

Duke University Round for the 1983 N.I.T.

Toss-Ups

1. Herman Melville wrote Moby Dick. For 10 points, what group has recorded "Moby Dick," "Black Dog," and "Rock 'n' Roll"?

Answer: Led Zeppelin

2. Ben Jonson is best known as the Elizabethan playwright whose works include Every Man in His Humour and Every Man out of His Humour. However, his most quoted line is the plea "Drink to me only with thine eyes" which comes from a poem. For 10 points, to what woman, the poem's title-character, is this plea addressed?

Answer: Celia (Poem is "To Celia")

3. This early 20th century Italian socialist achieved national prominence as editor of the newspaper Avanti. In 1914 he resigned from Avanti to found a new newspaper Il Popolo d'Italia. His early socialism quickly gave way to militant anti-communism and a drive for absolute political power. For 10 points, name him.

Answer: Benito Mussolini

4. It was long thought that a proton is absolutely stable. Recently, however, it has been postulated that a proton will eventually decay into a neutral pion which receives most of the proton-mass and into a smaller particle which receives the proton-charge. For 10 points, name this charged anti-matter particle.

Answer: Positron (Accept: Anti-electron)

5. Jimmy Hoffa is convicted of fraud and jury tampering. Pope Paul VI becomes the first reigning pope to visit the Holy Land. Nikita Krushchev is ousted as Soviet Communist Party chief; and the Winter Olympics are held in Innsbruck, Austria. For 10 points, name this year.

Answer: 1964.

6. The first complete edition of his works was published seven years after his death by William Wharburton in 1751. He claimed to have written his technically accomplished Pastorals in 1704 when he was only sixteen. For 10 points, name this English poet and satirist who was himself satirized as the "Wicked Wasp of Twickenham (pr. Twick-num)".

Answer: Alexander Pope

7. For 10 points, provide the name of this mathematical structure: a set of elements, containing an identity and inverses, which is closed under an associative product.

Answer: A Group (Accept: Semi-group or Monoid)

8. Achilles and a tortoise discuss philosophy, art, music, computers, and everything in-between in this 1980 Pulitzer Prize-winning book about artificial intelligence. For 10 points, name it.

Answer: Gödel, Escher, Bach (by Douglas Hofstadter)

9. This 19th century French artist, along with Paul Signac, was the co-founder of the divisionist school of painting. For 10 points, name him.

Answer: Georges Seurat

10. For 10 points, what at 24,590 feet is the highest mountain peak in the Soviet Union?

Answer: Communism Peak

11. The Real Inspector Hound, Night and Day, Every Good Boy Deserves Favor, Jumpers, Dirty Linen, and Travesties are all plays by a contemporary British playwright. For 10 points, name him.

Answer: Tom Stoppard

12. It is August 1912. Mrs. Tyrone is a morphine addict; her son Edmund has tuberculosis; her husband, a retired actor, fights with the other son Jamie. ^{FTP} So goes the plot of what autobiographical Eugene O'Neill drama?

Answer: Long Day's Journey into Night

13. In 1779 he formulated a method of calculating cometary orbits and, in the early 19th century, discovered the asteroids Pallas and Vesta. His name is most often associated with the paradox that, in an infinite and isotropic universe, the night sky ought to be uniformly bright whereas it is actually quite dark. For 10 points, who was this German astronomer?

Answer: Heinrich W.M. Olbers

14. In late 1982, a U.S. congressman resigned his congressional seat in order to switch parties and seek re-election as a Republican. He won re-election. For 10 points, name him.

Answer: Phil Gramm (R-Texas)

15. Born Mildred E. Gillars, she was convicted of treason by a federal jury in New York City in 1949 and served twelve years in prison for her broadcasting of Nazi propoganda during the second world war. For 10 points, by what other name is she popularly known?

Answer: Axis Sally

16. His illegitimate son was Adeodatus; his mother was Monica; and his spiritual mentor was Ambrose. For 10 points, who was this early Christian saint?

Answer: St. Augustine of Hippo

17. The Italian alphabet lacks this letter entirely. In Dutch, it stands for the two letters IJ. In Latin, it appeared only in Cicero's time as a rough equivalent of the Greek upsilon. In English it can serve as a consonant. For 10 points, what letter is it?

Answer: Y

18. For 10 points, who angered John D. Rockefeller with her History of the Standard Oil Company?

Answer: Ida M. Tarbell

19. Sinclair Lewis wrote the book and Burt Lancaster played the title character in the movie about a football star turned evangelist. For 10 points, what is the title?

Answer: Elmer Gantry

20. His 1679 proposal of an inverse-square law for gravity prompted Newton to compose the Principia. As first curator of experiments for the Royal Society, he introduced the term "cell" to Biology; enunciated the law that the deformation in an elastic body under stress is proportional to the applied stress; and invented both the universal joint and the compound microscope. For 10 points, who was he?

Answer: Robert Hooke

21. Two pairs of twins are separated by a shipwreck as infants. Years later, they are involved in a case of mistaken identity that forms the plot, for 10 points, of what Shakespearean comedy?

Answer: The Comedy of Errors

22. For 10 points, who has been Albania's sole ruler ever since it became a communist nation?

Answer: Enver Hoxha

Bonuses

1. 20 Points. Monday night the Academy of Motion Picture Arts and Sciences will hold the 55th annual Academy Awards presentations. For 10 points apiece, answer these questions about Oscar-winning directors.

1) For which film did Francis Ford Coppola win best director?

Answer: The Godfather, Part II (Accept: Godfather II)

2) What director won best director a record four times?

Answer: John Ford

2. 25 Points. He was the last person to win the Nobel Prize in Physics outright. He won it in 1971 for his invention and development of holography. For 25 points, name this Anglo-Hungarian scientist.

Answer: Dennis Gabor

3. 25 Points. Wilson's first secretary of state was the famous fundamentalist William Jennings Bryan. Bryan's successor at State encountered difficulties with Wilson's aide, Colonel House, and played only a minor role in the post-war peace process. For 25 points, name him.

Answer: Robert Lansing

4. 30 Points. Answer these ten quick questions. You will get 30 points for 10 correct answers; 20 for 9 correct; 10 for 8 correct; and zero points otherwise. ~~5 seconds per item~~

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| ✓ 1) What is the capital of Chile? | Ans. <u>Santiago</u> |
| ✓ 2) How many Furies are there? | Ans. <u>Three</u> |
| ✓ 3) What year did the Mayflower land at Plymouth Rock? | Ans. <u>1620</u> |
| 4) Who invented radar? | Ans. Robert <u>Watson-Watt</u> |
| 5) On what island did Archimedes die? | Ans. <u>Sicily</u> |
| ✓ 6) What is the name of the Superbowl trophy? | Ans. <u>Lombardi Trophy</u> |
| ✓ 7) Who wrote <u>Jane Eyre</u> ? | Ans. <u>Charlotte Bronte</u> |
| ✓ 8) What is the beehive state? | Ans. <u>Utah</u> |
| ✓ 9) What is the name of Ted Turner's 24-hour news network? | Ans. <u>CNN</u> or <u>Cable News Network</u> |
| 10) What is the chemical formula for Formic Acid? | Ans. <u>HCOOH</u> |

5. 20 Points. Lord Byron praised Henry Fielding as "the prose Homer of human nature" but was less kind in his assessment of one of Fielding's contemporary novelists who, in Byron's words, "preferred whining over a dead ass to relieving a living mother." For 20 points, who was this self-professedly "sentimental" author?

Answer: Laurence Sterne

6. 30 Points. The SI system of measurement expresses all physical quantities in terms of seven fundamental units. Name 5 of these units for 10 points; name six for 20 points; name seven for 30 points. You may name only seven.

Answers: Metre, Second, Kilogram, Kelvin, Ampere (or Amp), Mole, Candela (or Candel)

7. 30 Points. For 10 points apiece, name the three other original members of the Benny Goodman Quartet.

8. 30 Points. Who am I? You'll receive 30 points if you identify me on the first clue; 20 points on the second; or 10 points if it takes you all three clues.

1) I was born in Jordan 39 years ago and emigrated to California in 1957.

2) I made the headlines at age 24.

3) I now reside in San Quentin, California.

Answer: Sirhan B. Sirhan

9. 25 Points. For 25 points--all or nothing--rank these spectral types of stars in order of increasing surface temperature; the types are G, K, F, M, B, and A.

Answer: M, K, G, F, A, B

10. 30 Points. This famous 15th and 16th century Venetian shop produced such great artists as Giorgione and Titian. Its family of proprietors was also very famous. For 10 points, name the family; for 5 points each name the father, his two famous sons, and his famous son-in-law.

Answer: Family - Bellini, Father - Jacopo (or Iacopo), Sons - Gentile and Giovanni, Son-in-law - Andrea Montegna

11. 25 Points. He was the hero of Camoes' epic poem Lusiadas and Meyerbeer's opera L'Africaine. For 25 points, who was this 15th and 16th century explorer?

Answer: Vasco da Gama

12. 25 Points. In 1965, baseball's MVP in the American League played for the pennant-winning Minnesota Twins. He was unusual in that he hit less than .300, had less than 30 home runs, and was not really a household name. For 25 points, name him.

Answer: Zoilo Ver/salles

13. 20 Points. Many literary works have been adapted as operas. For 5 points each, name the original authors of the following literary works:

- 1) The Barber of Seville
- 2) Boris Godunov

Answer: 1. Pierre Beaumarchais
2. Alexander Pushkin

For an additional 5 points each, name the composers who based well known operas on each of these works.

Answer: Barber of Seville - Rossini (Accept: Paisiello)
Boris Godunov - Moussorgsky

14. 25 Points. True or False? For 5 points apiece, do the following pairs of countries share a border?

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|-------------------------|-------------------|
| 1) USSR and North Korea | Ans. <u>True</u> |
| 2) Malaysia & Indonesia | Ans. <u>True</u> |
| 3) Benin and Ghana | Ans. <u>False</u> |
| 4) Sudan and Zaire | Ans. <u>True</u> |
| 5) Paraguay and Peru | Ans. <u>False</u> |

15. 30 Points. For 10 points apiece:

1) What name is given to the tendency of a biological system to maintain constant conditions through feedbacks and other mechanisms?

Answer: Homeostasis

2) What name is given to the state reached by certain chemical reactions which do not go to completion but instead produce the original reactants?

Answer: Chemical Equilibrium

3) What name is given to the principle that a system in equilibrium, when subjected to stress, will react to oppose the effect of the stress?

Answer: Le Chatelier's Principle

16. 30 Points. For 5 points each and an additional 10 points for four correct answers, who were the first four caliphs according to Sunni Muslims?

Answer: Abu Bakr, Umar (or Omar), Uthman (or Othman) and Ali

17. 30 Points. Empiricists claim that all knowledge is derived from experience; rationalists disagree. For 5 points apiece, tell me whether each of these philosophers were empiricists or rationalists.

1) David Hume

Answer: Empiricist

2) John Locke

Answer: Empiricist

3) Baruch Spinoza

Answer: Rationalist

4) Rene Descartes

Answer: Rationalist

5) George Berkeley

Answer: Empiricist

6) Gottfried Leibnitz

Answer: Rationalist

18. 25 Points. In Mexico, it's the peso; in West Germany, the Deutsche Mark. For 5 points each, name the currency used in these countries:

1) U.S.S.R.

Answer: Ruble

2) Sweden

Answer: Krona or Kroner

3) Pakistan

Answer: Rupee

4) Venezuela

Answer: Bolivar

5) Liechtenstein

Answer: Swiss Franc

19. 20 Points. For 10 points apiece, what form did Zeus assume

1) When he seduced Danae?

Answer: A Shower of Gold (Accept: Gold)

2) And when he seduced Leda?

Answer: A Swan

20. 30 Points. Second City Television is a popular late night show on NBC. For 5 points apiece with a maximum of 30 points, name six of the seven members of SCTV during the 1981-82 season.

Answer: Rick Moranis, Dave Thomas, Catherine O'Hara, Andrea Martin, Eugene Levy, Joe Flaherty, John Candy