Idleness*:

[10] The *zuihitsu* style of the *Essays in Idleness* means that Kenko frequently wrote contradictory statements, such as when he both suggests the horrors of this activity and advocates forcing others to do this. The word *Symposium* literally means doing this activity communally..

ANSWER: **drinking** alcohol (accept clear equivalents)

[10] Kenko writes that "Branches about to blossom or gardens strewn with faded flowers are worthier of our admiration." This is an expression of this aesthetic value, roughly translated as "austere beauty" and frequently paired with a rhyming concept translated as "rustic patina".

ANSWER: **wabi**

[10] Kenko writes that "A man should avoid displaying deep familiarity with any subject" a sentiment Donald Keene compares to those contained in this Mantuan's "The Book of the Courtier."

ANSWER: Baldessare **Castiglione**

9. Name some things about bears in the Bible. For 10 points each:

[10] A second of four creatures "like a bear" appears in this book's seventh chapter during which "one like a son of man" also shows up. This book's namesake major prophet is a Jewish exile in the Babylonian court.

ANSWER: **Daniel**

[10] "As if a man did flee from a lion and a bear met him" is an image for "the Day of the Lord" used in which book? This book is often considered to be by the oldest of the writing prophets.

ANSWER: **Amos**

[10] In II Kings, angry she-bears maul 40 disrespectful yobbos after they insult this successor of Elijah about his baldness.

ANSWER: **Elisha**

10. This piece was completed in the Grand Hotel, Eastbourne. For 10 points each:

[10] Name these “three symphonic sketches” by Debussy, whose movements use evocation rather than onomatopoeia to evoke their titular subject.

ANSWER: *La Mer* [or *The Sea*]

[10] Elgar quoted this maritime concert overture by Mendelssohn in the *Enigma Variations*. This work is based on verses by Goethe which Beethoven had adapted as a cantata with the same name.

ANSWER: *Calm Sea and Prosperous Voyage* [or *Meeresstille und glückliche Fahrt*]

[10] This British composer’s first symphony includes text by Walt Whitman and is titled for the Sea. This composer’s other works include *Fantasy on a Theme by Thomas Tallis* and *The Lark Ascending*.

ANSWER: Ralph Vaughan Williams

11. Answer some questions about what it took to get a Confederate soldier outfitted for battle in the American Civil War. For 10 points each.

[10] Unsurprisingly, Confederate uniforms were often made out of this material, the staple crop of the Confederacy.

ANSWER: cotton

[10] Materials for uniforms and equipment were hard to come by in the Confederacy due to the Union blockade, which, coupled with an attack down the Mississippi River, was integral to this strategy, proposed by Winfield Scott.

ANSWER: Anaconda Plan [do not accept or prompt on “Operation Anaconda”]

[10] Because of the difficulty in acquiring dyes, not all Confederate uniforms were grey. Homemade dyes made from walnut hulls, acorns, and lye produced this characteristic light tan color.

ANSWER: butternut

12. ROMP, ADMET and Ethenolysis are classes of this reaction, whose mechanism includes the 2 + 2 cycloaddition of an alkene to a metal alkylidene to form a metallocyclobutane intermediate. For 10 points each:

[10] The Chauvin mechanism describes this reaction, typically catalysed by Grubbs or Schrock catalysts, which redistributes the fragments on alkenes.

ANSWER: Olefin Metathesis

[10] All three generations of the Grubbs catalyst are carbene complexes of this group 8 metal.

ANSWER: Ruthenium

[10] The first generation Grubbs catalyst includes 2 examples of this anionic ligand, also present in the Calomel electrode. Alongside sodium, this ion is found in rock salt.

ANSWER: Chloride [do NOT accept “Chlorine” as that is neither a ligand nor an ion]

13. Above the Curie temperature, these materials act as paramagnets and are differentiated from a related set of materials as all of its magnetic ions add a positive contribution to the net magnetisation. For 10 points each:

[10] Name this permanent variety of magnetism caused by domains of aligned spins, shown by Cobalt and Nickel.

ANSWER: Ferromagnetism [do not accept “Ferrimagnetism”]

[10] Above the Curie temperature, this law which Curie co-names is followed. This law states that magnetic susceptibility is equal to a material specific constant over the difference between the Temperature and Curie Temperature.

ANSWER: Curie-Weiss law

[10] This effect describes how, due to rapid changes in the sizes of the magnetic domains, increasing the magnetic field applied to a ferromagnet causes it to be magnetised in small steps instead of continuously.

ANSWER: Barkhausen effect

14. At this woman’s wedding, her husband chose to sit with his male lover, and whom he later gave jewelry that belonged to her. For 10 points each:

[10] Name this medieval royal woman, who got her own back by leading a 1326 invasion of England and deposing her husband with the aid of *her* lover, Roger Mortimer.

ANSWER: **Isabella** of France, the **She-Wolf** of France [accept either underlined part, accept "**Isabelle**"]

[10] To raise money for her invasion, Isabella married the future Edward III off to this woman, who later persuaded her husband to spare the Burghers of Calais.

ANSWER: **Philippa** of Hainault

[10] Philippa's successor was this "tiny scrap of humanity," in the words of the Westminster Chronicler. The first wife of Richard II, the king was so distraught at her death that he tore down the castle of Shene.

ANSWER: **Anne** of Bohemia

15. Congratulations, you have just invented a new medication! Answer some questions about how you're going to get it into clinical practice. For 10 points each:

[10] You will start by conducting one of these experiments where patients are arbitrarily allocated your drug or a placebo.

ANSWER: **Randomised controlled trial** [prompt on partial answer, prompt on clinical trial asking "exactly what sort of clinical trial?"]

[10] You're going to need more evidence than this to convince NICE to fund your drug. You might have to wait for this organisation to produce a meta-analysis of all available data. Systematic reviews found in its namesake library are considered to be amongst the highest quality of evidence for a treatment.

ANSWER: **Cochrane** collaboration

[10] Cochrane have given your new drug a glowing review; but is it cost effective? This most commonly used measure in health cost-utility analysis may help. One of these things is equivalent to a year lived at perfect health.

ANSWER: **Quality adjusted life year** [or **QALY**]

16. In this play Jack Tanner is dismissed as "prodigiously fluent of speech, restless, excitable (mark the snorting nostril and the restless blue eye, just the thirty-secondth of an inch too wide open), possibly a little mad." For 10 points each,

[10] Name this play, a reworking of the Don Juan story, in which Mr. Whitefield's death leaves his daughter Ann under the joint guardianship of Tanner and Roebuck Ramsden.

ANSWER: **Man and Superman**

[10] *Man and Superman* is a play by this Irish dramatist of *Pygmalion* and *Major Barbara*.

ANSWER: George Bernard **Shaw** [accept **GBS**]

[10] *Major Barbara* also features odd paternal stipulations: Barbara's fiancée Adolphus Cusins must reveal himself to be a foundling and take on this name, her father's, in order to inherit the latter's munitions business.

ANSWER: **Andrew Undershaft** [accept either underlined part]

17. Judicial clearance was required before this party could take its current name without being seen to undermine the patriotism of those French people who didn't support it. For 10 points each:

[10] François Fillon is the presidential nominee of which Gaullist political party, effectively a renaming of the U.M.P.

ANSWER: Les **Républicains** OR The **Republicans** (accept: "L.R.")

[10] Fillon looks set to face off against Marine Le Pen, leader of this nationalist political party whose Mayor of Beaucaire, Julien Sanchez, renamed a street in his town "Rue du Brexit".

ANSWER: **Front National** OR **National Front** (accept: "F.N.")

[10] Former Socialist Finance Minister, Emmanuel Macron, is being supported in his bid for the Presidency by this social liberal party founded in 2016 for that purpose.

ANSWER: **En Marche!** (ACCEPT: "Forward!")

18. For 10 points each, answer the following on the work of Italian sociologist Franco Moretti:

[10] Moretti has written extensively on this literary form, which Gyorgy Lukacs argued changed significantly under the influence of Flaubert and Scott, in a work titled *The Historical* [this form].

ANSWER: **novel**

[10] In *Atlas of the European Novel*, Moretti argues that Britain and France formed the core of the European literary trade, while other areas constituted the periphery or semi-periphery, applying this American sociologist's model of "world-systems"

ANSWER: Immanuel **Wallerstein**

[10] Moretti has also championed the use of abstract models rather than just close reading in the study of literature, including this sort of diagram, the parse form of which is used by linguists to represent the syntactic structure of a string, according to a context-free grammar.

ANSWER: **trees**

19. For 10 points each, answer the following on the Vaganova method of dancing arabesques:

[10] In the Vaganova method there are this many basic arabesques. In the ballet foot position of this number, the feet are placed roughly a foot apart and then either the heels or the heel of one foot and the toe of the other are aligned, depending on whether it is open or closed.

ANSWER: **4**

[10] In the first two forms of an arabesque the dancer stands effacé with the left foot in front, whereas in the third and fourth the right foot is in front and the dancer stands in this sort of position at an oblique angle to the audience.

ANSWER: **croisé**

[10] The creator of the Vaganova method, Agrippina Vaganova was a ballerina and dance teacher from this country where she insisted on continuing the choreographical legacy of Marius Petipa at the Kirov Ballet.

ANSWER: **Soviet Union** (accept **Russia**; accept **U.S.S.R.**)

20. Answer some questions about the creation of *Finnegans Wake*, for 10 points each:

[10] The first writing James Joyce did that became part of *Finnegans Wake* was this short sketch, in which the titular monarch of Ireland cleans up after a party by drinking the dregs from his guests' glasses.

ANSWER: "**Roderick O'Conor**"

[10] Joyce described "Roderick O'Conor" as his first writing "since the final Yes of *Ulysses*," referring to the novel's concluding monologue by Molly, a woman with this surname. Her husband, Leopold, is the novel's protagonist.

ANSWER: **Bloom**

[10] A few months after "Roderick O'Conor," Joyce wrote a sketch with the title "Here Comes Everybody," which he uses as the nickname of this main character of *Finnegans Wake*.

ANSWER: **Humphrey Chimpden Earwicker** [accept any underlined part, prompt on **HCE**]