

Varsity Practice Round 13

American Literature: Answer the following questions about Hemingway's classic *A Farewell to Arms*.

Team A: What Lieutenant in the ambulance corps of the U.S. Army is the protagonist of the novel?

Frederic Henry (accept either)

Team B: In the first book of the story, Frederic is introduced to what English nurse with whom he falls madly in love? She eventually dies after giving birth to their child.

Catherine Barkley (accept either)

Toss-Up: Although originally published in 1929, the book was unable to be published in what country until 1948 due to the Fascist regime there not liking the depiction of the Battle of Caporetto?

Italy

Mathematics: 30 seconds - Multiply the following pairs of complex numbers. Give your answers in standard form.

Team B: four plus three i, seven minus two i ($4 + 3i$, $7 - 2i$)

Thirty four plus thirteen i ($34 + 13i$)

Team A: two plus seven i, six plus i ($2 + 7i$, $6 + i$)

Five plus forty-four i ($5 + 44i$)

Toss-Up: three plus two i, multiplied by itself ($3 + 2i$, $3 + 2i$)

Five plus twelve i ($5 + 12i$)

World History: Questions in this category will concern kings of France.

Team A: (NAME AND REGNAL NUMBER REQUIRED) What French king is the only one to be canonized into Sainthood?

Louis IX

Team B: (NAME AND REGNAL NUMBER REQUIRED) What French king was known as the "Spider King"?

Louis XI

Toss-Up: What French king was known as the "Citizen King"?

Louis-Phillippe

Fine Arts:

Team B: What composer of *Finlandia* is perhaps the best known Finnish composer?

Jean Sibelius

Team A: What composer included "In the Hall of the Mountain King" in his incidental music for *Peer Gynt* and is perhaps the best known Norwegian composer?

Edvard Grieg

Toss-Up: What composer and pianist had a relationship with writer *George Sand*, composed many mazurkas and polonaises and is perhaps the best known Polish composer?

Frederic Chopin

Life Science:

Team A: What amino acid is coded for by six codons including AGC and AGU and is abbreviated S-E-R?

Serine

Team B: What amino acid is coded for by six codons including UUA and UUG and is abbreviated L-E-U?

Leucine

Toss-Up: What amino acid is coded for by the single codon UGG, has the abbreviation T-R-P that does not actually make you sleepy after eating turkey?

Tryptophan

World Literature:

Team B: *Snow Country* and *The Master of Go* are novels that originated in what country?

Japan

Team A: *Dream of the Red Chamber* and *Romance of the Three Kingdoms* are novels that originated in what country?

China

Toss-Up: *Disgrace*, *July's People* and "Master Harold"...and the Boys are works that originated in what country, the home country of J.M. Coetzee, Nadine Gordimer and Athol Fugard?

South Africa

Government:

Team A: What is the full name of the Federal agency known as OMB?

Office of Management and Budget

Team B: What is the full name of the Federal agency known as GAO?

Government Accountability Office

Toss-Up: What is the full name of the Federal agency known as SBA?

Small Business Administration

Physical Science:

Team B: This simple machine is a beam or rod which is classified into one of three categories according to the location of the pivot point on the beam or rod. Name this simple machine.

Lever

Team A: This is the name in physics for the pivot point on a lever. Give the seven-letter word for the pivot point.

Fulcrum

Toss-Up: One quantity that is determined for a lever is the ratio of the distances of two parts of the lever, based on lengths measured on either side of the fulcrum. Give the two-word phrase, abbreviated MA that names this quantity.

Mechanical advantage

Geography: Questions in this category will deal with the Zambezi (zam-BEE-zee) River.

Team A: The Zambezi River begins its eastward journey in Zambia, forming part of the border between Zambia and what other Z-initialed country?

Zimbabwe

Team B: Along the Zambia-Zimbabwe border is what famous waterfall, named after a long-reigning British monarch of the 19th century?

Victoria Falls

Toss-Up: The Zambezi River ends its nearly 1600-mile eastern journey at the Indian Ocean. In what country is the mouth of the Zambezi River located?

Mozambique

American History: Questions will deal with the Cold War.

Team B: One early event of the Cold War was when the Truman Doctrine was created. What eleven-letter word describes the essential premise of the Truman Doctrine, which was to stop the spread of communism?

Containment

Team A: The Truman Doctrine was adopted when the UK asked the US to help with efforts to contain the spread of communism in what Eastern European country, which had a civil war occurring?

Greece

Toss-Up: One of the major actions of the Cold War was when the U.S. and many of its western European allies created this military alliance in 1949. Give the acronym of this organization, headquartered in Brussels, Belgium.

NATO (North Atlantic Treaty Organization)

Alphabet Round - Letter M

1. Over 13,000 species in the order Agaricomycetes are of this edible (and sometimes poisonous) fungus.
2. Company founded in 1996 which gives you step-by-step directions to a location; it has been owned by AOL since 2000.
3. A field which is mostly grass and wildflowers; in farming, these are done to create hay.
4. In July, 1969, humans set foot on this celestial object for the first time.
5. Annual fee that is paid to join a club or organization.
6. TWO-WORD ANSWER - Annual celebration in the spring, mostly in European countries; in the UK, people dance around a pole while holding a ribbon.
7. A disguise worn on the face as part of a costume.
8. Growth hair around the face and neck of a male lion.
9. University founded in 1809 in Oxford, Ohio.
10. President of Egypt from 1981 until his overthrow in 2011.
11. In biology, this type of mimicry occurs when two species with common predators begin to mimic each other's warning signals.
12. Predominant figure in the Book of Exodus, who takes his people to the Promised Land.
13. Adjective used to refer to the government and services of a city.
14. MULTI-WORD ANSWER - Charity which delivers fully cooked dinners to people who cannot leave their home because of medical issues; the U.S. version was founded in 1954.
15. A place where religious people live and pray together, especially males.
16. Acronym for the interscholastic organization for universities such as Bowling Green and the university described above in question 9.
17. A person who claims to be able to communicate with the dead; Theresa Caputo does this on her reality show on TLC.
18. In the German legend about Dr. Faustus, this is the demon that negotiates with Faustus.
19. A device which allows one to connect a computer to the Internet.
20. Prefix meaning "one" which is used as shorthand for an illness nicknamed the "kissing disease."

Alphabet Round - Letter M Answers

1. Mushroom(s)
2. Mapquest
3. Meadow
4. Moon
5. Membership
6. May Day (TWO-WORD ANSWER)
7. Mask
8. Mane
9. Miami (University)
10. (Hosni) Mubarak
11. Muller(ian) (mimicry)
12. Moses
13. Municipal
14. Meals on Wheels (MULTI-WORD ANSWER)
15. Monastery
16. MAC
17. Medium
18. Mephistopheles
19. Modem
20. Mono

Final Round

1. Graham's law of effusion is used to describe the relative movement of molecules in what state of matter?

Gas

2. What was the royal house to which Louis XIV (14th) belonged?

Bourbon

3. Amoeba and euglena are two of the types of organisms found in which kingdom?

Protista or Protist

4. What scientist defined a base as "a substance which produces hydroxide ion when dissolved in water"?

(Svante) Arrhenius (ar-en-EE-us)

5. Poe's *The Gold Bug* and Stevenson's *Treasure Island* both prominently feature a quest for the buried treasure of what British pirate?

Captain William Kidd

6. What is the capital of the state of Minnesota?

St. Paul

7. In Greek mythology, who was the Gorgon with snakes for hair that turned people into stone when you looked at her?

Medusa

8. In baseball, a pitcher who faces the minimum number of 27 batters in a full game and none of them reached base has achieved what feat?

Perfect game

9. The Country Music Hall of Fame is located in what capital city of Tennessee?

Nashville

10. What country on the Balkan Peninsula of Europe ceased to exist in 1992?

Yugoslavia

11. What Italian author of *The Name of the Rose* died from pancreatic cancer in 2016?

Umberto Eco

12. How many ounces are in a pound?

Sixteen

13. Donato Bramante (bruh-MAHN-tee) designed St. Peter's Basilica, located in what tiny country within the city of Rome?

Vatican City

14. The Best Picture-winning film *Spotlight* dealt with reporters uncovering a sexual abuse scandal in the archdiocese of what city in New England?

Boston

15. Niccolò Paganini (NEE-cuh-low PAH-guh-nee-nee) was an Italian composer who was acclaimed for his playing of what stringed musical instrument?

Violin

16. In 1906, what country became the first to give women full voting rights? Its capital is Wellington.

New Zealand

17. In what year did the Wright Brothers make their famous flight in Kitty Hawk?

1903 (prompt on partial answer)

18. What nation is second to Canada in land area?

Russia

19. In diving, the bends, or decompression sickness, occurs when what gas enters the bloodstream?

Nitrogen

20. What children's author wrote both *My Side of the Mountain* and *The Far Side of the Mountain*?

Jean Craighead George