

Tossups

1. **One Smashing Pumpkins song that declares “destroy the mind/ destroy the body/ but you cannot destroy the heart” is titled “[this phrase] (an Ode to No One).” The song “Shoes” by Kelly repeats this phrase four times after the singer tells someone their feet are too big. In “Killing in the Name Of” the singer (*) repeats this phrase 16 times along with “I won’t do what you tell me.” In “Closer”, Trent Reznor sings that he wants to do this “like an animal” and that his “whole existence is flawed.” In another song, this invective follows the line “I see you driving downtown with the girl I love.” For 10 points, name this phrase that was changed to “Forget You” in a radio edit of a Cee Lo Green song.**

ANSWER: **Fuck You**

2. **Orville Cox wears a large hat and looks down in one work by this artist. The title flower takes up most of the work of this artist’s *Rose and Driftwood*. This artist collaborated with people like Edward Weston to found a group that was opposed to the pictorialist style. This artist developed the “zone system”, which ranges from pure black to pure white. This artist depicted a Wyoming location in *The Tetons and the Snake River* and co-founded the (*) f-stop-64 group. This artist took many photographs of the internees at the Manzanar camp and also created the works *Monolith*, *The Face of Half Dome* and *Moonrise: Hernandez, New Mexico*. For 10 points, identify this American photographer who set many works in Yosemite National Park.**

ANSWER: Ansel Easton **Adams**

3. **A late work by this author considers Goethe’s theory of colours and is called *Remarks on Colour*. A posthumously published work by this thinker was written in response to *A Defense of Common Sense* and begins by considering the phrase “here is one hand”. This thinker argued that since language involves rule-following, there cannot be any (*) private languages. This philosopher advanced a correspondence-theory of truth with their picture theory of language. For ten points, name this Austrian author of *Philosophical Investigations* and *Tractatus-Logico Philosophicus* who coined the term “family resemblance” and who wrote about duck-rabbit.**

ANSWER: Ludwig **Wittgenstein** <AF>

4. **A variant of this sport named for modern day Czechia was popular in eastern Europe until the end of the Second World War. Norway controversially defeated South Korea on a debated buzzer beater at the semifinals of the 2008 Olympic Women’s competition in this sport. South Korea and Brazil are the only non-European teams to medal in the women’s World Championship of this sport. In high level play, there are six players and a goaltender per side on a court that is 40 metres by 20 metres, and only the goaltender can be within (*) 6 metres of the net. In this sport, players must dribble or pass the ball after three seconds and can only take three steps at a time. For 10 points, name this sport where people score points by throwing the ball into the opposing team’s net.**

ANSWER: **handball**

5. **The entire first season of this show was written by one man over the summer of 2012. A major theme of this show takes inspiration from Schopenhauer’s views on pessimism and Robert W. Chambers’ *The King in Yellow*. “I think human consciousness is a tragic misstep in evolution” is famously said by one of the protagonists of this show. Alexandra Daddario guest stars in this show as the mistress of one of its central characters. This shows follows two southern Lawmen (*), Marty and Rust, tracking down Billy Lee Tuttle, a celebrated evangelist and cousin of the governor of Louisiana. For 10 points, what crime drama, starring Woody Harrelson and Matthew McConaughey, was renewed for a second season in 2015 with an entirely different cast.**

ANSWER: **True Detective**

6. **Josep Comas i Solà first observed a feature on this object by noticing limb darkening. With the death of the ESA president at the time, scientists decided to name a place on this object the Hubert Curien Memorial Station. Surface features on this body include ones named for Ontario and the Kraken. On this object, the dark (*) Shangri La region contrasts with the nearby Xanadu region. The Huygens lander studied this object after it was launched from its parent craft Cassini. This object is the only natural satellite in the Solar System with an atmosphere, and is hypothesized to have many large hydrocarbon lakes. For 10 points, name this second largest moon in the Solar System and largest moon of Saturn.**

ANSWER: **Titan**

7. **This person was criticized for embellishing their reactions to trying colour-corrected lenses to correct their red-green colourblindness. In a music video for a song largely based around a sample of the Flobots song “Handlebars,” this figure rides several women as if they were bicycles, which caused the frontman of Flobots to declare this person to be the “face of douchebag entitlement.” This person had their (*) advertising revenue temporarily cut off by Youtube after they performed CPR on a fish and tasered dead rats. This person also attracted controversy from a video filmed in Aokigahara during a visit to Japan. For 10 points name this older brother of Jake who provoked controversy at the start of 2018 by posting a Youtube video featuring the corpse of a suicide victim.**

ANSWER: **Logan Alexander Paul** (prompt on “Paul”)

8. **When the main character of this work searches for employment, they receive their only reply from Alice Fairfax. In this work Helen Burns dies of typhus in the protagonist’s arms in a place that she was brought to by Mr. Brocklehurst. One character in this work blames strange happenings on (*) Grace Poole, who is in reality a nurse charged with taking care of Bertha. Bertha later sets the house of the main character of this work’s love interest on fire which results in that love interest losing his hand and eyesight. Bertha is the wife of the titular character of this work’s love interest who is kept in the attic of Thornfield Hall. For 10 points name this novel where the titular character falls in love with Mr. Rochester, a work of Charlotte Brontë.**

ANSWER: **Jane Eyre: An Autobiography**

9. **One film that features this action is in a crowded cafe in Godard’s *Bande à part*. Austin Powers disarms a group of fembots by performing this action. Another scene in that film featuring this action was influenced by the 1969 film, *Sweet Charity*. Poindexter from *Revenge of the Nerds* performs this action after smoking weed for the first time. The Mask transforms into Cuban Pete and does this action to get out of a police shootout. In *Pee-wee’s Big Adventure*, Pee-wee’s last request (*) before he gets killed by a biker gang involves this action. In *Ex Machina*, Oscar Isaac does this action with Sonoya Mizuno to destress himself. Les Grossman performs this action during the final credits of *Tropic Thunder*. For 10 points, name this action that Napoleon Dynamite performs during his school’s talent show to the song Canned Heat.**

ANSWER: **Dancing**

10. **This person put Sigujana, their younger half-brother, to death during a coup d’etat. This student of Dingiswayo avenged his mentor by locking the mother of Dingiswayo’s killer in a hut with Jackals and burning it down. This child of Senzangakhona kaJama and Nandi was conceived out of wedlock during a practice known as “the fun of the roads.” This leader was assassinated by their (*) half-brothers Mhlangana and Dingane, after a period of increasingly unstable behaviour after the death of this person’s mother. This leader ordered no crops to be planted and no milk to be used during a year of mourning and killed cows who had given birth so the calves would know what losing a mother felt like. For 10 points name this developer of the “Bull Horns” military formation, and Monarch of the Zulu.**

ANSWER: **Shaka** kaSenzangakhona (or **Shaka** Zulu)

11. Aidan Gillen guest stars on this show who promotes his son as a boxing champion. Sam Neill portrays the main antagonist on this show's first two seasons who later obsesses over Grace Burgess and frequently visits an opium den. One character on this show is forced to perform a high-profile assassination at the Epsom Derby and makes a deal with the Tom Hardy portrayed Alfie Solomons. Adrien (*) Brody joins the latest season of this show as antagonist Luca Changretta seeking revenge for his father's murder. Every episode on this show is opened with "The Red Right Hand" by Nick Cave and the Bad Seeds. For 10 points, Cillian Murphy portrays Thomas Shelby on what TV series set in early 20th century Birmingham.

ANSWER: Peaky Blinders

12. This single peaked at number three on the US Billboard hot 100 and include the lyrics "my lean cost more than your rent, your mama still live in a tent". In January 2018 a youtuber named Graham The Christian spent 15 days saying the name of this song 1 million times for charity. Though he was expelled from his high school in the tenth grade for fighting and inciting a riot, there are rumors that the artist of this song, (*) a 17 year old soundcloud rapper from Miami, "dropped out of Harvard to save the rap game". In the music video of this song, artist born Gazy Garcia walks through his school with a tiger, while serving drugs to his friends outside. This song which was released in October 2017 by Garcia and Smokepurpp has over 500 million views on youtube. For 10 points, name this song released by Lil Pump off his self titled debut mixtape.

ANSWER: "Gucci Gang"

13. A technique named for this letter is also known as the Bennett pinch, which induces a current in plasma without physical contact as a result of the Lorentz force. A distribution named for this letter is the normalization of the Zipf distribution, but often they are used interchangeably. The damping ratio is often denoted by this letter to describe the decay of oscillations in a system. This letter names a property in (*) colloidal dispersion that is caused by the net electrical charge contained within a region bounded by the slipping plane. For 10 points, name this letter that defines a function whose zeros are important in the distribution of prime numbers.

ANSWER: zeta (accept zeta electrokinetic potential, Riemann zeta function, zeta-pinch)

14. During this Game the main character visits a town called Shiveria that is covered in snow and inhabited by seal-like creatures called Shiverians. The Lord of Lightning the Ruined Dragon is fought in a place called Crumbleden in this game, and Torkdrift is fought in the (*) Steam Gardens in this game. A floating head named Knucklotec is fought in a hole in the desert near the town of Tostarena in the third visited world of this game. A group of rabbit-like creatures named Broodals hail from the moon in this game, where the main villain intends to host his wedding. In the Metro Kingdom in this game, you can collect 81 power moons in New Donk City, which is inhabited by realistically proportioned humans. For 10 points name this eighth 3D Mario game released for the Nintendo Switch.

ANSWER: Super Mario Odyssey (Accept "Sūpā Mario Odesseī")

15. Camps on this mountain include Camp Alaska and Camp Berlin. The Gussfeldt and Horcones inferior are two glaciers on this mountain, but the most famous glacier of this mountain is known as the Polish Glacier, and was named after a 1934 expedition to this mountain. This mountain is the highest non-technical mountain in the world, because climbing it from the north does not require ropes, axes, and pins. With an elevation of just over (*) 6,900 meters, this mountain is bounded by the Valle de las Vacas to the north and is located in the Mendoza province. One of this mountain's most commonly used camps is Puente Del Inca. Matthias Zurbriggen was the first to summit, for 10 points, this Argentinian mountain, the highest in the Americas.

ANSWER: Cerro Aconcagua

16. Two months after one ruler with this name died, their Grand Vizier Köprülü Mustafa Pasha was killed at the battle of Slankamen. One ruler with this name was in power when their forces recaptured Belgrade in 1690 during the Great Turkish War. A more famous leader with this name successfully

besieged Esztergom during the Little War, and died of natural causes during the Siege of Szigetvar. One leader with this name's forces drove the (*) Knights of St. John out of Rhodes, but failed to defeat them at the great siege of Malta. That leader with this name won the battle of Mohacs and began Ottoman rule in Hungary. For 10 points, give this name of two Ottoman Sultans, the first of which was the son of Selim the Grim, husband of Roxelana, and was nicknamed "the Magnificent."

ANSWER: Suleiman (or Süleyman, Suleiman I or II or The Magnificent)

17. A recent NBC article calls this athlete's "greatest leadership feat" "[seeing] him celebrating somebody else's success" and shows a gif of this player smiling while with a cane. This player's first season in college saw them back up Brock Jensen. Sam Bradford's trade to Minnesota made way for this player to start for their team in their rookie season. This athlete holds the second most (*) pass attempts by a rookie quarterback in a single season. This best football player to come out of North Dakota State University was replaced by Nick Foles after this player injured their ACL in a 2017 game against the Rams. For 10 points, name this 2nd overall draft pick of the 2016 NFL draft and starting quarterback for the Philadelphia Eagles.

ANSWER: Carson Wentz

18. A manga written as a cross-media tie-in for this movie franchise detailed the lives of two students seeking shelter before the Chuai incident and the existence of a cult connected to the fictional Japanese company Tagruato. The fourth movie in this franchise is scheduled for release in 2018 and involves the use of supernatural forces by Nazis during D-Day. In the second movie of this franchise, one character breaks the dramatic tension by rightly guessing (*) Santa Claus during charades and another character says "Crazy is building your ark after the flood has already come." The third movie in this franchise was originally titled "God Particle" and was released after the 2018 SuperBowl. For 10 points, name this franchise that began in a 2008 film featuring an unknown monster attacking New York City.

ANSWER: the Cloverfield Cinematic Universe (accept Cloverfield franchise)

19. This figure's wife became pregnant after consuming a louse, and this figure's son is later killed by a Rattlesnake during a race. In one myth about this figure, their eyes become slanted after they attempt to stay awake all night by putting sticks under their eyes. However, this figure awoke too late after that attempt to stay awake to receive their desired name. This figure later attempted to (*) juggle their eyes, which resulted with one of them getting stuck in the sky and becoming the star Arcturus. This figure killed a monster from the inside by cutting out its heart after it ate him, and used its entrails to create humans. In other traditions, this figure created humans from rolling balls of mud. For 10 points, name this canine trickster god from Indigenous myth.

ANSWER: Coyote

20. In the work this character appears in, they complain "I cannot speak but I am doubted, every moment judged for lies" and that their wife's "judgement would freeze beer." In another scene this character tells another that they will cut off their hand before they ever reaches for her again. This character calls another Pontius Pilate and says that God will not let the other character "wash his hands of this" when this character's (*) wife is arrested in act two of the play he appears in. This character tells another "I hear the boot of Lucifer, I see his filthy face, and it is my face, and it is yours, Danforth." This character says that line after declaring "I say God is dead." For 10 points name this character who declares "because it is my name" before he rips up his signed confession of witchcraft in *The Crucible*.

ANSWER: John Proctor (accept either)

Bonuses

1. This character's wife, Masago, may have encouraged their murderer to kill them. For 10 points each:
[10] Identify this character who either received 23 sword wounds before dying, or killed themselves, or was killed in a suicide pact with their wife.

ANSWER: **Takehiko**

[10] Takehiko appears in “In A Grove”, a short story by this Japanese author of “Rashomon”. Japan’s premier literary award is named after this author.

ANSWER: **Akutagawa** Ryūnosuke

[10] In this Akutagawa short story, Yoshihide is commissioned to create the title artwork. They ask for various people to be tortured so that they can be inspired, which culminates in their daughter being burned in a carriage.

ANSWER: “**Hell Screen**” (or “**Jigokuhen**”)

2. Deep learning has been used recently as a catch-all term for fancy machine learning models. Answer some questions about them. For 10 points each:

[10] This deep learning model uses input, hidden, and output layers where signals are passed between layers. These models’ decision making process is based on the human brain.

ANSWER: **neural network**

[10] This type of neural network used in computer vision related problems applies its namesake function to filter the image that it is trying to study.

ANSWER: **convolutional** neural network [or **CNN**]

[10] This model is typically used for unsupervised learning and dimensionality reduction. It can be constructed as a simple neural network with the output layer having the same dimensions as the input layer.

ANSWER: **autoencoders** (accept **autoassociator** or **Diablo** network)

3. Dana Schwartz said that this man “works best when 80% of his face is covered”. For 10 points each:

[10] Name this actor whose face is covered for the majority of *Mad Max: Fury Road*, *The Dark Knight Rises*, and *Dunkirk*.

ANSWER: Tom **Hardy**

[10] Surprisingly there are movies where Hardy’s face isn’t covered. In this 2013 Steven Knight movie that takes place entirely in a car, Hardy portrays the title character who makes many phone calls.

ANSWER: **Locke**

[10] Hardy plays the younger brother to this actor in the 2011 movie *Warrior*. This man’s most recent movie saw him team up with Will Smith in *Blight*.

ANSWER: Joel **Edgerton**

4. This person shut down a meme channel called ThatIsThePlan after it was blacklisted by Youtube. For 10 points each:

[10] Name this host of the web show The Needle Drop.

ANSWER: Anthony **Fantano**

[10] As the host of The Needle Drop, Fantano has this primary occupation. Some people with this occupation write pieces for the website Pitchfork.

ANSWER: **Music Critic** (or obvious equivalents, prompt on “critic”)

[10] One recurring character on The Needle Drop is this fictional roommate of Fantano, who is played by Fantano himself. This character is often portrayed as being comically ignorant of music.

ANSWER: **Cal Chuchesta** (accept either)

5. A queen reveals that they treated a knight harshly because of their initial reluctance to enter this object. For 10 points each:

[10] Identify this object belonging to a dwarf that a knight travels in, earning them general ridicule. It titles a poem by Chretien de Troyes.

ANSWER: The **Cart** (accept descriptive answers indicating it’s the **cart** Lancelot rode in, but DO NOT REVEAL THEIR NAME)

[10] This figure from Arthurian myth earned the epithet “Knight of the Cart” when they ride in the cart in order to secure the release of Queen Guinevere, with whom they have an extended affair.

ANSWER: **Lancelot**

[10] Lancelot's encounter with Elaine of Corbenic leads to the birth of this figure. This figure earned the right to die at the time of their choosing, which ends up being when they are visited by Joseph of Arimathea.

ANSWER: **Galahad** (accept "**Galeas**" and "**Galath**")

6. Answer some questions about traditional Folk songs. For 10 points each:

[10] One version of this folk song describes how an apprentice named Tom may now refuse to wipe his scoundrel master's shoes. The singer of this song declares "The queen commands and we'll obey" in the title location. A Led Zeppelin song with an identical title to this song opens with the lyrics "hey lady, you got the love that I need."

ANSWER: "**Over the Hills and Far Away**"

[10] EXACT LYRICAL ANSWER REQUIRED: In the folk song "Didn't Leave Nobody but the Baby," the singer declares that "you and me and" this figure make three. A Steve Earle song claims that mama said a pistol is this figure's right hand.

ANSWER: The **Devil**

[10] This folk song was originally created to mock colonists before being adapted into a song of American Pride. The title character of this song sticks a feather in his cap and calls it Macaroni.

ANSWER: "**Yankee Doodle**" (or "**Yankee Doodle Dandy**")

7. Answer the following about hockey players of Asian descent, for 10 points each:

[10] This half-Japanese half-Scottish Canadian was inducted into the Hall of Fame in 2017 after a career cut short by concussions. This player captained Anaheim for 7 seasons in the late 90s and early 00s.

ANSWER: Paul **Kariya**

[10] One of the multiple controversies stemming from Josh Ho-Sang's short career is their pick of jersey number 66, more famously worn by this former Pittsburgh Penguins superstar.

ANSWER: Mario **Lemieux**

[10] This Korean-American scored the first ever Olympic hockey goal for the unified Korean Olympic team at the 2018 Winter Olympics.

ANSWER: Randi **Griffin**

8. Sometimes rivers come in fives. For 10 points each:

[10] This region's name, which literally means "five rivers", refers to the Ravi and Jhelum, among others. This region names Pakistan's most populous province, as well as the Indian state that is the birthplace of Sikhism.

ANSWER: **Punjab**

[10] The five rivers found in Hades include this river of fire. According to myth, Styx was in love with this river, which caused them to be burned up.

ANSWER: **Phlegethon** (or "**Pyriphlegethon**")

[10] The Five Rivers MetroParks is a public park system found near this American city, which is home to the National Museum of the U.S. Air Force. This city, dubbed the "Gem City" is the birthplace of Orville Wright.

ANSWER: **Dayton**

9. This game series entails flinging the title creatures at structures inhabited by green pigs. For 10 points each:

[10] Name this game series primarily for mobile devices that was made into a 2016 animated movie.

ANSWER: **Angry Birds**

[10] *Angry Birds* was created by this Finnish company. This company closed its London studio in March 2018 after missing its revenue targets.

ANSWER: **Rovio** Entertainment Corporation (or **Relude** or **Rovio Mobile**)

[10] *Angry Birds* was based off of this game developed by the studio Armor Games. This flash game involves using a trebuchet to kill the inhabitants of the title structures.

ANSWER: **Crush the Castle**

10. This dynasty was the first Persian dynasty since the Sassanids to establish a unified Persian state. For 10 points each:

[10] Name this dynasty, which was established by Shah Ismail I in 1501.

ANSWER: The **Safavids**

[10] The Safavids spread this branch of Islam in Persia. The Safavids established the Twelver school of this Branch of Islam as the official religion of Persia.

ANSWER: **Shia** Islam (or **Ithnā'ashariyyah**)

[10] Nader Khan overthrew the last Safavid Shah and established this dynasty that lasted from 1736-1796. This dynasty sprung from a namesake Turkic tribe from Khorasan.

ANSWER: **Afsharid** Dynasty

11. Answer the following about the page “Etymology Memes for Reconstructed Phonemes.” For 10 points each:

[10] One meme from the page depicts Man-Ray from Spongebob arguing with a resident of this nation about their language’s similarity to their neighbour Serbia’s. This nation is known as “Hrvatska” in its native language.

ANSWER: The Republic of **Croatia**

[10] A favourite target of the page is the existence of this largely debunked language family. This proposed language family allegedly contains the Turkic, Mongolic, and Tungusic languages.

ANSWER: **Altaic** languages

[10] Another meme from the page depicts Noam Chomsky yelling “why can’t you be normal” at this language, which screams in response. Speakers of this language of a tribe in the Brazilian Rainforest call people who speak other languages “crooked head,” and this language is the only surviving dialect of Mura.

ANSWER: **Pirahā** language (or **Pirahán**)

12. Created in 2002 and regarded by many critics as one of the greatest television series of all time, for 10 points each:

[10] This American crime drama produced by David Simon depicts different institutions in the city of Baltimore and its relationship to law enforcement.

ANSWER: **The Wire**

[10] “A man’s gotta have a code” has been referenced in other shows like Community and Game of Thrones. This quote is said by Omar Little, played by this actor who would go on to play other iconic roles such as Albert “Chalky” White in Boardwalk Empire

ANSWER: Michael K **Williams**

[10] Simon would go on to produce this 2016 show, the story of the legalization and rise of the porn industry in New York during the 70s. This show stars James Franco and Maggie Gyllenhaal.

[10] **The Deuce**

13. Flavor Flav rose to prominence as a member of this hip-hop group that released *It Takes a Nation of Millions to Hold Us Back*. For 10 points each:

[10] Name this Hip-Hop Group, who released the song “Fight the Power” in 1989 as part of the soundtrack for the film *Do the Right Thing*.

ANSWER: **Public Enemy**

[10] Public Enemy released this album in 1990 after the success of *It Takes a Nation of Millions to Hold Us Back*. This album featured a different version of “Fight the Power,” as well as the song “9-1-1 is a Joke.”

ANSWER: **Fear of a Black Planet**

[10] “9-1-1 is a Joke” sampled this song by the funk band Parliament. In 2011 the magazine *Rolling Stone* placed this song at number 202 on its list of the 500 greatest songs of all time.

ANSWER: “**Flash Light**”

14. The French sixth is often replaced by the Italian sixth because common resolutions often contain this entity. For 10 points each:

[10] Name this harmonic entity. If the alto and tenor voices are C and G for one chord, moving to D and A in the next chord will create one of these entities.

ANSWER: **parallel fifths**

[10] In the Italian sixth of C major in four part harmony, this note is doubled to avoid the parallel fifth. This note is the tonic of C major, and its major scale has no sharps or flats.

ANSWER: **C**

[10] The earliest forms of genre of music developed in the Middle Ages was a plainchant melody with another line a fifth or fourth away from the melody. Leonin and Perotin worked in this genre for the Notre Dame School.

ANSWER: **organum**

15. Benevento Calcio's first Serie A point was accomplished through this action. For 10 points each:

[10] Name this action that most often occurs when a particular athlete known for their defense elects to take free kicks or penalties.

ANSWER: **goalkeeper scoring** a goal [accept synonyms for goalkeeper such as [goaltender, netminder, goalie or keeper]

[10] With 131 goals, this athlete is the all-time leader in soccer goals by a goalie. This athlete played 14 years with São Paulo FC and backed up Marcos en route to winning the 2002 World FIFA Cup.

ANSWER: Rogério **Ceni**

[10] José Luis Chilavert is the only soccer goalie to have scored this many goals in a single game. Mostly in hockey, scoring this many goals in a game will result in fans throwing a particular item of clothing onto the ice.

ANSWER: **3**

16. Answer some questions about the webcomic *Hark! A Vagrant*. For 10 points each:

[10] This Nova Scotia-born artist writes *Hark! A Vagrant*. She released a comic collection entitled *Step Aside, Pops* in 2015.

ANSWER: Katheryn Moira "Kate" **Beaton**

[10] A recurring character in Beaton's work is this love interest of Elizabeth Bennet from *Pride and Prejudice*. In one strip featuring this character, this character making love causes all men in a 20 mile radius to "turn gay."

ANSWER: **Fitzwilliam Darcy** (accept either, or **Mr. Darcy**)

[10] Another recurring character in Beaton's work is a Fat one of these animals. Beaton would later release a children's book about a Princess and one of these animals.

ANSWER: A Shetland **Pony** (prompt on "Horse")

17. These entities are formed through homolytic bond cleavage, which in the atmosphere, is a common photochemical mechanism for the breakdown of ozone. For 10 points each:

[10] Name these chemicals that possess unpaired electrons.

ANSWER: free **radicals**

[10] In a reaction, describe how one draws a radical mechanism where one electron is transferred instead of two electrons.

ANSWER: **fishhook** arrow [or any description of the arrow being "one sided" or "one headed"]

[10] This common radical reaction initiator consists of two 2-cyanopropyl groups attached via a double bond between two other nitrogen atoms, which breaks down to form dinitrogen gas and two 2-cyanopropyl radicals.

ANSWER: **AIBN** or **Azobisisobutyronitrile**

18. Answer some questions about wars between England and Scotland for 10 points each.

[10] This battle was fought between Robert the Bruce and Edward II outside Stirling Castle. The Scottish victory at this 1314 battle established their de facto independence from England.

ANSWER: The Battle of **Bannockburn**

[10] This Scottish leader resigned as guardian of Scotland after their loss at the Battle of Falkirk. This Scottish leader was hung drawn and quartered by the English in 1305, and had his life dramatised in the film *Braveheart*.

ANSWER: Sir William **Wallace**

[10] This Scottish King was killed at the battle of Flodden while invading England. This Scottish king became the last monarch from the British Isles to die in battle.

ANSWER: **James IV** Stewart

19. The cast of the *Harry Potter* movies have been in many other literary adaptations. For 10 points each:

[10] Ralph Fiennes, who played Voldemort, appeared as Amon Goeth in this film, an adaptation of a differently-titled Thomas Keneally novel. This film starred Liam Neeson as the title Jew-saving Nazi.

ANSWER: **Schindler's List**

[10] This actor, who played Sybil Trelawney, won Oscars for their work on adaptations of E.M. Forster's *Howard's End*, and Jane Austen's *Sense and Sensibility*.

ANSWER: Emma **Thompson**

[10] This actor played Ginny Weasley in the *Potter* movies. In 2013, this actor appeared in an adaptation of Irish novelist John Banville's *The Sea*.

ANSWER: Bonnie Francesca **Wright**

20. Answer some questions about Nigerian literature, for 10 points each:

[10] This author created the character Ifemelu in 2013's *Americanah*, a love story that spans the U.S., U.K. and Nigeria. This author also framed the novel *Half of a Yellow Sun* against the Biafran War.

ANSWER: **Chimamanda** Ngozi **Adichie** (accept either underlined portion)

[10] This novel, which was followed by the sequel *No Longer at Ease*, depicts the erosion of Igbo culture after the white man's arrival in the fictional village of Umuofia. The protagonist of this novel, Okonkwo, characterizes the "hard-man" archetype prevalent in Nigerian literature.

ANSWER: **Things Fall Apart**

[10] This author set the novel *The Interpreters* in the period just after Nigeria's independence. This author also created the characters of Sidi, Lakunle and Baroka in *The Lion and the Jewel*.

ANSWER: Akinwande Oluwole "Wole" Babatunde **Soyinka**