

Tossups:

1. Born in 1938 in Millersport, New York, she started her education in a one-room school house, and now teaches at Princeton. One of her most well known short stories is "Where are you going, where have you been?" inspired by the Bob Dylan song. She first gained national attention with the publication of *Sweeping Flood* in 1966, and she won the National Book Award in 1970 for *them*. For ten points, identify the writer of the novels *Rape: a Love Story*, *We Were the Mulvaney's*, and *Middle Age: A Romance*.

ANS: Joyce Carol Oates

2. There are at least 35,000 objects here that are greater than 100 kilometers in diameter including 2003 UB 313 AND 2004 DW. Occasionally, the orbit of the objects in this region will be disturbed by the interaction of the giant planets in such a way as to cause the object to cross the orbit of Neptune. In fact, Neptune's moon Triton is thought to be a captured object from this area. For 10 points, name this disk-shaped region that extends roughly from 30 to 50 astronomical units from the Sun containing many small icy bodies.

ANS: Kuiper belt

3. The Hatti-Huyamun, a charter furthering the reforms first included in the Tanzimat, was included in this treaty. Other terms of this peace agreement included the internationalization of the Danube and the establishment of British and French protectorships over the Danubian provinces of Wallachia and Moldavia, that latter of which was also granted control over southern Bessarabia and the Danube delta from Russia. Meanwhile, Russia was also forced to return its gains in Asia in return for retaining its possessions in the southern Ukraine FTP, name this treaty which in 1856 brought the Crimean War to an end.

ANS: Treaty of Paris

4. In the 19th century it was known as the Logia and is now widely considered by scholars to be an integral part of the solution to the Synoptic Problem. The first person to hypothesize its existence in modern times was Herbert Marsh in 1801, but Schleiermacher also advanced the theory behind this (*) hypothetical document. Argument still exists as to whether it is simply a collection of sayings, to which the Gospel of Thomas lends credence, or whether it has a complete narrative structure. This is, FTP, what undiscovered source that accounts for the similarities in the gospels of Matthew and Mark and is a major component of the two source hypothesis?

ANS: Q Source/Gospel or Quelle or Savings Gospel Q or Synoptic Savings Source

5. A member of the Islamic Society of Engineers, he is a former mayor of a world Tehran. He studied civil engineering at Iran University of Science and Technology, and later served on the faculty there before earning his Ph.D in transportation engineering there. He became the sixth president of Iran after running under the campaign "It's possible and we can do it" and defeating Akbar Hashemi Rafsanjani in a run-off, receiving 62% of the vote. FTP, Name this leader of Iran, whose comments denying the Holocaust have earned him infamy in many Western circles.

ANS: Mahmoud Ahmadinejad.

6. In the foreground, a small pink slipper is shown flying through the air. Two small statues of cupids embracing appear in the background in the shade of vibrant green foliage. Deeper in the shadow is a bishop, smiling and setting into motion the title object. A man with a florid complexion lies in the bottom left corner in the bushes reaching up longingly at the title figure with his hat and enjoying a very pleasant view up said figure's skirt. In contrast with the darker greens that compose the whole of the painting, the central figure wears a billowing pink dress and smirks as she kicks off her slipper. FTP, identify this infamous sexually-charged painting by Jean-Honore Fragonard.

ANS: The Swing

7. It opens with the titular character announcing "And so begins the twelfth year of my idiotic war" and subsequently looking to the sky and maliciously thrusting upward his middle finger. When a blind bard referred to as The Shaper appears, the protagonist is amazed at how the singer can transmute reality by greatly embellishing the history of the Danes. Later, the titular character meets an existential dragon who lectures on the possibility of free-will and on time-space among other things. When the thane Unferth attempts to kill him, he mocks and throws apples at Unferth, refusing to grant the young idealist an honorable hero's death. It ends when the protagonist, having had his arm ripped off, stumbles into a fissure. FTP, name this modernist novel by John Gardner about a monster from the poem *Beowulf*.

ANS: Grendel

8. This element shares its name with an ill-fated satellite phone company. Discovered in 1803, it is the most corrosion-resistant metal known, and it was used as part of the alloy that the standard meter bar was made of. It is also used in high-dose radiation treatment of prostate cancer, as well as a catalyst for the carbonylation of methanol to produce acetic acid. For 10 points, name this transition metal, atomic number 77, best known for its anomalous presence at the K-T boundary.

ANS: Iridium

9. The treaty that founded this union was signed in London, rather than in any of the involved countries. This was because at the time the treaty was signed in 1944, World War II had forced the governments of all three countries into exile. The treaty creating it's Economic Union will expire in 2010. French and Dutch are the official languages of, for 10 points, this union which derives its name from the first few letters of each of its member countries: the Netherlands, Belgium, and Luxembourg.

ANS: Benelux Customs Union

10. When James the Anabaptist falls off a boat, this man stopped a would-be rescuer from jumping in after him, saying "The bay of Lisbon had been formed expressly for him to drown in". He contracts a horrible case of syphilis, is the subject of a painfully execution at the hands of the Spanish Inquisition, and becomes a slave on a Turkish galley; still, he nonetheless upholds his ridiculously optimistic philosophy. FTP, name this caricature of Gottfried Leibniz who teaches that this world is the "best of all possible worlds" in Voltaire's novel, *Candide*.

ANS: Dr. Pangloss

11. In the 1986 film, *The Aurora Encounter*, the alien is played by a real-life sufferer of this disease. Different from Werner's syndrome and Cockayne's syndrome in that it is not caused by defective DNA repair, it was first described by Dr. Jonathan Hutchinson in 1886. Recently, researchers discovered that a tiny, point mutation in a single gene, known as lamin A, causes death in children on average at the age of 13. For 10 points, name this extremely rare genetic disease, greek for old age, that affects approximately one in 8 million newborns worldwide.

ANS: Progeria (also accept Hutchinson-Gilford progeria)

12. A bird in flight connects the subjects in the foreground with the craggy mountains of the background in this 1565 painting. On the far left, two characters seem to be working at a forge, and the sign advertising their business hangs disfarred and at an angle. A snowy hill rises from the lower right-hand corner where ice-skaters skirt a frozen mill wheel, and then flattens out in the foreground where three title characters precede their dogs down the hill. For ten points, identify this painting by Pieter Bruegel the Elder.

ANS: Hunters in the Snow

13. He once said in an interview near the time of the release of his fourth album, *The Chase*, that he had more money than his grandchildren's grandchildren could spend. The album's first single, "We Shall Be Free," is said to be partially inspired by a homosexual family member. He recorded an album under the pseudonym Chris Gaines in 1999, but disappointing sales led to the cancellation of an associated film. Though he officially retired in 2001, he has released some new material under an exclusive sales agreement with Wal-Mart. For 10 points, name this country singer whose songs include "The Red Strokes," "The River" and "Friends in Low Places".

ANS: Garth Brooks

14. Surya to Hindus, or alternatively Garuda. Shamash to Babylonians. Lugh to the Celts, Huitzilopochtli [wee-tsee-loh-POCK-tlee] to the Aztecs. Amaterasu to the Japanese. (*) Aten in Akhenaten's heretical religion. Ra, in more conventional Egyptian religion. Helios, to Greeks. For 10 points, what role did each of these deities play?

ANS: Sun god/goddess

15. Though the fact that it remains unratified by Connecticut, Rhode Island, and Utah is occasionally used by opponents of its provisions as an excuse not to follow it, in addition to claims that different versions were signed by the different states that ratified it. It is also sometimes incorrectly argued that Ohio was technically not a state at the time of its ratification, and thus the amendment could not have ratified because Ohio was one of the original 36 states that ratified it. FTP, Name this amendment which overturned the case of *Pollock v. Farmers' Loan & Trust Co.* when it was passed in 1913.

ANS: Sixteenth Amendment

16. Probably written between 1601 and 1606, its plot is borrowed from a tale found in the third day of Boccaccio's *Decameron*, though Shakespeare added the characters of Lafew, the Countess, and (*) Parolles. Like the original, it takes place in Florence and centers on a young woman who tricks her love into sleeping with her. For ten points, in what ironically named play does Helena earn the love of her husband, Count Bertram?

ANS: All's Well That Ends Well

17. After gaining commission to pay off debts in 1743, this man was reinstated at the outbreak of the Seven Years' War and became a captain in the Foot Guards. In his later life he regained some of his lost fame for writing a comedy, *The Heiress*, which ran through ten editions in one year. Though he was promoted to lieutenant colonel for his gaining possession of (*) Fort Ticonderoga and Fort Edward for the British, he faced harsh criticism and demotion for his disastrous surrender of 6,000 men at Saratoga to Horatio Gates. FTP, name this British general nicknamed "Gentlemen Johnny."

ANS: John Burgoyne

18. The variability period of the layers in their envelopes is proportional to the inverse square root of the layer density, and is closely correlated to their luminosities. They are usually population I (one) yellow giants and their variability was first discovered by John Goodricke in 1784. Those visible to the naked eye include Eta Aquilae, Zeta Geminorum, and Beta Doradus. For ten points, what oscillating stars provide a value for the standard candle, and are used by astronomers to judge distances to other star clusters?

ANS: Cepheid variable stars

19. In the 1930's, he collaborated with W. H. Auden on *Our Hunting Fathers*. He conducted the first Western performance of Shostakovich's 14th symphony, and his only ballet, *The Prince of the Pagodas*, is one of his secular works, along with operas *The Rape of Lucretia*, *Billy Budd*, *The Turn of the Screw*, and *Peter Grimes*. He is also well known for his choral works, like *A Ceremony of Carols* and the *Festival Te Deum*. For ten points, name this British composer of the *War Requiem* and *A Young Person's Guide to the Orchestra*.

ANS: Benjamin Britten

20. Their era ended with the appointment of Hugo Black. Consisting of George Sutherland, Pierce Butler, James Clark McReynolds and Willis Van Devanter, they continued the Liberty of Contract doctrine in such cases as *United States v Butler* and *Schechter Poultry v United States* that invalidated New Deal policies, and created the impetus for FDR's infamous court-packing scheme. Opposed by Louis Brandeis, Benjamin Cardozo, and Harlan Stone, or the Three Musketeers, For 10 points, name this apocalyptically named group of Justices.

ANS: Four Horsemen of Reaction (or Four Horsemen of the Apocalypse)

21. Types of this tradition include agnatic, cognatic, absolute and matrilineal. The matrilineal variety is never known to have occurred in any European monarchies, but governs the ascension to the position of Rain (*) Queen in South Africa. Feudal claims often followed proximity of blood methods of inheritance, but this system dominated European monarch successions through most of history. FTP, identify this term that describes the mode of inheritance by which the first-born receives the entirety of a parent's wealth and estate.

ANS: Primogeniture

22. It was founded in 1793 as "Town of York," and several John Irving novels, including *Until I Find You*, and *A Prayer for Owen Meany*, are briefly set in this city. Its current name is a slightly modified spelling of the Mohawk phrase "where there are trees standing in the water." Its Pearson International Airport was the focus of the 1981 instrumental song "YYZ" by local band Rush. Name this capital of Ontario, where Rogers Centre is home of their Major League Baseball franchise, the Blue Jays.

ANS: Toronto

23. At the beginning of this novel, which is actually the end chronologically, the narrator is concerned about his ability to make witticisms and please his new American employer. As the protagonist travels across the English countryside, he recalls various incidences from his long career including the fall from grace of his former boss, (*) Lord Darlington, and his tenuous love relationship with Miss Kenton. At the end of the novel, Stevens realizes he has wasted

his life. FTP, name this 1989 Booker-prize winning novel by Kazuo Ishiguro, later made into a movie starring Anthony Hopkins and Emma Thompson.

ANS: The **Remains of the Day**

Bonuses:

1. For 10 points each, state the number of carbons in the following chemical compounds:
 - (10) Nitroglycerin:
ANS: **3**
 - (10) Cholesterol:
ANS: **27**
 - (10) Trinitrotoluene (TNT):
ANS: **7**

2. Answer the following questions about literary Jews with smoking hot daughters, FTPE:
 - (10) This famous Jew runs about town screaming about "My daughter! My ducats!" when his daughter Jessica steals money from him and runs away with a Christian in Shakespeare's *The Merchant of Venice*.
ANS: **Shylock**
 - (10) This titular character of Marlowe's *The Jew of Malta* poisons his daughter Abigail for becoming a Christian.
ANS: **Barabas** the Jew
 - (10) When the titular character of Sir Walter Scott's *Ivanhoe* is wounded in a tournament, this rich Jew and his beautiful daughter Rebecca take care of him.
ANS: **Isaac** of York, or Isaac the Jew

3. For 10 points each, name these men who seized absolute power in African countries.
 - (10) This Ugandan dictator was portrayed by Forest Whitaker in the recent movie *The Last King of Scotland*.
ANS: **Idi Amin**
 - (10) This man has ruled Zimbabwe since 1980; he recently claimed that a prominent opposition leader "deserved" to be beaten by police.
ANS: **Robert Mugabe**
 - (10) This dictator renamed his country Zaire in 1971; he was often seen wearing his trademark leopard skin hat.
ANS: **Mobutu Sese Seko**

4. Identify each of the following concepts related to identity theories of mind FTPE.
 - (10) The idea that particular mental events correspond directly to particular physical events
ANS: **Monism** or **Token-Identity**
 - (10) A form of token-identity, this theory says that mental states correspond to mathematical states similar to those of a computer.
ANS: **Functionalism**
 - (10) First formulated by Donald Davidson, this theory claims that although mental events do correspond to physical events, there no strict rules that govern such correspondence, and so mental properties can't be reduced to physical properties.
ANS: **Anomalous Monism**

5. For ten points each, name these works by Modest Mussorgsky.
 - (10) Originally written for the piano, this collection of pieces includes "Promenades" and the famous "The Great Gate of Kiev."
ANS: **Pictures at an Exhibition**
 - (10) This short orchestral work musically describes a witches' Sabbath.
ANS: **Night on Bald Mountain** (translation not exact)
 - (10) His most famous opera tells the story of this Tatar tsar who may have murdered Ivan the Terrible's son.
ANS: **Boris Godunov**

6. Entertainment figures with the same name can often lead to confusion among people who do not know the difference between them. For 15 points from the first description 5 from the second, give the full name (first and last) that these people are officially credited as.
 - (15) The American composer of the musical *The Fantasticks*.
 - (5) The Welsh-born singer of such songs as "It's Not Unusual" and "Thunderball".
ANS: **Tom Jones**
 - (15) Author of the young adult novel "Rats Saw God" and creator of TV series *Veronica Mars* and *Cupid*.

- (5) Lead singer of Matchbox Twenty who has recently had chart success as a solo artist.
ANS: **Rob Thomas**
7. FTPE, identify these characters from *The Chronicles of Narnia*:
- (10) She is the first character in *The Lion, the Witch, and the Wardrobe* to enter Narnia when she accidentally discovers it while playing hide-and-seek.
ANS: **Lucy** Pevensie
- (10) This irritating cousin of the Pevensies accompanies Edmund and Lucy in *The Voyage of the Dawn Treader*.
ANS: **Eustace Scrubb**
- (10) Eustace is summoned back to Narnia along with his friend Jill in *The Silver Chair* to find this kidnapped son of Prince Caspian.
ANS: Prince **Rilian**
8. Answer these questions about group 7A of the periodic table for 10 points each.
- (10) Group 7A is commonly known by this name.
ANS: **Halogens**
- (10) This halogen is the most electronegative element.
ANS: **Fluorine**
- (10) Thyroxine contains this halogen, essential to humans. A deficiency of it causes goiter.
ANS: **Iodine**
9. 30-20-10, Name the US president.
- (30) He was the first president to have both a telephone and a typewriter in the White House.
- (20) This president stuck to his pledge to be a one-term president, and he introduced legislation into Congress mandating such a term limit. Vice-president William Wheeler also agreed to this philosophy.
- (10) His administration was controversial from the beginning as he managed to win the presidency despite losing the popular vote by over 250,000 votes to Democrat Samuel Tilden.
ANS: Rutherford B. **Hayes**
10. FTPE, name these supernatural creatures found in the Qur'an and elsewhere in Arabian mythology:
- (10) This race of supernatural creatures, which usually translates to ghost in English, was created before humans, are made of smokeless fire and have societies much like humans. The Qur'an mentions that Muhammad was sent as a prophet to both humanity and these creatures.
ANS: **Jinn** (or **Jinni** or **Genie** or **Djinn**)
- (10) In the Qur'an, when King Solomon asks various creatures who can bring him the throne of the Queen of Sheba to him the fastest, this type of jinn was outperformed by prayer. They are generally associated with fire in pre-Islamic mythology.
ANS: **Ifrit** or (**Afreet** or **Efreet**)
- (10) It is uncertain as to whether Sura As-Saaffat mentions these supposedly water-related jinns, or whether the word refers to those who are rebellious. They are featured in Jonathon Stroud's *Bartimaeus Trilogy*.
ANS: **Marid**
11. F10PE, identify each of the following terms from ballet.
- (10) This term refers to a bending down at the knee of a dancer who is standing with classical turnout. It may occur in demi or grand form, the latter of which sees the buttocks contact the feet.
ANS: **Plié**
- (10) This is a motion which sees the dancer turned for one complete revolution by the force of "whipping" her leg around. The single stationary leg starts on a flat foot and then rises to pointe in the process of the spin.
ANS: **Fouetté en Tournant**
- (10) This is a long jump which starts on one leg and ends on the other, generally with the dancer performing the splits in mid-air. It is sometimes called a "grand pas de chat" or "saut de chat".
ANS: **Grand Jeté** or **Grand écart en l'air**
12. FTSNOP, Answer these questions about the members of baseball's "40-40 club."
- (5) This San Francisco Giant, the central figure in the current steroid controversy, hit 42 home runs and stole 40 bases in 1996.

- ANS: Barry **Bonds**
- (10) The first member of the 40-40 club, who ignited the steroid firestorm with the publication of his book *Juiced* in 2005.
- ANS: Jose **Canseco**
- (15) The newest member of the 40-40 club, who joined it in 2006, who is now playing for his fourth major league team and playing his third different position.
- ANS: Alfonso **Soriano**
13. For ten points each, identify these novels by their main characters.
- (10) Alexander Portnoy, Dr. Spielvogel.
- ANS: **Portnov's Complaint**
- (10) Dagny Taggart, Hank Rearden, Francisco d'Anconia, John Galt.
- ANS: **Atlas Shrugged**
- (10) Etienne Lantier, Maheu, Catherine Maheu, Chaval.
- ANS: **Germinal**
14. FTPE, Given an aspect of their well-known theories, name the physicist
- (10) All matter has a wave-like nature in addition to its more familiar particle nature.
- ANS: Louis **DeBroglie**
- (10) Listed a series of basic laws that unified electricity and magnetism into one theory.
- ANS: James **Maxwell**
- (10) His relativistic equation for the electron also predicted the existence of the positron.
- ANS: Paul **Dirac**
15. 30-20-10. Name the explorer.
- (30) He began his career as the master of the HMS *Mercury* during the Seven Years War, during which he mapped the course of the St. Lawrence River and drew the attention for his cartography skills.
- (20) His most famous voyage circumnavigated the globe between 1768 and 1771, charting New Zealand and the eastern coast of Australia.
- (10) This British navigator explored the Pacific as captain of the HMS *Endeavor* and whose arrival marked the beginning of British colonization in the southern hemisphere.
- ANS: Captain James **Cook**
16. Name these paired molecules important in cell function.
- (10) For five points each, name the two primary proteins responsible for muscle contraction.
- ANS: **actin** and **myosin**
- (10) For five points each, what two cations (CAT-eye-ons) are pumped continuously across the membranes of nerve cells to prepare for the arrival of an action potential?
- ANS: **sodium** (Na^+) and **potassium** (K^+)
- (10) For five points each, what two hormones regulate blood sugar levels by telling cells when to absorb glucose from the bloodstream?
- ANS: **insulin** and **glucagon**
17. FTPE, identify these American authors who have made appearances on *The Simpsons*.
- (10) This *Cujo* author tells Marge he's writing a new biography of Ben Franklin; according to this author, he discovered electricity and used it to torture small animals and mountain men.
- ANS: Stephen **King**
- (10) This reclusive author appeared on the show twice and had a cookbook titled *The Frying of Latke 49*.
- ANS: Thomas **Pynchon**
- (10) This author rebukes Lisa for not understanding the point of her novel *The Joy Luck Club*.
- ANS: Amy **Tan**
18. Given a presidential candidate and the year he ran, name his running mate on a 5-10-20-30 basis.
- (5) Walter Mondale, 1984
- ANS: Geraldine **Ferraro**
- (5) Ross Perot, 1992

- ANS: Vice Admiral James Bond Stockdale
- (x) Bob Dole, 1996
- ANS: Jack Kemp
- (x) Michael Dukakis, 1988
- ANS: Lloyd Bentsen
19. FTSNOP, answer these questions about Australian geography:
- (5) Name the capital of Australia.
- ANS: Canberra (prompt on Australia Capital Territory or ACT)
- (10) The Australian Capital Territory is surrounded by which other territory?
- ANS: New South Wales
- (15) This building, designed by Romaldo Giurgola, opened in 1988 to replace the previous version that had been in use for the same purpose since 1901.
- ANS: Australian Parliament House
20. Immortal does not mean invincible! Name these gods who suffered major injuries for 10 points each.
- (10) This Greek god was thrown from heaven; the hard landing left him crippled.
- ANS: Hephaestus
- (10) This god lost an eye in a fight with Set, his father's murderer.
- ANS: Horus
- (10) This god's hand was bitten off by the wolf Fenris.
- ANS: Tyr or Tiu