

## Varsity Practice Round 14

**American Literature:** Answer the following about the Nathaniel Hawthorne classic *The Scarlet Letter*.

Team A: What letter is Hester Prynne forced to wear on her chest as a result of her infidelity?

A

Team B: What young girl is the product of the adulterous relationship between Hester and local pastor Arthur Dimmesdale?

Pearl Prynne (prompt on "Prynne" alone)

Toss-Up: While standing on the scaffold being shamed for her adultery, Hester first witnesses the presence of what man, her husband that was presumed lost at sea?

Roger Chillingworth (accept either; do NOT accept "Chillingsworth"; prompt on "Prynne")

**Mathematics: 20 seconds**

Team B: If the hypotenuse of a right triangle measures thirteen and one of the legs measures twelve, what is the measure of the other leg?

Five

Team A: If the hypotenuse of a right triangle measures twenty and one of the legs measures twelve, what is the measure of the other leg?

Sixteen

Toss-Up: If one leg of a right triangle measures twenty and the other leg measures twenty-one, what is the measure of the hypotenuse?

Twenty-nine

## World History:

Team A: Which French king famously declared "Paris is well worth a mass"?

Henry IV

Team B: Henry IV famously granted what edict, which gave rights to freely practice religion for protestants?

Edict of Nantes

Toss-Up: What term that begins with "h" denotes the general name for French protestants, many of whom were killed in the St. Bartholomew's Day massacre?

Huguenots

## Fine Arts:

Team B: What world country was home to the painters of such works as *Third of May, 1808* and *The Old Guitarist*?

Spain

Team A: What world country was home to the painters of such works as *The Calling of St. Matthew* and *The Birth of Venus*?

Italy

Toss-Up: *The Treachery of Images* and *Time Transfixed* are two works that originated in what country, the home country of their artist Rene Magritte?

Belgium

**Life Science: Identify the phase of mitosis being described.**

Team A: What phase of mitosis sees the mitotic spindle fully developed, including centromeres at opposite poles of the cell, chromosomes lined up at the metaphase plate and each sister chromatid attached to a spindle fiber originating from opposite poles?

Metaphase

Team B: What phase of mitosis sees the chromosomes arrive at opposite poles and begin to decondense, the nuclear envelope material surround each set of chromosomes and the breakdown of the mitotic spindle?

Telophase

Toss-Up: What part of mitosis that is not considered a phase consists of three of its own phases labeled G1, S and G2 during which time the cell makes more ribosomes and proteins, copies its own DNA and divides its organelles?

Interphase

**World Literature:**

Team B: What famous novel sees the narrator Marlow talk about his job as an ivory transporter down the Congo and his intense, developing interest in Kurtz? Marlow is shocked to see what the European influence has done to the natives.

Heart of Darkness

Team A: What author of *Nostromo* wrote *Heart of Darkness*?

Joseph Conrad or Josef Korzionowski

Toss-Up: The only man punished for abandoning the sinking ship *Patna* is what title character of another Conrad novel who ends up with a job at a trading post on the island of Patusan?

Lord Jim

**Government:**

Team A: What is the term for the opinion written by a Supreme Court Justice who was in the majority opinion but writes a separate opinion that goes along with the majority opinion?

Concurrent

Team B: What is the term for the opinion written by a Supreme Court Justice who was not a part of the majority opinion and opposed the decision made by the Court?

Dissenting

Toss-Up: When the Supreme Court is at full strength, how many votes are needed to be in the majority opinion?

Five

**Physical Science:**

Team B: What planet in our solar system is named after the Roman mythological messenger of the gods?

Mercury

Team A: What planet in our solar system is named after the Roman goddess of love?

Venus

Toss-Up: Which planet in our solar system is named after the Roman god of the sea, because of its blue color?

Neptune

**Geography:** Questions in this category will deal with the geography of Bangladesh.

Team A: Bangladesh has land borders with only two nations: Myanmar or Burma to the southeast, and what other nation, which surrounds most of Bangladesh?

India

Team B: Bangladesh is the home of the delta of what river, sacred to Hinduism, which merges with the Brahmaputra (bra-muh-POO-truh) River to the northwest of the capital, Dhaka (DAH-kuh)?

Ganges River

Toss-Up: The Ganges River flows into what body of water, a bay with a name similar to that of Bangladesh?

Bay of Bengal (ben-GAHL)

**American History:**

Team B: The first woman to serve as a governor of an American state, was Nellie Ross, who served as governor of what western state from 1925 to 1927?

Wyoming

Team A: During her time as governor, and throughout the 1920s, Ross was a supporter of what movement, whose ideas were placed in the 18<sup>th</sup> Amendment to the Constitution, which banned the sale of alcohol?

Prohibition

Toss-Up: For twenty years, from 1933 to 1953, Ross served as the director of what federal agency, which produces coins for currency?

United States Mint

## Alphabet Round - Letter N

1. Acronym for the postseason college basketball tournament for teams that do not qualify for the NCAA tournament.
2. Adjective used to describe ingredients that were not produced by artificial methods.
3. Part of the body which connects the head to the torso.
4. A building on a college campus which contains one or more swimming pools.
5. State which contains cities such as Reno and Las Vegas.
6. TWO-WORD ANSWER - City which is nicknamed "The Crescent City" that is located in the Pelican State.
7. Profession of Florence Nightingale.
8. Broadway "numerical" musical about a film director who is not embracing his age; it was made into a movie in 2009 starring Daniel Day-Lewis.
9. Name in Japanese for the nation of Japan.
10. City in Oklahoma which is the location of the University of Oklahoma.
11. TWO-WORD ANSWER - Luxury department store chain that is headquartered in Dallas; it produces an annual catalog for Christmas with unusual but expensive merchandise.
12. TWO-WORD ANSWER - Continent where Canada, Mexico, and the U.S. are found.
13. An older unit of concentration which has units of equivalents of solute per liter of solution.
14. Computer science term for the center of a network; it also was the name of the very first web browser that was developed in 1993.
15. TWO-WORD ANSWER - Former name of the country known as Zambia.
16. MULTI-WORD ANSWER - Federal agency which oversees recreation areas and historical sites; it is a part of the Department of the Interior.
17. TWO-WORD ANSWER - Compound with the formula  $N_2O$ , which is used to boost engines in racing and in rockets.
18. Native American tribe whose language was used as an effective code by the U.S. during the Second World War.
19. Egyptian goddess of the sky whose spelling is the same as a type of fruit in the botanical sense that has a hard shell.
20. City in Germany where Nazi leaders held rallies and where the Allies held war criminal trials after the end of the Second World War.

## Alphabet Round - Letter N Answers

1. NIT
2. Natural
3. Neck
4. Natatorium
5. Nevada
6. New Orleans (TWO-WORD ANSWER)
7. Nursing or Nurse
8. *Nine*
9. Nippon
10. Norman
11. Neiman Marcus (TWO-WORD ANSWER)
12. North America (TWO-WORD ANSWER)
13. Normality
14. Nexus
15. Northern Rhodesia (TWO-WORD ANSWER)
16. National Park Service (MULTI-WORD ANSWER)
17. Nitrous Oxide (TWO-WORD ANSWER)
18. Navajo
19. Nut
20. Nuremberg

## Final Round

1. What is the name for the type of sentence, such as the one I am reading now, that asks a question?

Interrogative

2. The nation of Turkey has not officially recognized the genocide of over 1.5 million people of what nationality in 1915?

Armenian

3. James I of England was the first ruler from what royal house?

Stuart

4. What is the name for the class of organic molecules derived from the ring-shaped molecule known as benzene?

Aromatic

5. Weather occurs in what lowest layer of the earth's atmosphere?

Troposphere

6. Audi and BMW are automobile manufacturers headquartered in what European country?

Germany

7. A war between Iraq and Iran arose in the 1980s over a dispute to access of a waterway which connects to what gulf?

Persian Gulf

8. Uluru, also known as Ayers Rock, is located in the middle of what country?

Australia



9. What four-letter suffix is used by many countries of central Asia, many of which were joined with Russia during the days of the Soviet Union?

-stan

10. What European country has its capital located at Sofia?

Bulgaria

11. What is the capital of the state of Mississippi?

Jackson

12. What famed aviator saw his son kidnapped and murdered in 1932 by Bruno Hauptmann?

Charles Lindbergh

13. The oldest university in the world is located in what capital city of Egypt?

Cairo

14. What is  $x$  raised to the 3<sup>rd</sup> power if  $x$  equals 5?

125

15. What famous French engineer was born in the city of Dijon in 1832?

Gustave Eiffel

16. Name either of the two tsars who ruled Russia during the Crimean War.

Either Nicholas I or Alexander II (prompt if only name given)

17. What actor played the protagonist John McClane in the *Die Hard* series of films?

Bruce Willis

18. Organisms in the kingdom fungi are similar to plants but they lack what substance used in photosynthesis?

Chlorophyll

19. What entertainment company, known for its superheroes such as Spider-Man, was bought by Disney in 2009?

Marvel

20. In what country would one find the ancient temple complex known as Angkor Wat (en-CORE watt)?

Cambodia