

1997 Hamilton Invitational, Maryland - College Park
Round 10 ISU
Tossups

1. This story takes place in the modern Tarrytown, NY. A schoolmaster begins to court Katrina Van Tassel and insults the locals by scoffing at their folklore. Another suitor, Brom Bones, disguises himself as a demonic apparition and rides down the schoolmaster at night. FTP, name this legendary Washington Irving tale.

Answer: "The Legend of Sleepy Hollow"

2. Its power came from many sources: Gregg Toland's new "deep focus" lens which allowed both near and far action to be visible to the audience, Bernhard Herrmann's score, tricks borrowed from the stage like off-screen comments, the technical ability of the Mercury Theater players, and Mankiewicz's script including the "Rosebud" quandary. FTP, what is this revolutionary film of 1941 directed by Orson Welles?

Answer: "Citizen Kane"

3. He is seen at his makeshift writing desk working on a document dated 13 July 1793 while recovering from his time in the sewers. His right hand has drooped to the floor, but still holds a quill. Near it, lies a bloody knife with which Charlotte Corday ended his life moments before. FTP, who is this French revolutionary whose gruesome bathtub murder was captured for all time by Jacques-Louis David?

Answer: Jean-Paul Marat

4. The first was written to criticize Robert Filmer's Patriarcha which justified the divine right of kings as a result of the descent from Adam. The second outlines the true origin of government out of a happy state of nature; governments whose primary aim is the protection of personal property. FTP, what are these 1689 and 1690 works of political science by John Locke?

Answer: "Two Treatises on Government"

5. In the negotiations there was heavy discussion of the problems caused by British efforts to suppress the slave trade, but no provisions came of it. It did, however, call for mutual extradition of criminals and settled the boundary between Maine and Canada. FTP, identify this 1842 treaty named for the Secretary of State and British Lord who signed it.

Answer: "Webster-Ashburton Treaty"

6. They are masses of lymphoid cells embedded in fibrous connective tissue covered by a single layer epithelium. The cells are phagocytic and destroy disease-producing bacteria. They are easily infected by streptococcus bacteria, producing inflammation and pus formation. For ten points, name these human cell masses ringing the walls of the pharynx which are often removed in children to avoid chronic infection.

Answer: "tonsils"

7. The Gate of the Sun marks the center of the downtown, with the old section lying to the southwest. A huge 350 acre park called the Retiro lies in the southeast corner while the Salamanca residential district is in the northeast. The business district is north of Calle de Alcal=El. FTP, name this city, home to the Prado and the National Library of Spain.

Answer: "Madrid"

8. Along with playing old phonographs, this collection is the primary focus of a crippled 24-year old girl. She is shy and sees her leg brace like her collection's unicorn whose horn sets it apart from the other horses. FTP, what is this group of fragile figures owned by Laura Wingfield, the title zoo of a Tennessee Williams play?

Answer: The "Glass Menagerie"

9. Contemporaries gave Juan Sebasti=Eln del Cano all of the credit for the voyage, but the diarist Antonio Pigafetta praised the original captain and

it is his views and writings that have come down to us. This man was killed on Mactan in 1521, while engaging in a battle between rival Filipino tribes. FTP, name this explorer who is generally credited (nonsensically) with being the first to circumnavigate the globe.

Answer: Ferdinand Magellan (1480? - 1521)

10. She was the great-granddaughter of the first Roman emperor, the sister of the third emperor, the wife of the fourth emperor, and the mother of the fifth emperor. For ten points, name this notorious woman who murdered her husband Claudius so that her son Nero could rule.

Answer: "Agrippina the Younger"

11. The right to have an attorney present during interrogation. The right to consult an attorney. The fact that any statements can be given in evidence at a trial. The right to remain silent. Unless suspects are made aware of these facts, testimony given in custody is inadmissible at a trial. FTP, what Arizona defendant lent his name to these "rights" after the U.S. Supreme Court voided his conviction?

Answer: Ernesto Miranda (accept: Miranda rights)

12. He had a partnership with his father selling a homemade aphrodisiac, but his dream job was always to work in a bowling alley. He achieved that for about six months, but spent the rest of his time managing a country music singer, clowning, driving a monorail train, and, most famously, directing safety operations at a nuclear power plant. FTP and a doughnut, identify this rotund father of Maggie, Lisa, and Bart.

Answer: Homer Simpson

13. The 14th day of Adar is celebrated with the baking of three-cornered pastries called hamantaschen. The day=20commemorates the execution of the minister of King Ahasuerus who had plotted to slaughter the Jews in his realm. The discovery of the plot was primarily the work of a Biblical heroine whose exploits are described in the book named for her. FTP, name this heroine or the Jewish holiday which celebrates her courage.

Answer: "Esther or Purim"

14. Because all known interaction Hamiltonians are invariant with respect to spatial translation, that is, that physical forces depend on the distance between particles and not on absolute positions, Noether's theorem can be used to find a conserved quantity. FTP, what conserved quantity is this that follows from the homogeneity of space?

Answer: "linear momentum"

15. In his retirement, he wrote about the astronomy of the ancient Hebrews in Astronomy in the Old Testament. He also calculated, in 1866, that meteor swarms were remnants of comets and incorrectly concluded that Mercury and Venus had identical periods of rotation and revolution and thus always had the same side to the Sun. FTP, name this astronomer whose most famous erroneous discovery was that of the "canals" of Mars.

Answer: Giovanni Virginio Schiaparelli

16. He is not Hamlet, but rather "an attendant lord," "deferential, glad to be of use." He does not know how to say what he means, wonders whether he dare disturb the universe, and watches the women come and go as they discuss Michelangelo. FTP, name this vacillating hero to whom mermaids will not sing, but in whose name T.S. Eliot wrote a love song.

Answer: J. Alfred Prufrock

17. This conference dealt largely with military issues: the invasion of Sicily, apportionment of forces in Asia, and nuclear research. It was later criticized because it called for the "unconditional" surrenders of Germany, Italy, and Japan. FTP, name this January, 1943 conference attended by Roosevelt and Churchill, but not Humphrey Bogart, in Morocco.

Answer: "Casablanca Conference"

18. It resists seawater corrosion and rust as well as platinum and better than stainless steel. In 1791, it was discovered by William Gregor who was interested in mineralogy, while Martin Klaproth named it in 1795. With an atomic number of 22, its first commercial use was as an oxide to replace lead in paints, while the military would use this metal in aircraft and jet engines. For ten points, name this element with the chemical symbol Ti.
Answer: Titanium

19. He based his theory of epic theater on the Marxist belief that human nature is a result of changing historical conditions. To this end, his plays attempt to distance the audience from the characters on stage and to make them think objectively about them. FTP, name this German playwright of Galileo and The Caucasian Chalk Circle.
Answer: Bertolt Brecht

20. The composer agreed to have the Star of Bethlehem appear in the closing scene so that the authorities would allow the opera to be shown in Berlin. The star appears just as the title character is crushed beneath the shields of the palace guard, a fitting end for a girl who danced in order to receive the head of John the Baptist. FTP, name this Richard Strauss opera set in the castle of King Herod.
Answer: Salome

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Boni

1. Answer the following questions about the short-lived African republic of Biafra for ten points apiece.

1. From which country did Biafra break away only to be recaptured three years later?

Answer: Nigeria

2. Name any year during which the Republic existed.

Answer: 1967-1970

3. Biafra seceded primarily because of the discovery of oil at Port Harcourt, but it also served the nationalist aims of its majority people. What tribe is that?

Answer: Ibo

2. Identify a painting with each of the following pictorial elements for ten points each.

1. A young boy in a vest with two pistols, one pointing up and one pointing down.

Answer: Eugene Delacroix's Liberty Leading the People

2. A man garbed in dark rectangles on gold and a woman garbed in colorful circles on gold.

Answer: Gustav Klimt's The Kiss

3. Two airplanes; one exploding, one missile track visible.

Answer: Roy Lichtenstein's Whaam!

3. Given the famous spear, identify its owner for ten points each.

1. A Pelian ash spear

Answer: Achilleus (Achilles)

2. Rhongomyant [RON-gome-yant]

Answer: King Arthur of the Britons

3. Gungnir

Answer: Odin (Wodin)

4. Recently the International Olympic Committee narrowed the list of potential sites for the 2004 Summer Olympics to five. For five points each, and a five point bonus for all five, name these five cities, three in Europe and once each in Africa and South America.

Answer: Athens, Greece;

Buenos Aires, Argentina;

Cape Town, South Africa;

Rome, Italy;

Stockholm, Sweden

5. Answer the following questions about a certain paramilitary group for ten points apiece.

1. It was formed in 1921 to provide security for Nazi meetings and harass other political parties; its members were known as "brownshirts."

Answer: Sturmabteilung or SA (Prompt on "stormtroopers")

2. He became Chief of Staff of the SA in 1931 and enlarged the organization to over four million members.

Answer: Ernst R=F6hm

3. Rohm and most of his lieutenants were killed during this June 30, 1934, purge to appease the SS.

Answer: Night of the Long Knives

6. Given one member of a pro wrestling tag team, name his partner =46TP each.

1. Arn Anderson in the Minnesota Wrecking Crew

Answer: Ole Anderson

2. Arn Anderson in the Brain Busters

Answer: Tully Blanchard

3. Arn Anderson in the Enforcers

Answer: Larry Zbysko

7. Two one-ohm resistors are linked in series with a six-volt battery. Answer the following questions about this setup for ten points apiece.

1. A voltmeter is connected in series between the two resistors. What does it read?

Answer: 6 volts

2. An ammeter is connected in series between the two resistors. What does it read?

Answer: 3 amperes

3. An ammeter is connected in parallel around the first resistor. What does it read?

Answer: 6 amperes

8. Identify the following dramatic title characters for ten points apiece.

1. He is a foxy old man who schemes to embarrass and defraud those who are jousting among themselves to become his heir.

Answer: Volpone

2. He is a Venetian military commander who is transferred to Cyprus. His first act is to choose a new lieutenant.

Answer: Othello, the Moor of Venice

3. He is a prosperous banker on whom God, in the form of Zuss, turns. His children die in various accidents, crimes, and wars, but he never loses faith.

Answer: J.B.

9. Answer the following questions about the great Indian epic poem, the Mahabharata for 10 points apiece.

1. The narrative portion of the poem concerns the struggle between two sides of the same family. Name either.

Answer: Pandavas or Kauravas

2 and 3. The most famous section of the poem concerns advice given to a member of the Pandava family by an avatar of Vishnu. For ten points

apiece, name this section of the poem and the man who receives the advice.

Answer: Bhagavad Gita (Song of God); Arjuna

10. Identify the following chemical laws for ten points apiece.

1. The rates of diffusion of two gases are inversely proportional to the square roots of their densities.

Answer: Graham's Law

2. The total pressure in a mixture of gases is the sum of the individual partial pressures.

Answer: Dalton's Law

3. Gases react with one another in small, whole-numbered ratios by volume if the volumes are measured at the same temperature and pressure.

Answer: Gay-Lussac's Law

11. For ten points apiece, identify the tribe of each of the following famous Native Americans.

1. Chief Joseph

Answer: Nez Perce

2. Sequoiah

Answer: Cherokee

3. Crazy Horse

Answer: Sioux

12. Identify the Robert Frost poem from lines for ten points each.

1. The bird would cease and be as other birds / But that he knows in singing not to sing. / The question that he frames in all but words / Is what to make of a diminishing thing.

Answer: The Oven Bird

2. My apples trees will never get across / and eat the cones under his pines, I tell him. / He only says, "Good fences make good neighbors."

Answer: Mending Wall

3. To the land vaguely realizing westward/But still unstoried, artless, unenhanced, / Such as she was, such as she was to become.

Answer: The Gift Outright

13. Answer the following questions about a famous anthropologist for ten

points apiece.

1. Name the long-time professor of anthropology at the London School of Economics whose works include *Magic, Science, and Religion* and *"Myth in Primitive Psychology."*

Answer: Bronislaw Malinowski

2. Malinowski is most famous for his work with the natives of a group of islands which are part of Papua New Guinea. Name those islands.

Answer: Trobriand Islands

3. Of what school of anthropology, generally aligned against structuralism, was Malinowski a founding member?

Answer: functionalism

14. Identify the following scientists important in the development of modern evolutionary biology for ten points apiece.

1. This American biologist discovered that genes were carried by chromosomes=
=2E

Answer: Thomas Hunt Morgan

2. This Dutch biologist was the first to observe and study genetic mutations=
=2E

Answer: Hugo de Vries

3. The modern "synthetic" theory which harmonized genetics and evolution is generally attributed to Dobzhansky, Mayr, and what Briton, the grandson of a proponent of evolution and brother of a famous author, who was the first director-general of UNESCO?

Answer: Julian Huxley

15. Identify the following senators from Maine for ten points apiece.

1. This recently deceased Democrat was the 1968 vice presidential nominee and, later, Carter's Secretary of State.

Answer: Edward S. Muskie

2. She was the first female Senator elected in her own right; this Republican was also famed for denouncing McCarthy.

Answer: Margaret Chase Smith (prompt on Smith)

3. This recently retired Democrat had been the Senate Majority leader.

Answer: George Mitchell

16. Name the Dickens novel from a short list of lesser-known characters for ten points each or for five points if you need some better-known ones.

1. For 10 points: Dr. Alexander Manette, Lucie Manette, Stryver

=46or 5 points: Sydney Carton, Madame Defarge, Charles Darnay

Answer: A Tale of Two Cities

2. For 10 points: Barkis, the Peggotty family, Agnes Wickfield

=46or 5 points: Mr. Micawber, Betsey Trotwood, Uriah Heep

Answer: David Copperfield

3. For 10 points: Mr. Bumble, Bill Sikes, Monks, Mr. Brownlow

=46or 5 points: Fagin, Jack Dawkins

Answer: Oliver Twist

17. For the stated number of points, in which American city would you find each of the following urban renewal areas?

1. For 5 points: Ghiradelli Square

Answer: San Francisco, CA

2. For 10 points: Battery Park

Answer: New York City, NY

3. For 5 points: Faneuil Hall and Quincy Market

Answer: Boston, MA

d. (For 10 points: The Inner Harbor

Answer: Baltimore, MD

18. Answer the following questions about America's biggest corporations.

1. In the latest "Fortune" magazine, two companies switched positions as #1 in terms of employees worldwide. For five points each, name these two companies.

Answer: Wal-Mart overtook General Motors (GM)

2. Wal-Mart and GM occupy 2 of the top 6 places in the Fortune 500, which list companies by revenue. For five points each, name the other 4 companies in the top six.

Answer: Ford Motor Co., Exxon, General Electric (GE), International Business Machines (IBM)

19. Identify the following medical terms for ten points apiece.

1. It is the diagnosis and treatment of ear, nose, and throat diseases.

Answer: Otolaryngology

2. This is the primary device used to examine the ears, nose, and throat.

Answer: Otoscope

3. This is the name given to the constant ringing in the ears.

Answer: Tinnitus

20. Answer the following questions about magnetism, for ten points apiece.

1. According to Gauss' Magnetic Law, this phenomena cannot exist.

Answer: magnetic monopole

2. In 1820, this Dutch scientist discovered that an electric current would deflect a compass needle, the fixed ever link between electricity and magnetism.

Answer: Hans Christian Oersted

3. This English electrician built the first electromagnet in 1825.

Answer: William Sturgeon