

## Bonuses

1. This “bosom friend” of Anne Shirley was accidentally offered currant wine in lieu of raspberry cordial and becomes horribly drunk. She later jumps onto a spare-room bed containing her aunt Josephine. Name, FTPE:

[10] This wife of Fred Wright and namesake of Nan Blythe’s twin sister.

ANSWER: **Diana** Wright née Barry

[10] This alleged fiancée of Gilbert Blythe who attended Redmond College has “starry violet eyes”. Gilbert discovers her to have become a boring dog connoisseur when he meets her again in *Anne of Ingleside*.

ANSWER: **Christine** Dawson née Stuart

[10] This author of the *Anne of Green Gables* series, who also wrote about Emily of New Moon and Jane of Lantern Hill.

ANSWER: Lucy Maud **Montgomery**

2. Name some characters from the cycles of Gaelic mythology for 10 points each:

[10] This tragic figure killed herself by leaping from a chariot when king Conchobar tried to give her to Éogan mac Durthacht, the killer of her husband Naoise [*NEE-sha*].

ANSWER: **Deirdre** of the Sorrows or **Derdriu**

[10] The aspects of this triple goddess are usually given as Badb, Macha, and Nemain or Anand. She is a war goddess associated with crows.

ANSWER: the **Morrigan**

[10] This woman tells the warrior she eloped with that some water that splashed up her leg was braver than he is and later craves rowan berries. Yeats and George Moore collaborated on a play about her.

ANSWER: **Gráinne** or **Grania**

3. You’re now an electronic spectroscopist! Answer some questions about your life, for 10 points each,

[10] You now spend a lot of time writing down these summaries of the electronic configuration of an atom, which normally consist of two numbers and a letter. Unlike for normal electronic configurations, the letter is normally capitalized.

ANSWER: **term symbol**

[10] Knowing the term symbols of two states lets you determine if the transition between them violates the dipole selection rules, in which case it is called this kind of transition, which despite the name happens all the time, and makes up most interesting transitions.

ANSWER: **forbidden** transition

[10] One common selection rule is this one, which states that transitions which conserve parity are forbidden in centrosymmetric systems.

ANSWER: **Laporte** selection rule

4. This painter from Cremona taught Elizabeth de Valois and lived to age 93. For 10 points each:

[10] Name this artist of The Chess Game, which showed her sisters Lucia, Europa, and Minerva, who also sketched her brother Asdrubale crying after being bitten by a crayfish in response to a challenge by Michelangelo.

ANSWER: Sofonisba **Anguissola**

[10] This first woman to become a member of the Florentine Accademia di Arte del Disegno painted many scriptural scenes, including a Judith Slaying Holofernes where he bleeds all over a white bedsheet.

ANSWER: Artemisia **Gentileschi**-Lomi

[10] This French Rococo painter was condemned in court gossip for painting herself smiling with an open mouth. She also painted Catherine the Great’s granddaughters after her patroness Marie Antoinette was beheaded.

ANSWER: Élisabeth Louise Vigée **Le Brun**

5. Some have suggested that an app, "Staffr", based off of this other app, would be useful for matching potential staffers with quizbowl tournaments near them. FTPE:

[10] Such an app would be based off of what popular dating app?

ANSWER: **Tinder**

[10] "Staffr" is, sadly, not real, but neither was this Tinder spinoff app that later turned out to be a publicity stunt. It marketed itself as the "Tinder for fighting", with the slogan "Casualty-free casual fighting for free."

ANSWER: **Rumblr**

[10] One Tinder spinoff that actually exists is this other dating app, initially released in 2014. Unlike Tinder, women must make the first move after two users "match".

ANSWER: **Bumble**

6. This woman became Prime Minister by defeating Morarji Desai to become party leader. For ten points each:

[10] Name this second-longest-serving Prime Minister of India, who headed the government from 1966 to 1977 and again from 1980 until her assassination in 1984.

ANSWER: **Indira** [Priyadarshini] **Gandhi**

[10] Gandhi fought the 1971 election on this slogan, which has since become iconic. The policies grouped under this slogan included a wide range of measures to designed help the poor.

ANSWER: **Garibi Hatao** desh bachao [Also accept "**Eradicate poverty**, save the nation"] [Accept synonyms for "Eradicate"]

[10] Gandhi was assassinated by her Sikh bodyguards in 1984 after ordering this colourfully-named operation to take over the Harmandir Sahib complex in the Punjab from militant Sikh nationalists.

ANSWER: Operation **Blue Star**

7. This title role shares her name with a character from Arjun Sondhi's favourite podcast. For 10 points each, name some women in ballet:

[10] This peasant girl dies after her mad scene in Act I but returns to save her beloved Albrecht from the Willis.

ANSWER: **Giselle**

[10] This temple dancer from *La Bayadère* is killed by a serpent set in a basket of flowers sent by her rival Gamzatti. Her spirit is later seen in "The Kingdom of the Shades" among the mountaintops of the Himalayas.

ANSWER: **Nikiya**

[10] This English ballerina danced Nikiya in Nureyev's 1963 Royal Ballet staging of *La Bayadère* and had a long onstage partnership with him.

ANSWER: Dame Margot **Fonteyn de Arias** (accept either underlined part)

MOD NOTE: YOU SHOULD HAVE 3 CONTAINERS, EACH LABELLED 1, 2, AND 3, ALONG WITH SOME SPOONS. THEY HAVE TO TASTE WHAT'S IN THE CONTAINER AND THEN ANSWER THE QUESTION. GIVE THE TEAM CONTAINER #1 NOW.

8. Gustatory bonus! For 10 points each, answer these questions about the French "mother sauces" and their derivatives.

[10] The sauce you are now tasting, the simplest of the five "mother sauces", is comprised of butter, flour, and milk, along with some salt and pepper. Identify it.

ANSWER: **bechamel** sauce

[10] MOD NOTE: GIVE THEM CONTAINER #2 NOW. This sauce is a derivative, or "daughter" sauce of the bechamel, and it contains the addition of cheese to the basic bechamel. What is its name?

ANSWER: **Mornay** sauce

[10] MOD NOTE: GIVE THEM #3 NOW. This sauce, another "daughter" of bechamel sauce, is known as a Soubise sauce. It contains the addition of what pureed ingredient?

ANSWER: **onion**

9. Though named after a Frenchman, this woman was the first to discover the Auger effect. For 10 points each:  
[10] Name this Austrian physicist who was unjustly deprived of a Nobel prize in favour of her colleague Otto Hahn. Element 109 is named in her honour.

ANSWER: Lise **Meitner**

[10] Meitner and others discovered this process, whereby an atomic nucleus breaks into two smaller nuclei, either spontaneously or due to bombardment.

ANSWER: nuclear **fission**

[10] Theoretical understanding of fission rested on this model, which still underpins the semi-empirical mass formula today.

ANSWER: **liquid-drop** model

10. Kālidāsa is best known for a play about the “recognition” of this woman. FTPE, identify the following:

[10] Name this daughter of an apsara and ward of the hermit Kanva who was cursed by Durvasa, causing King Dushyanta, the father of her son Bharata, to forget her until shown a ring he gave her that she loses.

ANSWER: **Shakuntala** or **Śakuntalā**

[10] The recipient of the *Cloud Messenger*'s message is this kind of nature spirit and lives in the city of Alaka. Her exiled lover, who asks the cloud to send the message, is a male creature of this kind.

ANSWER: **Yaksha** (or **yakshini**)

[10] Kālidāsa's epic poem Kumārasambhavam is about the birth of Subrahmanya, the son of Shiva and this goddess of love and devotion. She forms the Tridevi with Lakshmi and Saraswati.

ANSWER: **Parvati**

NOTE TO MODERATOR: Show images one at a time. Bridge images are at the end of the pack.

11. This is a visual question on bridges! I will show you a picture of a bridge, and you will tell me what kind of bridge it is. For 10 points each:

[10] Bridge A.

ANSWER: **cable-stayed** [do NOT accept “suspension bridge”]

[10] Bridge B.

ANSWER: **suspension**

[10] Bridge C.

ANSWER: **cantilever**

12. For 10 points each, identify some things about women in Buddhist belief:

[10] In the Lotus Sutra, a young female member of this type of supernatural being presents a jewel worth more than entire worlds to the Buddha, transforms into a man, and instantly attains buddhahood.

ANSWER: **naga** or **dragon**

[10] This queen of Kapilvastu died seven days after giving birth to Siddhartha Gautama in Lumbini. Her name is also a Sanskrit word meaning “illusion”.

ANSWER: **Māyā**

[10] This bodhisattva attending upon Amitābha alongside Mahāsthāmaprāpta is often represented as a female in East Asia. She is described as a “goddess of mercy” with infuriating frequency and inaccuracy

ANSWER: **Guanyin**, **Kannon**, or **Avalokiteśvara**

13. In 2007, this woman became the first ever female Minister of Finance in a G8 country. For ten points each:

[10] Name this woman, whom Yanis Varoufakis described as having been “sympathetic” in private talks, despite her past statements that it was “payback time” for Greece and insistence that Greece's debt was “sustainable”.

ANSWER: Christine [Madeleine Odette] **Lagarde** [Also accept “Christine [Madeleine Odette] **Lallouette**”]

[10] Lagarde has been the Managing Director of this organisation since 2011. This organisation loans money to countries in economic trouble, often under controversial conditions, with the goal of stabilising the global economy.

ANSWER: **International Monetary Fund**

[10] The I.M.F.'s support for austerity during the Eurozone crisis was based in part on this paper, which argued that debt levels above 60% of GDP harm a country's growth. Several methodological flaws in this paper's findings were revealed in 2013.

ANSWER: **Reinhart-Rogoff** [Also accept "**Growth in a Time of Debt**"]

14. For 10 points each, identify some things about a group of mythological entities that appear often in visual art:

[10] A de Chirico painting with a castle in the background and three white statues is named for a certain type of these entities. A freestanding staff and a red mask in the painting might represent two of them.

ANSWER: The Disquieting **Muses** or Le **Muse** Inquietanti

[10] A Raphael fresco of the Muses and Apollo surrounded by 18 poets including as Ariosto and Sappho appears in this room of the Vatican. It also contains a fresco of three cardinal virtues.

ANSWER: Stanza della **Segnatura** or the Room of the **Signatura**

[10] This French artist of Landscape with the Marriage of Isaac and Rebekah and Seaport with the Embarkation of the Queen of Sheba also painted Apollo and the Muses on Mount Helicon.

ANSWER: Claude **Lorrain** or Claude **Gellée**

15. Because there were no public segregation statutes to charge her with, this woman was convicted of tax evasion for underpaying sales tax by one cent. For ten points each:

[10] Name this black Canadian woman, who was arrested on November 8th, 1946 for refusing to leave the whites-only section of a private movie theatre.

ANSWER: Viola [Irene] **Desmond**

[10] Desmond was arrested in the town of New Glasgow in this province. About 3 000 black loyalists who had fought for the British in the American Revolution settled in this province after the war.

ANSWER: **Nova Scotia**

[10] Many of the black soldiers who fought for the British had been freed by this declaration of the royal Governor of Virginia, which granted freedom to all slaves belonging to rebels if they joined the British forces.

ANSWER: **Dunmore's** [Emancipation] Proclamation

16. 2017 marks the 70th anniversary of the House of Dior. For 10 points each:

[10] Christian Dior rocketed to fame in 1947 when he introduced the style known by this two-word term. It featured cinched waists and full skirts, a dramatic change from the masculine silhouette of World War II.

ANSWER: **New Look**

[10] The term "New Look" was coined by this fashion magazine. It was first published in 1867 as the first of its kind in the United States, although it later added the extra "a" to its title that we know today.

ANSWER: **Harper's Bazaar**

[10] Arguably the most famous employee of Harper's Bazaar was this woman, who was a columnist for the magazine until 1963, when she took the position of editor-in-chief at Vogue.

ANSWER: Diana **Vreeland**

17. One of these figures is introduced to and removed from the room in the strange situation experiment. For 10 points each:

[10] Name these figures, simulated by wire and cloth-wrapped dummies in experiments conducted by Harlow with rhesus macaques.

ANSWER: **mother**

[10] A child's namesake relationship with its primary caregiver is central to this psychological theory, which holds that there is a strong biological drive for a primary protective caregiver.

ANSWER: **attachment** theory

[10] This psychologist was responsible for many key developments in attachment theory, including the strange situation experiment, as well as categorizing attachments into categories like secure, anxious-resistant, and avoidant.

ANSWER: Mary **Ainsworth**

18. Brouwer and Banach both name theorems about these entities. For 10 points each:

[10] Name these elements which are mapped to themselves by some function.

ANSWER: **fixed point**

[10] The Banach fixed point theorem is key to proving the Picard-Lindelöf theorem, which guarantees existence of solutions to equations of this type as long as they satisfy certain conditions.

ANSWER: **ordinary differential** equations [prompt on **differential equation**, do NOT accept "partial differential equation"]

[10] The Banach fixed point theorem requires that the underlying space be of this type, which encode notions of distance between two points.

ANSWER: **metric** space

19. This title character of a play expresses hope that her successor will "abrogate [the Jewish God]'s honour and profane [His] temple" before her death. For 10 points each, name these Racine characters:

[10] This queen of Judah who questions Joas and later hopes to be avenged alongside Ahab and Jezebel.

ANSWER: **Athalie** or **Athaliah**

[10] This rival of Andromache in *Andromaque* who kills herself after Orestes' soldiers kill her betrothed Pyrrhus. She shares her name with a Shakespeare character who turns into a statue.

ANSWER: **Hermione**

[10] This wife of Theseus and stepmother of Hippolytus has her maid Oenone accuse Hippolytus of attempted rape, leading to Hippolytus being cursed to death by Theseus. She takes poison after Oenone kills herself.

ANSWER: **Phèdre** or **Phaedra**

20. This man won a heavily rigged election in 1955, thereby appointing himself as president of a newly formed government. FTPE:

[10] Name this heavily Catholic first President of the Republic of Vietnam.

ANSWER: **Ngô Đình Diệm**

[10] In 1963, in protest of Ngo's harsh persecution of Buddhists, the monk Thích Quảng Đức was infamously photographed performing this action on a street corner; that photo later won its photographer a Pulitzer Prize.

ANSWER: **self-immolation** [accept obvious equivalents]

[10] The aforementioned suicide was looked upon with scorn by this notoriously incendiary First Lady, Ngo's sister-in-law, who referred to it as a "barbeque". She was more commonly known by a two-word title.

ANSWER: **Madame Nhu**