

Tossups

1. **This leader's wife recently came under fire for underreporting the cost of a porcelain dinner service by a factor of 10. One of this leader's security guards, Alexandre Benalla, was fired after he assaulted two protestors and had his links to organized crime revealed. This leader opted to continue Operation Barkhane, a military intervention in the Sahara begun by his predecessor. This leader described wanting a (*) "Jupiterian" model of his nation's presidency in an interview. This leader founded a party whose name translates to "the republic on the move" after splitting away from his country's Socialist Party. This leader defeated the National Front of Marine Le Pen in the second round of a presidential election. For 10 points, name this current president of France.**

ANSWER: Emmanuel Macron

2. **This game removed an offensive depiction of one character as a Native American that was intended to be a reference to the game *Fire Attack*. During this game's development, one theory about unrevealed characters was based on the colours of two chairs in an announcement video. New power-ups debuting in this game include the rage blaster, the beastball, and the healing field. Dharkon and (*) Galeem are the two main bosses in this game's adventure mode. Characters that made their first series appearance in this game include Isabelle, Incineroar, and Ridley. The adventure mode in this game is known as the "World of Light." For 10 points, name this most recent entry in a fighting game featuring Nintendo characters.**

ANSWER: Super Smash Bros. Ultimate [do not accept or prompt on "Super Smash Bros." but prompt on "Smash" or "Super Smash"]

3. **In a play by this author, the drifter Val is framed for a murder by Jabe. In a play by this author, Karen Stone's husband dies on a flight to Rome, following which she gets involved with the gigolo Paolo di Leo. A gigolo also appears in a play by this author featuring the actress Princess Kosmonopolis and the politician Boss Finley. This author reworked the play *Battle of Angels* into *Orpheus Descending*. This author wrote of Catherine Holly's scandalous revelations of how (*) Sebastian Venable died in one play. This author of *The Roman Spring of Mrs. Stone* and *Sweet Bird of Youth* also created a family consisting of Tom, Laura, and Amanda. That play by this author of *Suddenly*, *Last Summer*, focuses on the Wingfield family. For 10 points, what American dramatist wrote *The Glass Menagerie* and *A Streetcar Named Desire*?**

ANSWER: Tennessee Williams

4. **This book was published in the same year as a less popular book on its subject written by Isidore Ndaywel è Nziem. This book praises the work of Jules Marchal as the "best scholarly overview by far" of its subject. This book begins with a prologue titled "The Traders are Kidnapping Our People" and ends with a chapter titled "The Great Forgetting." This book takes its title from a passage in a (*) Vachel Lindsay poem subtitled "A Study of the Negro Race," which mentions how the titular figure is "burning in Hell for his hand-maimed host." Written by Adam Hochschild, for 10 points, name this popular History book about the exploitation of the Belgian Congo under the titular king.**

ANSWER: King Leopold's Ghost

5. **This director's first movie depicts an Indian-American returning to his country of birth and is titled *Praying With Anger*. This director was inspired by children's stories to write a movie about a conflict between the Narfs and the Scrunts. One of this director's films takes inspiration from comic book panels to create purple and green visual motifs, and features a poncho-clad security guard with a fear of (*) water. In one film by this director, a dying woman's directive to "tell Merrill to swing away" helps a family survive an invasion of hydrophobic aliens. That movie is *Signs*. In another film by this director, a boy tells a**

psychologist that he can see dead people. For 10 points, name this director of *The Sixth Sense*, known for his twist endings.

ANSWER: M. Night Shyamalan

6. In one essay this philosopher argues that scientists may search for patterns in appearance but should not talk about causation or existence, and that forces like gravity don't really exist. This thinker argued that the ratio between a circle's circumference and its diameter cannot be a rational number and that the ratio varies from one circle to another. This person argued that a grain of wheat is small to us but is large to a flea in order to argue that extension is not an (*) objective property. Since a material can't exist without extension, this philosopher therefore claimed that for material things *esse est percipi*. For ten points, name this Scottish immaterialist philosopher who wrote "to be is to be perceived" in works like *The Principles of Human Knowledge*, and *Three Dialogues Between Hylas and Philonous*.

ANSWER: George Berkeley <AF>

7. In 2012 this group recorded a cover of the Smiths' "There is a Light that Never Goes Out" for French rock station Oui.fm. In one song by this group, the singer implores "inject your soul with liberty/ It's free, it's free". That song is "Salvation" and appears on this group's album *To the Faithful Departed*. The singer of this group says "my father, he liked me/ does anyone care" in (*) "Ode to My Family", one of this group's hits off their debut album, *Everybody Else is Doing it So Why Can't We*. In another song by this group, the singer states "in your head they are fighting/with their bombs, and their guns" in reference to the IRA. For 10 points each, name this band formerly fronted by the late Dolores O'Riordan, with songs like "Linger" and "Zombie".

ANSWER: The Cranberries

8. The men's 2012 and 2016 Olympic discus events were won by a pair of brothers from this country, the first of which celebrated by ripping his shirt and then running a lap of hurdles. A World Cup soccer game held in this country saw a record high 16 yellow and 4 red cards. At the 2018 Winter Olympics, this country had the best luge and bobsleigh results, including sharing a gold medal with Canada. This country's (*) men's hockey team upset Canada in the semifinals of the 2018 Olympic tournament. This country was eliminated from the 2018 FIFA World Cup playoff round after a 2-0 loss to South Korea. For 10 points, name this country that won the 2014 FIFA World Cup, which involved a 7-1 drubbing of Brazil.

ANSWER: Germany

9. The index of refraction in these materials is described by the Appleton-Hartree equation. A method of dry etching using this material was patented by the Bosch company. Lyman Spitzer names an equation to calculate the electric resistance in these materials. A parameter named for these materials is equal to 4 pi times the cube of the Debye length. Debye sheaths in these materials were first described by (*) Irving Langmuir. The time evolution of the distribution function of these materials can be calculated using the Vlasov equations. Alfvén waves can form in these materials, which are modelled using magnetohydrodynamics. Ionized gasses such as lightning exemplify, for 10 points, this fourth state of matter.

ANSWER: plasmas

10. This game removed an offensive depiction of one character as a Native American that was intended to be a reference to the game *Fire Attack*. During this game's development, one theory about unrevealed characters was based on the colours of two chairs in an announcement video. New power-ups debuting in this game include the rage blaster, the beastball, and the healing field. Dharkon and (*) Galeem are the two main bosses in this game's adventure mode. Characters that made their first series appearance in this game include Isabelle, Incineroar, and Ridley. The adventure mode in this game is known as the "World of Light." For 10 points, name this most recent entry in a fighting game featuring Nintendo characters.

ANSWER: Super Smash Bros. Ultimate (prompt on "Smash Bros.")

11. At one point, the main character of this film describes how “Chekhov saw the long winter,” which was “bleak and dark and bereft of hope.” The main character of this film is approached by an insurance agent who recounts how he did a “whistling belly button trick” at a high school talent show and repeatedly uses the word “bing.” A repeated motif in this film is the song (*) “I Got You Babe” by Sonny and Cher being played from a clock radio at 6 in the morning. At one point in this movie, the protagonist drives off a cliff with a rodent in a red pickup truck. The protagonist of this film wakes up on February 3rd with Rita Hanson. For 10 points name this Harold Ramis movie starring Bill Murray about a man stuck in a time loop.

ANSWER: Groundhog Day

11. In one spinoff game from this series for iOS, soldiers cannot move backwards due to their observance of Bushido. One aborted game from this series subtitled “arena” that never made it out of open beta was notably published by Belarusian *World of Tanks* developer Wargaming. In one game in this series, one faction is divided between the (*) Scipii, the Brutii, and the Julii. Expansion packs for various games in this series include ones titled “Kingdoms,” “Fall of the Samurai,” and “Barbarian Invasion.” In 2016 and 2017, this strategy game series released two games set in the *Warhammer* fantasy universe. For 10 points name this game series developed by Creative Assembly that feature games entitled “Shogun,” “Empire,” and “Rome.”

ANSWER: Total War

12. This poet asked a caliper why “do you scratch your buttocks” in the poem “Last Looks at the Lilacs”, and the poet Crispin is dubbed “The Socrates of Snails” in this author’s “The Comedian as the Letter C”. A work by this poet opens “Begine, ephebe, by perceiving the idea of this invention”, and says the title art “must change”, “must give pleasure”, and “must be abstract”. The title object of one of this author’s poems “did not give of bird or bush, like nothing else in Tennessee”, while a different poem by this author says (*) “A man and a woman are one”, and references “the thin men of Haddam”. That poem by this author of “Anecdote of the Jar” says that “among twenty snowy mountains, the only thing moving was the eye” of the title subject. For 10 points, what author of the collection *Harmonium* wrote “Thirteen Ways of Looking at a Blackbird”?

ANSWER: Wallace Stevens

13. The first movement of one work in this genre unusually features a motif of a half note and dotted half note marked *forte* immediately followed by a quarter note marked *piano*. Other than the unfinished *Art of Fugue*, another work in this genre is usually conjectured to be the last work by J.S. Bach, and was likely written as part of a petition to gain a court title. Many works in this genre from the Renaissance were based on a *cantus firmus* called (*) “L’homme armé”, and the first complete work in this genre was composed by Guillaume de Machaut. This genre is usually divided into two types called proper and ordinary. For 10 points, J.S. Bach wrote a B minor example of what kind of liturgical work, whose first movement is the Kyrie? Answer: mass (or missa, messe, Missa Solemnis, do not prompt on requiem)

14. The title track of one of this band’s albums repeats the phrases “we like you and want to help you,” and “somebody loves you don’t you know it.” A different title track from one of this band’s later albums describes how people watch reruns of John F. Kennedy’s assassination and declare “Hey Mom, there goes a piece of the president’s brain!” A more famous title track off an album by this band behind (*) “Arthur” and “Give the People What They Want” declares “God save Donald Duck, Vaudeville and Variety.” The subject of another title track from one of this band’s albums is encountered in a club in North Soho where “you drink Champagne and it tastes just like Coca-Cola.” For 10 points name this British band behind “The Village Green Preservation Society” and “Lola.”

ANSWER: The Kinks

15. One gubernatorial candidate from this state was attacked for accepting “Hamilton” tickets from an undercover FBI agent. This state saw election irregularities after a county clerk printed a ballot that had an important senate race at the bottom. This state’s only Democratic statewide elected official before

2018, a former astronaut, was defeated after irregularities in Frederica Wilson’s congressional district. This state’s representatives, Carlos (*) Curbelo and Ileana Ros-Lehtinen, both saw their seats won by Democrats in the 2018 midterm elections. This state’s gubernatorial race saw Andrew Gillum lose to Ron DeSantis, and this state’s former governor, Rick Scott, defeated its senator, Bill Nelson. For 10 points, name this state where Cuban voters in Miami helped win multiple statewide races for Republicans.

ANSWER: Florida

16. One 2018 book from this nation called 102,000 Names lists the known victims of Nazi Persecution from this nation. A priest from this nation named Titus Brandsma was killed in Dachau Concentration Camp for protesting against Nazism. A Communist party in this nation organized the February Strike to protest the deportation of Jews during the Nazi Occupation of this country. The (*) Henneicke column was a group of Nazi collaborators who hunted Jewish citizens of this country, and Anton Mussert was a prominent fascist leader from this nation. The Government of this nation established a refugee camp for Jews at Westerbork that was later commandeered by the Nazis to act as a transit camp. This nation endured a famine in the winter of 1944-45 known as the “Hunger Winter.” For 10 points, name this country where the Anne Frank House is located.

ANSWER: The Kingdom of the Netherlands (or Koninkrijk der Nederlanden, Reichskommissariat Niederlande)

17. Hbomberguy, in a video essay about the works of this creator, indicates the insular nature of the BBC in that this creator’s wife and mother-in-law were producers of his series, *Coupling*. Another of this writer’s works include the series *Jekyll*, a modern–retelling of Jekyll and Hyde. This person wrote the episode “The Empty Child”* for another series, in which a mysterious object crash-lands in World War II era England. This creator also wrote the episode “Blink” for that series; he would later become the series show runner. This writer was criticized for including “yellow peril” conspiracies in another of his shows, and this writer worked with Mark Gatiss on that series. That series’ pilot, written by this person, focused on a series of poison-pill murders in London and a “Study in Pink”. For 10 points, name this British writer and show-runner of shows such as *Doctor Who* and *Sherlock*.

ANSWER: Steven Moffat

18. The year this athlete turned 25, he recorded only 12 strikeouts in over 600 plate appearance and they recorded more home runs than strikeouts in 5 seasons. In this player’s first World Series, they collected only three hits in 20 plate appearance, but went on to record 71 World Series hits in their career - the most in world series history. This player lead the league in errors at their position three times, while still winning the MVP in two of those years, (*) 1951 and 1956. This player’s three career MVP’s make him tied with Roy Campanella for most MVP awards by a catcher. This player and later manager, made 22 world series appearance, winning 13 during their time with the Mets and Yankees. for 10 points, name this New York Yankee catcher, known for his odd sayings.

ANSWER: Yogi Berra <AF>

19. The base of the index fossil Fusulinacea in from this period’s Kasimovian stage, which succeeded the Moscovian stage. This period was preceded by the anoxic Hangenberg event that led to a mass extinction. A fifteen million year near the beginning of this period is missing from the fossil record, which is known as Romer’s gap. During this period, the Ural Ocean formed the modern Ural mountains and the Alleghanian orogeny formed the (*) Appalachian mountains. This period is split into the earlier Mississippian and the later Pennsylvanian, which ended with a minor extinction event after the collapse of this period’s massive rainforests. For 10 points, name this period named for global coal deposits.

ANSWER: Carboniferous

20. The song “The One” by Elena Siegman is sung from the point of view of one of these things. These things exist under the control of Samantha Maxis until she switches bodies with someone on the moon. A

set of characters that fight these creatures include Takeo Masaki, Nikolai Belinski, and Tank Dempsey. The appearance of a teddy bear out of a (*) box with question marks on it will change the box's location in a game mode centered around these creatures. These creatures are fought using power ups in the forms of beverages like Juggernog and Speed Cola. These creatures are fought on maps like Shi No Numa, Der Riese, and Kino Der Toten. For 10 points give these creatures fought in a side mode of *Call of Duty* games.

ANSWER: **Zombies** (prompt on "the undead." accept specific types of zombies; players may buzz with specific nationalities)

Bonuses

1. In one appearance, this character wakes up on an unnamed beach shortly after the Trashcan Man detonates an atomic bomb. For 10 points each,

[10] Name this recurring antagonist of books like *The Stand* and *The Eyes of the Dragon*. The beginning of one book notes that this man "fled across the desert, and the gunslinger followed".

ANSWER: **Randall Flagg** (or the **Man in Black** or **Walter O'Dim** or **Marten Broadcloak** or **Walter Padick** or **Bill Hinch** or **Russell Faraday** or **Richard Fannin** or **Richard Freemantle** or **Rudin Filaro** or **Richard Fry** or **Robert Franq** or **Ramsey Forrest** or the **Covenant Man** or the **Walkin' Dude** or the **Dark Man** or the **Hardcase** or the **Ageless Stranger**) (accept either underlined for proper names) (accept either underlined for proper names)

[10] The Man in Black is the primary antagonist of this book series, named after the title building at the center of the world hunted by gunslinger Roland Deschain.

ANSWER: The **Dark Tower** series

[10] The *Dark Tower* series is by this "master of horror". He used the Dark Tower series to build a common universe between books like *Salem's Lot* and *It*.

ANSWER: Stephen **King**

2. This author included the murderous Jean Pierre and the psychic Germaine in their magical realist gothic novel *Bellefleur*. For 10 points each:

[10] Identify this Islamophobic author who wrote of a young girl entering a car with a sinister man in "Where Are You Going, Where Have You Been?"

ANSWER: Joyce Carol **Oates**

[10] Oates's novel *The Accursed* is a gothic novel involving vampires and curses plaguing the wealthy residents of this city. Amory Blaine is a student at a university in this city in F. Scott Fitzgerald's *This Side of Paradise*.

ANSWER: **Princeton**, New Jersey

[10] Clara Walpole's rise out of poverty is the subject of this Oates novel, which is titled after a Bosch triptych that shows the creation of Eve on the left panel, and the damnation of the sinful on the right.

ANSWER: **A Garden of Earthly Delights** [or "**The Garden of Earthly Delights**" since that's the painting's title]

3. This athlete is the winner of the 2016 Australian and US Opens as well as the 2018 Wimbledon. For 10 points each:

[10] Name this German tennis star who recently lost the finals of the Indian Wells Masters to Bianca Andreescu.

ANSWER: Angelique **Kerber**

[10] In 2016 and 2017, the number 1 female tennis player ranking bounced between Kerber and this American, who lost all those finals to Kerber and also the 2018 US Open to Naomi Osaka.

ANSWER: **Serena Williams**

[10] Kerber lost the 2016 Olympic finals to this athlete who has yet to find success at the Majors, with only the 2014 Internationaux de Strasbourg as a WTA Championship.

ANSWER: Monica **Puig**

4. A 1970 song declares that this event "will not be televised." For 10 points each:

[10] Name this event. In a Beatles song, they ask the listener “You say you want” one of these events.

ANSWER: The **Revolution**

[10] “The Revolution Will Not Be Televised” is a seminal work by this Soul Poet and “Bluesologist.” This man released the albums *Pieces of a Man* and *Winter in America* in the 1970s.

ANSWER: Gilbert “Gil” **Scott-Heron**

[10] Scott-Heron formulated “The Revolution Will Not Be Televised” as a response to the poem “When the Revolution Comes” by this group of African American poets which included Abiodun Oyewole, Alafia Pudim, and Omar Ben Hassen.

ANSWER: The **Last Poets**

5. In this book, Onan is struck down by God for spilling his seed when he performs coitus interruptus. For 10 points each:

[10] In what book of the Bible is the story of Tamar told, who disguises herself as a prostitute to get impregnated by her father-in-law?

ANSWER: **Genesis**

[10] Tamar’s father-in-law is this patriarch, through his line David, and ultimately Jesus are born. This patriarch names the kingdom that breaks away from Israel.

ANSWER: **Judah**

[10] Judah is the son of this man and his first wife, Leah. This son of Isaac and Rebekah fought with his brother, Esau.

ANSWER: **Jacob**

6. Answer some questions about the Kathleen Kennedy self-inserts in the Star Wars franchise, for 10 points each:

[10] Daisy Ridley was introduced as Rey in this seventh installment of Star Wars.

ANSWER: *Star Wars: **The Force Awakens***

[10] Emilia Clarke played this character in the standalone movie, *Solo*, that bombed at the box-office. This character grew up with Han, as “partners in crime”, according to Clarke.

ANSWER: **Qi’ra**

[10] *Rogue One*’s Jyn Erso was played by this Oscar-nominated actress. More recently, she played Ruth Bader Ginsberg in *On the Basis of Sex*.

ANSWER: Felicity **Jones**

7. This number was shown in March 2019 to be the sum of 3 cubes of 16 digit numbers. For 10 points each:

[10] Name this two digit number that is also the largest that cannot be expressed as the sum of triangular numbers.

ANSWER: **33**

[10] The number zero cannot be the sum of three cubes, as $a^3 + b^3 = c^3$ cannot equal c^3 for nonzero integer values of C according to this person’s “last” theorem

ANSWER: Pierre de **Fermat**

[10] To prove Fermat’s last theorem, Andrew Wiles proved the modularity theorem for curves named for these shapes. This shape is produced when an inclined plane intersects the entire body of cone lengthwise.

ANSWER: **ellipse**

8. Notes on a screen test for this actor reportedly read: “Can’t sing. Can’t act. Balding. Can dance a little”. For 10 points,

[10] Name this golden-age legend of Hollywood musicals, known for films like *Top Hat* and *Swing Time*. His cinema dance partners included Rita Hayworth, Cyd Charisse, and Eleanor Powell.

ANSWER: Fred **Astaire**

[10] Astaire’s most prominent dance partner was this actor. She also starred in films like *Kitty Foyle* and *Gold Diggers of 1933* and notably did everything Astaire did “backwards and in high heels”.

ANSWER: Ginger **Rogers**

[10] This pre-code Busby Berkeley film was Rogers' breakthrough, casting her as "Anytime Annie". This film depicts the desperate production of a Depression-era show and includes numbers like "Shuffle Off to Buffalo".

ANSWER: **42nd Street**

9. Answer some questions about the real-world sites important to the development of the World Wide Web, for 10 points each:

[10] The internet as we know it today has its roots in ARPANET, a Department of Defense initiative out of 3 universities, which had computers which connected to each other. One was at Berkeley, one was in Santa Monica, and one was at which non-Ivy League university in Cambridge, near Boston?

ANSWER: **Massachusetts Institute of Technology**

[10] Ashburn, a city in this state, is home to over 60 massive data centers responsible for routing approximately 70 percent of the world's internet traffic. Ashburn is located within this state's Dulles Technology Corridor, which is named after the closest international airport.

Answer: **Virginia**

[10] Established in 1997 as a means of receiving continuous data from low altitude polar orbiting satellites, the Satellite Station in this territory is home to the farthest north permanent routing server, and its 31 antenna systems make it the largest commercial ground station in the world. This territory's largest island is Spitsbergen.

Answer: **Svalbard**

10. This conference took place at Province House in early September of 1864. For 10 points each:

[10] Name this conference, where delegates discussed Canadian confederation in the largest city on Prince Edward Island.

ANSWER: The **Charlottetown** Conference

[10] One of the few Canadian delegates who had visited the Maritimes before the Charlottetown Conference was this publisher of the Montreal newspaper *New Era*. This father of confederation was assassinated by Patrick J. Whelan in 1868.

ANSWER: Thomas D'Arcy Etienne Grace Hughes **McGee** (Or D'Arcy **McGee**)

[10] Another Father of Confederation from Quebec was this leader of the Parti Bleu who served as Premier of Canada East from 1858-1862. This man served as first minister of Militia and Defence under Sir John A. MacDonald.

ANSWER: Sir George-Étienne **Cartier**, 1st Baronet

11. In this song, the singer describes how he "touched down in the land of the Delta Blues/ In the middle of the pouring rain". For 10 points each,

[10] Name this 1991 song by Marc Cohn about his experiences with the music tradition of a Tennessee city.

ANSWER: **"Walking in Memphis"**

[10] Cohn mentions that he saw the ghost of this singer in his mansion, Graceland. This original rock 'n' roll superstar recorded smashes like "Heartbreak Hotel", "Jailhouse Rock", and "Burning Love".

ANSWER: **Elvis Presley** (accept either underlined)

[10] Cohn asks this blues pioneer to "look down over" him. This "Father of the Blues" is known for compositions like "Memphis Blues", "Saint Louis Blues", and "Beale Street Blues".

ANSWER: W.C. **Handy**

12. Answer some questions about TV series that began and ended in the 2002/2003 year, for 10 points each:

[10] It's been 17 years, but the loss of this short-lived space western series is still keenly felt. Probably a tough year for its creator, as his other show, *Buffy the Vampire Slayer*, also ended.

ANSWER: **Firefly**

[10] This show also only lasted a single season, despite being based on the highest grossing romantic comedy of all time. It followed Nia and Thomas adjusting to being married.

ANSWER: **My Big Fat Greek Life**

[10] This Canadian-American cartoon featured the voice talents of Will Forte and Phil Lord, among others. It prompted hunger strikes in India in response to its portrayal of Gandhi.

ANSWER: **Clone High**

13. This character slips into heaven when the angels flee upon hearing a fawning Robert Southey work. For 10 points each:

[10] Identify this character, the subject of Southey's "A Vision of Judgment" and a different poet's satirical "The Vision of Judgment". In a musical work, this character sings the songs "You'll Be Back" and "What Comes Next?"

ANSWER: **George III**

[10] The satirical work mentioned earlier was of course written by this poet of "Childe Harold's Pilgrimage" and "Don Juan", who also excoriated Southey in *English Bards and Scotch Reviewers*.

ANSWER: Lord **Byron**

[10] This Byron poem laments how age is preventing him from partying "so late into the night". This poem states "The night was made for loving, and the day returns too soon".

ANSWER: "**So we'll go no more a-roving**"

14. For ten points each, answer some questions about a certain video game developer.

[10] This developer and publisher is responsible for popular franchises such as Starcraft, World of Warcraft and Diablo. In 2008 Activision merged with Vivendi Games and the resulting company used this company's name.

ANSWER: **Blizzard** Entertainment Inc. (Prompt on Activision Blizzard)

[10] Set in the Warcraft universe, Blizzard's trading card game, Hearthstone, launched in 2014 and this first expansion came out in December of that year.

ANSWER: **Goblins vs. Gnomes (GvG)**

[10] Another Blizzard game is this 2016 FPS where players choose from characters such as Genji, Junkrat, and Winston and can join a 6-person team in game modes such as Assault or Escort.

ANSWER: **Overwatch** <AF>

15. The empire of this group of nomadic people was founded by Modu Chanyu. For 10 points each:

[10] Name this group of nomads who rose to power after defeating the Yuezhi.

ANSWER: The **Xiongnu** (SHUNG-noo)

[10] The Xiongnu were ultimately defeated by the forces of this Chinese dynasty in a series of conflicts lasting from 133 BCE to 89 CE. Emperor Wu of this dynasty, born Liu Che, began the offensive campaigns against the Xiongnu.

ANSWER: The **Han**

[10] Several controversial theories identify the Xiongnu as with this group of nomads who fought the Romans at the battle of the Catalaunian Plains. This group of nomads were famously led by Attila.

ANSWER: The **Huns**

16. Perhaps because no one liked them, or perhaps because no one knew how they'd move, not many people painted these mythical creatures. For ten points each, answer some questions about a certain mythological race as they appear in art.

[10] Some of these creatures were depicted by Sebastiano Ricci in his painting of their battle with the Lapiths. Hercules can be seen about to kill one of these half-horse half-human creatures in the background of Guido Reni's "Nessus and Deianeira".

ANSWER: **Centaur**s

[10] "Pallas and the Centaur" is a work by this artist and has been proposed to be companion piece to another work of theirs in which the top of the canvas shows Cupid aiming towards the three Graces, who are dancing next to Venus in a grove of oranges.

ANSWER: Sandro **Botticelli**

[10] One centaur mounts another in “The Loves of the Centaurs” by this Flemish artist whose oil sketch “Achilles Educated by the Centaur” was part of an eight-part series on Achilles.

ANSWER: Peter Paul **Rubens** <AF>

17. A show by these two sportscasters started as an afternoon radio show on CJCL in 2011 before going on TV in 2015. For 10 points each:

[10] Name these two Toronto based sportscasters that host the most watched sports programming in Canada on the weeknight 5pm to 7pm slot, beating out Sportscentre.

ANSWER: **Tim Micallef** and **Sid Seixeiro** [accept either underlined portion for either name]

[10] Tim and Sid’s namesake show airs on this sports channel, rival to TSN. This channel and CBC sports have exclusive national rights to air NHL games.

ANSWER: **Sportsnet**

[10] Sportsnet and TSN had wall to wall coverage of this event on Monday, February 25, culminating in a final hour from 2 to 3 PM Eastern. TSN made up a fake mascot for this event, but it “died” at the end of day because it didn’t get enough laughter.

ANSWER: **NHL Trade Deadline** [prompt on partial answer]

18. Answer some questions about the early days of Dreamworks Animation. For 10 points each,

[10] The studio’s first release was 1999’s *Antz*, a story about an ant colony that caused controversy when released in parallel with this *Seven Samurai*-inspired Pixar movie about insects resisting a group of marauding grasshoppers.

ANSWER: ***A Bug’s Life***

[10] Dreamworks Animation’s third release was this movie about two Spanish ne’er-do-wells attempting to find an ancient lost city of gold in the new world. It ended up losing several million dollars for the studio.

ANSWER: ***The Road to El Dorado***

[10] The studio’s most memorable character is perhaps this drone who longs for a better life outside the hive. After visiting a grocery store, this Jerry Seinfeld-voiced character sues honey profiteers like Ray Liotta.

ANSWER: **Barry B. Benson** (accept either underlined)

19. This effect is split into component effects, such as improved offspring care while there is an increased population size, and demographic effects where the long term size of the population changes. For 10 points each:

[10] Name this effect in which fitness of an organism is positively correlated with the size of a population at smaller population sizes.

ANSWER: **Allee** effect

[10] Without the allee effect at small populations, size tends to grow in this manner, where the population at the next time step is some constant times the old population size. With continuous breeding, this growth model can be modelled using the equation e to the x .

ANSWER: **exponential**

[10] Without the allee effect, a basic logistic model slows down growth relative to an exponential model by what factor that is between 0 and 1? A description is acceptable.

ANSWER: proportion of the **carrying capacity** [accept **k** for carrying capacity]

20. One work in this genre climaxes in a section marked *colossale* following an extremely long cadenza. For 10 points each:

[10] Name this genre of five works by Prokofiev, the third of which begins with a clarinet solo.

Answer: **piano concerto**

[10] This other Russian composer of *Rhapsody on a Theme of Paganini* wrote four piano concertos, of which the second and third are most famous.

Answer: Sergei **Rachmaninoff**

[10] Rachmaninoff's third piano concerto has a difficult alternate cadenza designed by this name. This Italian name is generally used to indicate alternate music passages the performer can choose to play.

Answer: **ossia**