Oxford Open 2015: The Boys are back in town, steeled by a sense of ire unmerited

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Editors Packet 5

Tossups

1. Recent transcriptome data suggests that this structure may have developed in ctenophora independently of other animal phyla. A stomodaeal one of these structures is associated with the viscera of insects – the equivalent structure in vertebrates contains divisions named for Meissner and Auerbach. In hermaphroditic *C. elegans* this structure contains exactly 302 cells with 56 supporting glial cells. The vertebrate autonomic one is divided into sympathetic and parasympathetic parts while the peripheral one is divided into sensory and motor divisions. For ten points identify these structures, the central one of which comprises a spinal cord and brain in vertebrates.

ANSWER: **Nervous System** [accept **Neural Systems** and **Nerve Nets** as well as specific examples e.g. autonomic, central, enteric…]

2. In his ‘apology’ for this play its author declared that “the drama of pure feeling is no longer in the hands of the playwright.”  This play closes with a character reading a note from the man she left in part because he may be her half-brother, Frank Gardner. The protagonist also rebuffs the advances of the aging businessman George Crofts, an associate of her mother. For 10 points, name this G. B. Shaw play in which Vivie discovers that her mother, Kitty, is the madam of a network of brothels.

ANSWER: ***Mrs. Warren’s Profession***

3. The claim that this philosopher’s notion of “criteria” was intended to be understood as conditions for meaning a particular thing, rather than merely existing, is made in *The Claim of Reason* by Stanley Cavell. This thinker developed a theory of language on which a sentence has meaning if and only if it corresponds to a possible fact, called his picture theory of language. The work in which that theory is presented is separated into seven propositions, the last of which is “whereof one cannot speak, thereof one must be silent.” For 10 points, name this author of *Philosophical Investigations* and the *Tractatus Logico-Philosophicus*.

ANSWER: Ludwig **Wittgenstein**

4.  An attack on the descent of the “Sant’Elpidio a Mare” allowed this cyclist to become the first since Tony Rominger to win back to back editions of the Tirreno-Adriatico. This cyclist finished in second place behind Chris Horner in the 2013 Vuelta a Espana, having already taken a dominant Giro d’Italia victory earlier in the year. Mountaintop finishes won by this cyclist in 2014 include the Chamrousse, La Planche des Belles Filles and the Hautacam. This cyclist finished third in 2012 Tour de France behind Bradley Wiggins and Chris Froome. Nicknamed “The Shark”, for 10 points, name this Italian cyclist, who won the 2014 Tour de France.

ANSWER: Vincenzo **Nibali**

5. This man’s heart was buried under a Mvula tree. After his death, he was carried by Chuma and Susi to the coast. Having lost the full use of his left arm after a fight with a lion, he delivered two of his six children himself in the Kalahari. Although his greatest theory was mistaken, and he only converted one man named Sechele, he was the first to describe Lake Malawi, and he wrote the book *Missionary Travels and Researches in South Africa*. For 10 points, name this man who, at Ujiji, was witness to what was, presumably, a pleasant greeting from Henry Morton Stanley.

ANSWER: David **Livingstone**

6. In one work by this man, the title character’s sister is seen giving a man the key to the room of an engaged woman by her fiancé, leading to false accusations of infidelity. In another work, Zerbinetta asks the title character, “Are we not both women?” before proceeding to outshine her with a coloratura aria. This composer of *Arabella* also penned an opera in which the title character performs a striptease to her father-in-law, the Dance of the Seven Veils, and in return receives the head of John the Baptist on a silver platter. *Ariadne auf Naxos* and *Salome* are, for ten points, operas by this German composer of *Der Rosenkavalier* and *Elektra*.

ANSWER: **R**ichard **Strauss**

7. Grosse Island in Quebec was used to quarantine people fleeing this event. The Cheap Ejectment Acts worsened this event by shifting the burden of relief to local landlords. A typhus epidemic hit Canada due to people fleeing this even aboard disease ridden coffin ships. The description of this event as “an effective mechanism for reducing surplus population” have led some to accuse Charles Trevelyan of engineering a genocide. The most direct cause of this catastrophe was the introduction of a form of blight from Mexico. For 10 points, name this disaster where many inhabitants of a European island starved due to the lack of a certain tuber.

ANSWER: Irish **Potato Famine** [accept clear knowledge equivalents; accept *An* ***Gorta Mor***]

8. The first step in the work up of Huisgen cycloadditions is to wash the reaction mixture with an aqueous solution of this compound. Co(en)33+ [Cobalt -en-3-three plus] is reacted with formaldehyde and this compound to produce sepulchrate ligands, and this compound solvates electrons in the Birch reaction. Tollens’ reagent contains a silver ion with two molecules of this compound as ligands. The inversions of this compound were used to produce the first maser, and a strong smell of it characterises the Icelandic dish Hakarl. The main method for producing this compound usually uses an iron-based catalyst and consumes 1% of the world’s energy. For 10 points, name this compound produced in the Haber process, which has formula NH3.

ANSWER: **Ammonia**

9. The retired Algerian nationalist hero ‘Abd al-Qadir intervened to save Christians in this city during an 1860 riot. In 1926, much of the old part of this city was burned in “al-Hariqa,” a fire caused by shelling during a revolt that had begun in the Hawran. This city was home to the Hanbali jurist Ibn Taymiyyah, and it is the site of the mausoleums of the two most prominent leaders of the Zengid Dynasty, Nur al-Din and Saladin, who both died in this city. Following the death of Ali, Mu’awiya I moved the Islamic capital to this city when he became the first Ummayad caliph. For 10 points, name this city that is currently the capital of Syria.

ANSWER: **Damascus** [or **Dimashq**]

10. Towards the end of one work by this author the protagonist answers the question “what has cast such a shadow upon you?” with “The Negro.” The title character of that short story has recurring fainting spells, but is always caught by his servant, Babo. Another short story by this features a boy who gets cakes and apples for Turkey and Nippers, whose inconstant colleague repeatedly utters the phrase “I would prefer not to.” For 10 points, name this author of *Benito Cereno* and *Bartleby, the Scrivener*.

ANSWER: Hermann **Melville**

11. Theodor Kaluza attempted to extend this theory to 5 dimensions. LIGO and LISA aim to directly detect entities that would provide further evidence for this theory. Photons follow null geodesics according to this theory. A mylar bag full of helium was used to reduce scattering in a test of this theory which used measured the redshift of gamma rays emitted by lumps of iron-57. The Pound-Rebka experiment provided evidence to support this theory which also explained why the precession of Mercury’s perihelion did not conform to Newton’s theories. For 10 points, name this theory which states that heavy objects curve space-time, which was first formulated by Albert Einstein and is contrasted with an earlier, “special” version.

ANSWER: **General Relativity** [prompt on **relativity**, do not prompt or accept on **special relativity**]

12. In a wedding ceremony practiced by these people, the bride and groom drop a small amount of blood onto a piece of bread, which is then consumed by the couple. The Kris is a court system utilized by these people. These people refer to non-members as “gadjo.” This ethnic group’s veneration of Saint Sarah has been cited as evidence of Shaktism in their religious practices. Bride kidnapping traditions have led to frequent allegations of kidnapping children against this ethnic group. This ethnic group adopted a flag dominated by a red wheel, symbolizing the importance of wagons in their culture. For 10 points, name this heavily discriminated against ethnic group derisively called gypsies.

ANSWER: **Roma**ni [angrily prompt on “Gypsies” prior to mention; accept **Sinti**]

13. In one painting from this modern day country, a donkey with blinders on stands on a table while headless tuxedos and a bloody sword stand on the opposite side. That work is *The Eclipse of the Sun.* An art movement from this country actively tried to revive woodcut prints, and went so far as to write their manifesto as a woodcut. One artist from this country painted  brightly colored but gloomy animals, as seen in *The Fate of the Animals.* That painter was a part of a movement which produced an influential almanac and was founded by Wassily Kandinsky. For 10 points, name this country which produced The Blue Rider movement and which was once home to the Bauhaus.

ANSWER: **Germany**

14. In one story by this author, an unhappy  red nosed man aspires to nothing more than eating his favorite food, but remains unhappy after having that wish fulfilled. In another story by this writer, a man’s act of kindness is rewarded with a chance to climb up the title object, but that opportunity is squandered when his selfishness leads to that object breaking. This author of *Yam Gruel* and *The Spider’s Thread* is perhaps best known for a story wherein a woman claims to have attempted suicide three times after stabbing her husband with a dagger, but this account is contradicted by the testimony of many other characters. For 10 points, name this Japanese author of *In a Grove*.

ANSWER: Ryunosuke **Akutagawa**

15. Other than the capital and eponymous city, this county is home to the towns of Orange Walk and san Ignacio. The unimaginatively named People’s United Party and United Democratic Party operate in this country, often cited as the birthplace of chewing gum; whilst it is bordered to the southwest by the Maya mountains. This country is also home to the world’s second largest barrier reef, although it has no Pacific coastline; and to the Great Blue Hole, widely seen as one of the world’s best diving sites.  For ten points name this country with two armed men on its flag, formerly known as British Honduras.

ANSWER: **Belize**

16. After the title character of this work expresses frustration that two building do not belong to him, another character disobeys him and murders an old couple, Philemon and Baucis. The conclusion of this play ends with the line “eternal womanhood draws us onward.” The protagonist of this play says that he will go glad to his ruin after he is able to say, “stay a while! You are so lovely!” to his beloved. The title character of this play is met by a poodle in his study who transforms into Mephistopheles, with whom he makes a deal to enable him to seduce Gretchen. For 10 points, name this two part play by Goethe.

ANSWER: ***Faust*** [accept ***Faust II*** until “go glad to his ruin”]

17. Maurice Bowra commented that buggery was invented to fill the awkward hour between this thing and cocktails. Since 1926, this event has been broadcast on B.B.C. radio and is now relayed twice-weekly in Britain by Radio 3, although its origins lie in the mid-sixteenth century. This office was created by the amalgamation of themonastic services of Vespers and Compline and, as such, features both the *Song of Mary* and the *Song of Simeon* as its canticles. Most famously celebrated throughout the Anglican Communion in its choral form, for ten points, name this latter of the two daily offices set forth in the Book of Common Prayer at which the *Magnificat* and *Nunc Dimittis* are sung or said.

ANSWER: **Evensong** OR **Evening Prayer**

18. The book *What Heaven Can’t Forgive* alleges that Catholic clergymen encouraged atrocities in their sermons during this period. In the aftermath of this event, the so-called Marquetalia Republic was established. This period saw the organization of campeninos into local militias, and is considered by some to have ended with the military dictatorship of Gustavo Rojas Pinilla. This period was sparked by the assassination of popular presidential candidate Jorge Gaitan, which started a massive riot known as the Bogotazo. For 10 points, name this period of brutal conflict between the Liberals and Conservatives in Colombia.

ANSWER: ***La Violencia***

19. At night, the nitrate radical is the dominant oxidant in this region whereas the hydroxyl radical occupies that role during the day. At its upper limit, the dry adiabatic lapse rate changes from positive to negative, and the resulting inversion layer means that there is little mixing between this layer of the atmosphere and the one above it. The lower limit of this region is modelled as a turbulent boundary layer. Containing around 90% of the mass of the atmosphere, this region is located below the stratosphere and it contains most of the earth’s weather systems. For 10 points, name this closest layer of the atmosphere to Earth’s surface.

ANSWER: **Troposphere**

20. After noon, this god was accompanied by the souls of women who died in childbirth. The worship of the skinless vegetarian god Xochipili was subsumed into the the cult of this god This god fought his siblings, including the four hundred stars of the southern sky and the moon goddess Coyolxauhqui as he sprang from the womb, and his weapon was the xiuhocoatl, or “Turquoise Snake”.  This God was conceived after Coatlicue kept a ball of feathers in her bosom, and he ordered the Mexica to found Tenochtitlan where they found a snake-eating eagle perched on a cactus. For 10 points, name this deity whose name means “left-hand hummingbird”, the Aztec god of war.

ANSWER: **Huitzilopochtli**

Bonuses

1. Daha daa adimtuka washrabhaa muataqatan. For 10 points each answer these questions on arabic poetry:

[10]This is the Arabic term for a collection of Quatrains, the most famous of which was written in the Hazaj meter by Omar Khayam.

ANSWER: **Rubaiyat**

[10] Coming from the Arabic for intention, this sort of poem is normally associated with the western panegyric and the most famous is the poem of the mantle,or al-burda.

ANSWER: **Qasidah**

[10] This term has come to mean a collection of poems and was used by the poet Goethe in the title of his Poems of East and West, and became deeply popular in Ottoman Sufi poetry especially poems invoking the unrequited love of the nightingale for the rose.

ANSWER: **Diwan**

2. During this period, the Maintenance of Internal Security act was used to detain thousands of people without charges, including members of the RSS. For 10 points each:

[10] Name this period of autocratic rule also infamous for a mass compulsory sterilization campaign headed by a future head of government.

ANSWER: The **Emergency**

[10] The Emergency was a period of time characterized by near limitless power being held by this Indian Prime Minister. She was assassinated by her Sikh bodyguards after Operation Blue Star.

ANSWER: **I**ndira **Gandhi** [prompt on just “Gandhi”]

[10] Among the first authoritarian actions taken by Gandhi during the emergency was the dissolution of a government led by the Dravida Munnetra Kazhagam or DMK in this Indian state.

ANSWER: **Tamil Nadu**

3. Most human males have one copy; human males with Klinefelter’s syndrome have two. Most human females have two copies; human females with Turner’s syndrome have one. For ten points each:

[10] Name this structure which can become lyonized

ANSWER: **X Chromosome**

[10] When an X-Chromosome is lyonized in a somatic cell, it forms this structure in the nucleus.

ANSWER: **Barr body**

[10] Sometimes during gametogenesis, chromosomal abnormalities can occur. One such example is this, where the long arms of two acrocentric chromosomes fuse together; this translocation can therefore cause Down’s syndrome without trisomy 21.

ANSWER: **Robertsonian** translocation [prompt on whole-arm or centric-fusion translocations]

4. In this painting, a swarm of ants gather on the abdomen of a grasshopper, which in turn hangs on to a large yellow head which is balancing on its nose. For 10 points each:

[10] Name this painting which also features a woman’s face standing close to a man’s genitals at the top right. It is unsurprisingly interpreted by many to be symbolic of its creator’s sexual anxieties.

ANSWER: *The* ***Great Masturbator***

[10] *The Great Masturbator* was painted by this Spanish surrealist and melty-clock aficionado also known for his stylish mustache.

ANSWER: Salvador **Dali**

[10] One of Salvador Dali’s greatest influences was this artist, who appears in several of Dali’s paintings, one of which is titled *The Ghost of* this man *Which Can Be Used as a Table.*

ANSWER: Jan **Vermeer**

5. This character laments his lack of extreme ability as a philosopher because he will never be able to reach the letter R, despite having been able to reach Q. For 10 points each:

[10] Name this fictional philosopher.

ANSWER: **Mr. Ramsay**

[10] Mr. Ramsay appears in this Virginia Woolf novel that also features the painter Lily Briscoe and is set on the Isle of Skye

ANSWER: ***To the Lighthouse***

[10] This other Bloomsbury group author addressed similar themes to Woolf in her novel about an aged widow who finds herself finally free in *All Passion Spent*.

ANSWER: Vita **Sackville-West**

6. It culminates in a symbolic offering to the water. For 10 points each:

[10] Name this ceremony which is occasionally extended by the Visperad. The primary function of this ceremony is to promote *asha*.

ANSWER: ***Yasna***

[10] As part of the *Yasna*, this set of 17 hymns are read. Topics of these hymns range from praise to a deity to descriptions of the life of a prophet.

ANSWER: ***Gathas***

[10] Both the *Yasna* and the *Gathas* originate from this Persian dualistic religion founded by Zarathustra.

ANSWER: **Zoroastrianism**

7. Answer these questions about pioneers of photography, for ten points each.

[10] Introduced in by André-Adolphe-Eugène Disdéri in 1854, what is the three word French name for small albumen prints, usually of portrait subjects?

ANSWER: **Carte de visite**

In 1839, Robert Cornelius took the first known self-portrait using what process? Named after its French inventor, it was the first announced photographic process and involves printing onto a silver plate.

ANSWER: **Daguerreotype**

[10] Charles Darwin, Ellen Terry, and Thomas Carlyle are among subjects of which British portrait photographer: who frequently included Arthurian motifs in her work?

ANSWER: Julia Margaret **Cameron**

8. In this book Yambo, struggles to piece together his episodic memory after a traumatic stroke. For 10 points:

[10] Name this illustrated book by Umberto Eco, in which Yambo struggles to remember the face of his first love whilst rummaging through his childhood belongings.

ANSWER: ***The Mysterious Flame of Queen Loana***

[10] Yambo’s discovery of this famous Shakespearean manuscript prompts his palpitations to re-emerge and to re-enter a dreamlike state, where his life flashes before his eyes.

ANSWER: **First Folio**

[10] Yambo also frequently quotes this only novel by Edgar Allan Poe which tells of a stowaway and his various misadventures, including meeting the chief Too-Wit on a journey towards the Antarctic.

ANSWER: ***The Narrative of Arthur Gordon Pym of Nantucket***

9. This man’s oratorios include *Joan of Arc* at the Stake and *The Dance of the Dead*. For ten points each

[10] Give this composer, one of whose symphonic movements is entitled *Rugby*. He also depicted a steam locomotive in his *Pacific 231*.

ANSWER: Arthur **Honegger**

[10] Honegger was a member of this group of French composers formed by Erik Satie as a reaction against the impressionist music of Ravel and Debussy

ANSWER: **Les Six**

[10] This opera by Poulenc, another member of Les Six, tells the story of nuns who refuse to renounce their vocation during the French Revolution and are consequently guillotined.

ANSWER: ***Dialogues of the Carmelites*** [or ***Dialogues des carmélites***]

10. The first member of this house to sit on the throne of Portugal was John IV. For 10 points wach:

[10] Name this house, a cadet house of the earlier House of Aviz, which ruled Portugal following a brief union with Habsburg Spain.

ANSWER: House of **Braganza**

[10] The House of Aviz had extinguished during this 1578 where Moroccan forces decisively defeated a Portuguese expedition intervening in a succession crisis. King Sebastian I disappeared and is presumed to have died at this battle.

ANSWER: Battle of **Alcacer Quibir** [accept the following: Battle of The **Three Kings**; Battle of **Ksar El Kebir**; Battle of **Oued El Makhazeen**]

[10] The House of Braganza would be divided during this 19th Century internal sparked by a push for a constitution. It was resolved with the Concession of Evoramonte.

ANSWER: The **Liberal** Wars

11. Swimming is one of those sports where people much younger than you are much much better than you. For 10 points each:

[10] A swimmer from this country won the women’s 200 metre and 400 metre Individual Medley events at the London Olympics at the age of 15, leading some people to suspect underhand preparation methods.

ANSWER: **China**

[10] This Lithuanian swimmer won the 100 metres breaststroke at the London Olympics at the age of 15.

ANSWER: Ruta **Meilutyte**

[10] This American swimmer set his first world record in the 200 metres butterfly when he was 15. He then went on to become the most decorated Olympian of all time.

ANSWER: Michael **Phelps**.

12. One design for these objects involves two hollow copper D-shaped objects connected to an oscillator which varies the electric field between them at a constant frequency. For 10 points each:

[10] Name these devices which use perpendicular electric and magnetic fields to accelerate protons to energies around 50 MeV.

ANSWER: **Cyclotron**s (do not accept **Synchrotrons**)

[10] These are the SI units of magnetic field strength. They are named for a Serbian scientist who feuded with Edison in “the war of currents” and created that shoot arks of electricity.

ANSWER: **Tesla**

[10] Cyclotron radiation is just one kind of this general type of radiation produced by the deceleration of charged particles. This type of radiation has a continuous spectrum..

ANSWER: **Bremsstrahlung** (or **Braking** radiation)

13. If the Thames is liquid history then this question is equally historical droplets. For 10 points each:

[10] This river shares it name with a river in the East of France, and flows through Tottenham. While it is not truly an underground river it is covered under White Hart Lane.

ANSWER: The River **Moselle** (accept **Muswell** or **Moselle Brook**)

[10] The largest of London’s subterranean rivers, this waterway flows from Hampstead Heath to Blackfriars Bridge, and gives its name to a major London press location.

ANSWER: The River **Fleet**

[10] This river joins the Thames near Vauxhall Bridge, and was described by Herne Hill native John Ruskin as a “tadpole haunted ditch.”

ANSWER: The River **Effra**

14. Marco performs this action after a failed attempt to do the same by Eddie Carbone. For 10 points each:

[10] Identify this action that occurs after Eddie hits Marco’s brother Rodolpho rather harder than expected in a mock boxing match.

ANSWER: **Lifting up a chair** with one hand by the base of its leg (basically anything that implies picking up a chair in a difficult way)

[10] The chair lifting scene occurs at the end of act I of this play about the conflict that arrises after Eddie Carbone takes in his wife Beatrice’s cousins, Marco and Rodolpho.

ANSWER: ***A View from the Bridge***

[10] *A View from the Bridge* is by this author of *Death of a Salesman*.

ANSWER: Arthur **Miller**

15.  They can be studied by electron paramagnetic resonance, and antioxidants help to terminate chain reactions involving them. For 10 points each:

[10] Name these species which contain unpaired electrons.

ANSWER: Free **Radicals**

[10] One way of initiating radical reactions is to use a radical initiator such as AIBN in conjunction with this phenomenon, which is often written as hv in chemical reaction schemes.

ANSWER: **Light** (accept more specific kinds of light, like UV or X-ray, accept **photolysis** or **photochemical** conditions)

[10] N-bromo succinimide and hydrogen bromide are used to brominate allylic positions in this reaction named for two German chemists, one of whom went on to win a Nobel Prize with Giulio Natta.

ANSWER: **Wohl-Ziegler** Bromination (or **Wohl-Ziegler** Reaction)

16. Betty Friedan and Pauli Murray wrote this organization’s “statement of purpose” in 1966. For 10 points each:

[10] Name this organization, which was founded in the wake of the passage of the Civil Rights Act of 1964 to promote full equality for women in the United States.

ANSWER: **N**ational **O**rganization for **W**omen [or **NOW**]

[10] Friedan was initially hostile to this group of people which she dubbed a “lavender menace,” leading the expulsion of many of these people from NOW offices, including Rita Mae Brown.

ANSWER: **homosexuals** [accept **lesbians**]

[10] Another founding member of the National Organization for Women was this New York Congresswoman who in 1972 became the first African-American candidate to run for the presidential nomination of a major party.

ANSWER: Shirley (Hill) **Chisholm**

17. This Christian socialist wrote the Pedagogy of the Oppressed. For 10 points:

[10] Name this Marxist educational theorist who sought to create a teaching world in the reality of the pupil and to break down educational dogma through his process of Conscientization.

ANSWER: Paulo **Freire**

[10] Freire defines this Marxist term for the enactment of ideas as “reflection and action directed at the structures to be transformed.” It is seen as an integral part of the theory of critical pedagogy.

ANSWER: **Praxis**

[10] Freire was from this country from which he was exiled in 1964, with his activities at Recife University seen as traitorous by the incoming military dictatorship which had deposed Joao Goulart

ANSWER: **Brazil**

18. For 10 points each, name some of the men who walked on the moon:

[10] This man punched Bart Sibrel in the face when asked to swear on the Bible that the Landing wasn’t faked. He was the second man on the moon.

ANSWER: Edwin “Buzz” **Aldrin**

[10] This commander of Apollo 17 was the last to leave the lunar surface. He piloted the lunar rover on its final sortie, and holds the unofficial lunar speed record of 11.2 mph.

ANSWER: Eugene **Cernan**

[10] This geologist was the penultimate man and only civilian to walk on the moon. He later sat at the candy desk in the US Senate.

ANSWER: Harrison “Jack” **Schmitt**

19. They were guarded by the never-sleeping hundred-headed dragon Ladon. For 10 points each:

[10] Name these objects that grew on a tree in the garden of the Hesperides. Hercules had to steal some for his eleventh labour.

ANSWER: **Golden Apples** [prompt on **Apples**]

[10] Another person who loved golden apples was Atalanta. She lost a footrace to this suitor after he distracted her by dropping golden apples.

ANSWER: **Melanion** [accept **Meilanion** or **Hippomenes**]

[10] In Norse myth, Idunn is the keeper of the golden apples which give the gods their immortality. When she is kidnapped by this giant the other gods send Loki to bring her and her apples back.

ANSWER: **Thiazi**

20. Do you want an Archer-themed bonus set? Because this is how you get an Archer-themed bonus set. For 10 points each:

[10] This social rival of Malory Archer is only ever seen as a shoulder in the corner of the screen. Malory phones in a bomb threat to steal her cabin on the airship *Excelsior*.

ANSWER: **Trudy** **Beekman** (accept either)

[10] It is implied that this character is a clone of Adolf Hitler. He has a virtual girlfriend so realistic that the state of New York is letting him marry her.

ANSWER: Dr **Krieger** (or **Ka-ri-ga San**)

[10] Archer often annoys Lana by quoting the Kenny Loggins song *Highway to the Dangerzone*, which features prominently in the soundtrack of this film where Tom Cruise plays a fighter pilot.

ANSWER: ***Top Gun***