

**Varsity Quiz**  
**2001-2002**  
**Game \_\_\_\_\_ (M. Pike)**

**Round 1**  
**25 questions**

1. Name the author who won the Pulitzer Prize for fiction in 1955 for *A Fable*.

**ANSWER: WILLIAM FAULKNER**

2. Identify the statuette named from the Greek muse of history and awarded annually for notable achievement in radio and TV commercials.

**ANSWER: CLIO**

3. MATH QUESTION: Give the angle of inclination of a line with the equation  $y = x$ .

**ANSWER: 45 DEGREES OR PI OVER 4 RADIANS**

4. Which country's parliamentary commission for the first time officially condemned Francisco Franco's 1936 rebellion that started the civil war leading to his 36-year dictatorship?

**ANSWER: SPAIN**

5. Identify the great Roman orator and statesman whose 14 speeches directed against Mark Anthony are called the *Philippics*.

**ANSWER: CICERO**

6. Identify the word from *Genesis* 11: 1-9 for "a confusion of voices, languages, or sounds."

**ANSWER: BABEL**

7. MATH QUESTION: What is the sum of the odd integers between 6 and 18?

**ANSWER: 72**

8. Which French impressionist is known for *The Bathers* and *The Children's Afternoon at Wargemont*?

**ANSWER: PIERRE AUGUSTE RENOIR**

9. Give the 2-word phrase for “any small tropical country, especially in the Western Hemisphere, whose economies are largely dependent on fruit exports, and tourism.”

**ANSWER: BANANA REPUBLIC**

10. MATH QUESTION: What is the distance from the point with coordinates (3, 7) to the y-axis?

**ANSWER: 3**

11. Which English author wrote the stanza “Ring out the old, ring in the new, / Ring, happy bells, across the snow / The year is going, let him go; / Ring out the false, ring in the true” as part of the prologue of his poem *In Memoriam*?

**ANSWER: ALFRED, LORD TENNYSON**

12. Identify the planet that was the farthest from the sun from 1979 and remained that way until 1999.

**ANSWER: NEPTUNE**

13. Which U.S. government agency was created by J. F. Kennedy, and sent American volunteers overseas to help improve living conditions. Its first head was Sergeant Shriver, and was founded partly to prevent developing nations from allying themselves with the Soviet Union.

**ANSWER: THE PEACE CORPS**

14. Identify the 2 colors on the U.N. flag.

**ANSWER: BLUE AND WHITE**

15. What word designates a force that slows down a ball hit into the air?

**ANSWER: RESISTANCE**

16. What word is derived from the Greek word *monos* for “alone” designating a form of religious community life in which monks and nuns dedicated themselves to an austere, reclusive life style?

**ANSWER: MONASTICISM**

17. Identify the college where Bobby Knight was recently hired as head basketball coach.

**ANSWER: TEXAS TECH**

18. Identify the term for the highest temperature at which a gas can be liquefied by pressure alone.

**ANSWER: CRITICAL TEMPERATURE**

19. Name the southwestern state where NORAD (North American Air Defense Command) is located.

**ANSWER: COLORADO**

20. What is the meaning of the word “gospel”?

**ANSWER: GOOD NEWS**

21. Identify the Russian composer best remembered for his opera *Boris Godunov*.

**ANSWER: MUSSORSKY**

22. Give the name of the literary form that grew out of the celebrations in honor of the Greek god Dionysus, and is named from the Greek for “goat song”.

**ANSWER: TRAGEDY**

23. MATH QUESTION: In the radian system for measuring angles, how many radians is one-fourth revolution or 90 degrees?

**ANSWER:  $\pi / 2$  RADIANS**

24. What is the name of a person whose job is to calculate insurance premiums, dividends and life expectancies?

**ANSWER: ACTUARY**

25. Give the name of one of the other two men besides Paul Revere who gave warning of the arrival of the British on April 18, 1775.

**ANSWER: WILLIAM DAWES or  
DR. SAMUEL PRESCOTT**

## **Round 2**

### **Bonus Round – 1 Toss up / 2 Bonus**

1. Which U.S. President, called “The Era-of-Good-Feeling President,” won an easy reelection victory when only one electoral vote was cast against him?

**ANSWER: JAMES MONROE**

**Bonus:**

Identify the two 20<sup>th</sup>-century Presidents who won their elections by the widest margins, with fewer than 15 electoral votes cast against them.

**ANSWERS: FRANKLIN ROOSEVELT and  
RONALD REAGAN**

2. In which U.S. state did the conflict over slavery become so intense that the newspapers of the 1850’s described the area as “bleeding”? According to some historians, the people who fought to make this state a free state were sometimes referred to as “Jayhawkers”.

**ANSWER: KANSAS**

**Bonus:**

Identify the following concerning Kansas: the city in which the Eisenhower Library and Museum are located AND the “Cowboy Capital” in which Front Street is located.

**ANSWERS: ABILENE and DODGE CITY**

3. Which novel by Carson McCullers begins, “In the town there were two mutes, and they were always together”? This author hailed from Columbus, Georgia.

**ANSWER: *THE HEART IS A LONELY HUNTER***

**Bonus:**

Identify the following concerning literature: The “father” of the “hard-boiled” school of detective fiction who wrote *The Glass Key*, *The Dain Curse*, and *The Maltese Falcon* AND a 2-word phrase used to designate writing which develops and promotes the behavior, mannerisms, dress, and speech of a particular region.

**ANSWERS: DASHIEL HAMMETT and  
LOCAL COLOR**

4. The International Committee of the Red Cross stated in 1999 that the 3 American soldiers captured on the Balkan Peninsula were definitely prisoners and entitled to protection under which convention?

**ANSWER: GENEVA CONVENTION**

**Bonus:**

Identify the following concerning events of 1999: the U.S. Cuban facility that prepared to house 20,000 Kosovo Albanians who volunteered to seek refuge there AND the Native American tribe of the U.S. southwest whose name designates the type of helicopter gun ships the U.S. agreed to send to Albania to directly attack Serbian troops in Yugoslavia.

**ANSWERS: GUANTANAMO BAY and APACHE**

5. MATH QUESTION: The function  $f$  of  $x$  equals  $2x - 1$ . What is  $f$  of the quantity  $a - b$ ?

**ANSWER:  $2a - 2b - 1$**

**Bonus:**

What is the area of the region bounded by concentric circles with radii of 9 meters and 6 meters AND if 2 corresponding sides of 2 similar polygons are 5 inches and 7 inches respectively, what is the ratio of their areas?

**ANSWERS: 45 PI SQUARE METERS and 25 TO 49**

6. Which term today is loosely used to describe rulers who accept no constitutional restraints on their power? Its plural form completes the description of Catherine II of Russia and Holy Roman Emperor Joseph II as “enlightened \_\_\_\_\_.”

**ANSWER: DESPOT**

**Bonus:**

Identify the term for the belief that all forms of government are oppressive and undesirable and should be abolished AND the independent agency of the U.S. government established in 1970 during the Nixon administration to protect the nation’s environment from pollution.

**ANSWERS: ANARCHISM and EPA  
(ENVIRONMENTAL PROTECTION AGENCY)**

7. Identify one of the U.S. state capitals whose name begins with M-O-N-T?

**ANSWER: MONTGOMERY or MONTPELIER**

**Bonus:**

Identify the following by giving an answer beginning with the letters M-O-N-T: the home of Thomas Jefferson AND a major Canadian seaport on an island in the St. Lawrence River.

**ANSWERS: MONTICELLO and MONTREAL**

8. Which term derived from the Latin for “flight” designates a “musical composition in which several voices or instruments repeat a number of melodies with slight variations”?

**ANSWER: FUGUE**

**Bonus:**

Identify the lowest range of the male singing voice AND a musical composition for one or two instruments, usually consisting of 3 or 4 movements.

**ANSWERS: BASS and SONATA**

9. What 2-word term designates the concentration of a particular component in a solution based on the number of moles of the component in question divided by the total number of moles of all of the components present in the solution?

**ANSWER: MOLE FRACTION**

**Bonus:**

Identify the chemical element that has a molecular weight of approximately 16 AND the atomic number of carbon.

**ANSWERS: OXYGEN and 6**

10. MATH QUESTION: What is the difference when the complex number  $2 - i$  is subtracted from the complex number  $4 - 3i$ ?

**ANSWER:  $2 - 2i$**

**Bonus:**

Answer the following concerning the complex number  $3 - 2i$ : what is its real part AND what is its conjugate?

**ANSWERS: 3 (THREE) and THREE PLUS TWO I ( $3 + 2i$ )**

**Round 3**  
**Lightning Round**

1. Identify the collective term for a flock of peacocks.

**ANSWER: MUSTER**

2. Name the flats on the Utah – Nevada state line that were the object of a 2 -year - old salt restoration project inspired by those using its perfect race track to break speed records since the 1910's

**ANSWER: BONNEVILLE SALT FLATS**

3. MATH QUESTION: The product of 40 times  $2\frac{1}{2}$  is equal to the square of which positive integer?

**ANSWER: 10**

4. Name the philosopher credited with the first atomic theory for his belief that all matter is composed of small particles that cannot be further divided.

**ANSWER: DEMOCRITUS (ACCEPT LEUCIPPUS)**

5. Give the Russian word for “a group of three” or “a sleigh pulled by 3 horses.”

**ANSWER: TROIKA**

6. Which Shakespearean play includes the lines “All the world's a stage, / And all the men and women merely players”?

**ANSWER: AS YOU LIKE IT**

7. Give the name of the French-American ornithologist and illustrator noted for his bird drawings and paintings in his work *The Birds of America*.

**ANSWER: (JOHN JAMES) AUDUBON**

8. Give the year when the Battle of the Little Big Horn was fought on June 25 and 26.

**ANSWER: 1876**

9. MATH QUESTION: What is the cotangent of 90 degrees?

**ANSWER: 0 (ZERO)**

10. Name the former baseball player who celebrated the silver anniversary of his record-breaking 715<sup>th</sup> career home run in 1999.

**ANSWER: HANK AARON**

11. Which novel by Charles Dickens begins “Whether I shall turn out to be the hero of my own life, or whether that station will be held by anybody else, these pages must show”?

**ANSWER: *DAVID COPPERFIELD***

12. Give the 5 notes on the treble clef in music for which the mnemonic device “Every Good Boy Does Fine” may help you remember.

**ANSWER: E, G, B, D, AND F**

13. Identify the Prussian statesman whose policy of “blood and iron” from 1862 – 1890 brought about the unification of Germany. He was known as the “Iron Chancellor.”

**ANSWER: OTTO VON BISMARCK**

14. Give the two-word name for Hitler’s National Socialist regime in Germany from 1933 – 1945.

**ANSWER: THIRD REICH**

15. Identify the English novelist who used the pseudonym Currer Bell

**ANSWER: CHARLOTTE BRONTE**

16. MATH QUESTION: Of median, self-similarity, and altitude, which term is associated with the study of fractals?

**ANSWER: SELF-SIMILARITY**

17. Give the adjective alluding to the ancient Egyptian pictures or symbols used to represent a word, syllable, or sound in writing.



**ANSWER: HIEROGLYPHIC**

18. Which principle is defined as “the apparent change in the frequency of sound, light, or radio waves caused by a change in the distance between the source of the wave and the receiver”?

**ANSWER: DOPPLER’S PRINCIPLE**

19. Name the American inventor and industrialist who developed the railroad frog in 1868 and founded his Air Brake Company in 1869.

**ANSWER: GEORGE WESTINGHOUSE**

20. MATH QUESTION: Is the cosine of 2 radians positive, negative, zero, or undefined?

**ANSWER: NEGATIVE**

21. Identify the Order of insect to which butterflies belong.

**ANSWER: LEPIDOPTERA**

22. To which year was President Lincoln referring when he said, “Four score and seven years ago”?

**ANSWER: 1776**

23. Identify the South African surgeon and medical pioneer who performed the first known human heart transplant in 1967 in Cape Town.

**ANSWER: DR. CHRISTIAN BARNARD**

24. Name the German astronomer and mathematician who discovered 3 laws of planetary motion.

**ANSWER: JOHANNES KEPLER**

25. With which country did the U.S. establish normal diplomatic relations on January 1, 1979, seven years after Richard Nixon traveled there.

**ANSWER: CHINA**

26. Of the 6 major organs of the United Nations, which one has a one-word title?

**ANSWER: SECRETARIAT**

27. Give the name of a normal star in its final stage before fading into darkness.

**ANSWER: WHITE DWARF**

28. Which Scottish poet, known as the “Bard of Ayrshire,” wrote *Tam O’Shanter* and “To a Mouse”?

**ANSWER: ROBERT BURNS**

29. Give the term used to describe an instrument, such as the saxophone, pitched higher than a bass and lower than a tenor.

**ANSWER: BARITONE**

30. MATH QUESTION: The sine of which acute angle equals the cosine of 40 degrees?

**ANSWER: 50 DEGREES**

31. Which word completes the following line from Shakespeare’s *King Richard the Third*: “Now is the \_\_\_\_\_ of our discontent”?

**ANSWER: WINTER**

32. In which Virginia town did Robert E. Lee surrender to Ulysses S. Grant on April 9, 1865?

**ANSWER: APPOMATTOX (AT THE COURT HOUSE)**

33. MATH QUESTION: Find the number of degrees in the smallest angle of a triangle whose angles are in the ratio of 1 to 4 to 5.

**ANSWER: 18**

34. Name the point on a phase diagram where solid, liquid, and gas of a substance can exist at equilibrium.

**ANSWER: TRIPLE POINT**

35. Give the name of the other person who explored the northwest part of the United States with Lewis in the early 1800’s.

**ANSWER: CLARK**

36. What is the second line of William Blake's poem "The Tiger," or what are the location and the time at which the "Tiger, Tiger" is "burning bright"?

**ANSWER: "IN THE FORESTS IF THE NIGHT"**

37. In which year did the *Titanic* strike an iceberg and sink on April 14 –15.

**ANSWER: 1912**

38. Give the name of any of 2 or more letters or groups of letters representing the same speech sound.

**ANSWER: HOMOPHONE**

39. With its mountains, valleys, and oceans, the Earth's surface is a fractal with numerical dimension between which 2 consecutive integers?

**ANSWER: BETWEEN 2 AND 3**

40. Give the colorful term designating "any of various crimes, such as embezzlement or fraud, committed by business or professional people while working at their occupations."

**ANSWER: WHITE COLOR CRIME**