

TOSSUPS –BACKUP ROUND

DENNIS HASKINS OPEN HS QUIZBOWL 2001 – UTC

1. In the last hours of John Adams' administration, a new Justice of the Peace for the District of Columbia was appointed. Jefferson tried to void this appointment, but a writ of mandamus was requested in an attempt to override Jefferson's decision. In 1803 the Supreme Court ruled the law governing that writ was unconstitutional. FTP, name this case in which John Marshall began the concept of judicial review.

Answer: **Marbury v. Madison**

2. Johnsy is a young woman seriously ill with pneumonia. Her artist neighbor Behrman realizes she's convinced she'll die soon and obsessed with a fading ivy vine on the wall outside her window. To give her hope, he paints an illusion which helps her recover – but he catches pneumonia and dies instead. FTP this describes what short story by O. Henry?

Answer: **"The Last Leaf"**

3. With his associate Lindemann he developed a special calorimeter to determine heat capacities at low temperatures, leading to key advances in quantum theory. He made important contributions to the understanding of ionic hydration, electrochemical cells, and the idea of buffer solutions. He formulated a law of diffusion of electrolytes and another relating equilibrium concentrations of a solute distributed between immiscible liquid phases, the latter of which formed the basis for modern techniques of solvent extraction. FTP name this German physical chemist, whose heat theorem became synonymous with the Third Law of Thermodynamics.

Answer: **Hermann Walther Nernst**

4. Because of its great size and its innovative use of glass and iron in prefabricated units, it was a milestone in the development of modern architecture. After the exhibition closed, the prefabricated building was dismantled and then reconstructed at Sydenham in South London. For ten points, name this famous exhibition hall designed by Sir Joseph Paxton for the Great Exhibition of 1851 in London.

Answer: **Crystal Palace**

5. Computation Tossup: You have a sphere with a diameter of 6 units. FTP, in terms of π , what is its volume? (READER: Allow 10 seconds before calling time)

Answer: **64 π units cubed**

6. For a while, oddly, Chicago was trying to bring this team to their city. It appears that New Orleans and Louisville have lost out on a chance to lure them to their city. It now seems that Memphis will be home to this NBA franchise whose most memorable players are Mike Bibby and Sharif Abdur-Raheem. FTP, name this team currently still in Vancouver.

Answer: **Grizzlies (prompt on: Vancouver)**

7. Nikolay Ostrovsky's *How the Steel was Tempered* is one example of this state-mandated literary style that writers were obligated to follow in the former Soviet Union. FTP, in what literary style did all works display the steady progress of Soviet society toward achieving the goals of socialism?

Answer: **socialist realism**

8. In this agreement many countries pledged to work for increased cooperation in economics, peacekeeping, and the promotion of human rights. Every European nation except Albania and Andorra, plus Canada, Cyprus, and the United States, signed the agreement in 1975 at the Conference on Security and Cooperation in Europe. FTP, name the agreement which bears the name of Finland's capital.

Answer: **Helsinki Agreement or Helsinki Accords**

9. There are effective vaccinations for this disease, but still no treatment for infected organisms. Victims of this disease often develop a characteristic smacking of the lips as well as painful blisters on the tongue and between the toes. Horses are immune, but sheep and swine are susceptible. FTP, name this highly-contagious disease, a current outbreak of which is hindering European economy.

Answer: **foot and mouth disease** or hoof and mouth disease or aftosa (prompt on fmd)

10. This goddess set fire to Aeneas' fleet, and was prepared Hera's bath every night. The sister of the Harpies, she is portrayed as a normal-looking goddess in a long tunic, and she occasionally dons winged sandals. FTP, name this Greek messenger goddess, personified as the rainbow, and whose name now describes a portion of the eye.

Answer: **Iris**

11. First performed at a December 22nd, 1808 concert in Vienna, its composer once described this symphony as "Fate Knocking on the Door." The BBC played the opening notes of this symphony every day during World War II, and because of its theme's similarity to the Morse code letter "V" it came to symbolize "Victory." FTP, name this Beethoven symphony noted for its four-note theme, roughly *Ta-ta-ta-daaaa*.

Answer: **Beethoven's Fifth** Symphony (don't require the name Beethoven after it's been read)

12. This author wandered through Europe, supporting himself by playing the flute and by begging. Later, he practiced medicine, taught school, wrote the gently satiric *The Citizen of the World* and the melancholy poem "The Deserted Village." FTP, name the Anglo-Irish author best known for the witty comedy *She Stoops to Conquer* and the novel *The Vicar of Wakefield*.

Answer: Oliver **Goldsmith**

13. These two objects appear near the south celestial pole and are separated by approximately 22 degrees. The larger spans about five degrees, while the smaller is less than two degrees across. Because both contain many young stars and star clusters, they are valuable for astronomical research. FTP, identify this pair of satellite galaxies named for a Portuguese navigator.

Answer: **Magellanic Clouds**

14. One myth regarding him is that Apollo was simply punishing him for disobeying a divine command. Another myth is that Athena or Poseidon punished him for damaging a gift. He died when two great sea-serpents suddenly arrived and crushed him and his two sons to death. FTP, name this priest of Poseidon who warned against accepting the Trojan Horse.

Answer: **Laocoon** (lay-AH-co-wan)

15. Put forward in its namesake's seventh annual address to the Congress of the United States, it was interpreted by Presidents Polk and Tyler to justify westward expansion. Originally drafted by Secretary of State John Quincy Adams, FTP, what 1823 policy position became one of the foundations of U.S. policy in Latin America?

Answer: **Monroe Doctrine**

16. In its early form, membership was restricted to those who were regenerated, or spiritually reborn, through a personal experience of conversion. The local church was constituted by a membership agreement called a covenant, and the church had the authority to choose its own leaders and discipline its own members. For ten points, what form of local church government is similar to Unitarianism and takes its name from the church's parishioners?

Answer: **congregationalism**

17. The 1758 "Conspiracy of the Tavoras" attempted to remove this nation's unpopular dictator, the marquis of Pombal, who was ruling in the stead of King Joseph I. In 1801 the country waged the unsuccessful "War of the Oranges" with its eastern neighbor. FTP, what country was hit with the triple whammy of fire, a flooding Tagus river, and an earthquake in Lisbon in 1755?

Answer: **Portugal**

18. Hair, The Flood, Because He Liked to Look at It, I Asked a Six Year Old Girl, and I Was There in the Room are some of its subsections. For the sake of thoroughness, writer Eve Ensler interviewed over 200 women while researching for this play. FTP, name this feminist theatre sensation that has boasted celebrity performers such as Calista Flockhart, Claire Danes, Donna Hanover, and Ricki Lake.

Answer: The **Vagina Monologues**

19. This physicist developed an airtight gondola in 1932, which he attached to a hydrogen filled balloon and used to ascend to a height of 53,152 feet. In 1952 went in the opposite direction and descended 10,300 feet in the Mediterranean Sea in a bathyscaph he had designed. FTP, identify this man whose name is nearly identical to that of a commander of the *Enterprise*.

Answer: Auguste **Piccard**

20. This ruler was responsible for the most executions of any English monarch - over 72,000. Two of them were his own spouses. For ten points, name the English king given the title defender of the faith who later broke with the church over an annulment to his second wife.

Answer: Henry VIII

21. It is fed by the Bear, Jordan, and Weber rivers and lies near the base of the Wasatch Mountains. It has recently increased in size somewhat, but its salinity has remained near constant. FTP, what is this large lake in Utah?

Answer: **Great Salt Lake**

22. This book of the Bible is named after a Jewish hero who lived during the early 600's B.C. It was used by the Maccabees to inspire a revolt against Antiochus IV in 160 B.C. It tells the story of the interpretation of the writing on the wall at Belteshazzar's feast and, FTP, goes on to relate the night the title character spent in the lion's den.

Answer: **Daniel**

23. Among the losing nominees for this certain year's best picture were *Of Mice and Men*, *Love Affair*, *Dark Victory*, *Goodbye Mr. Chips*, and *Wuthering Heights*. Other nominees for this year were *Ninotchka*, *Stagecoach*, *Mr. Smith Goes to Washington*, and *The Wizard of Oz*. FTP, name this year for which *Gone With The Wind* won Best Picture.

Answer: 1939

24. Two offshoots of this line that fell from power were the "Bayreuth" and "Ansbach" lines. The main line descends from Sophie Charlotte of Hanover, who married the Elector of Brandenburg, Frederick I. FTP, name this Prussian dynastic house.

Answer: **Hohenzollern**

BONI – BACKUP ROUND

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1. FTP each, name these Roman-era authors:

This Stoic was a tragedian and author of several moral essays including *On the Happy Life*.

Answer: **Seneca**

His epic poem, *De Rerum Natura*, was a treatise on Epicureanism.

Answer: **Lucretius**

This Christian philosopher's major work was titled *The City of God*.

Answer: St. **Augustine**

2. Not very many brothers direct movies together. Give the shared surname of the co-directors of these films FTPE:

Dumb and Dumber and There's Something About Mary

Answer: **Farrelly**

Airplane and The Naked Gun (both with a 3rd collaborator, Jim Abrahams)

Answer: **Zucker** [extra style points if they say Brothers Zucker]

Raising Arizona and (it figures) O Brother, Where Art Thou?

Answer: **Coen**

3. FTP each, answer these questions about unification theories.

This is the theory constructed in large part by Mitchell Feigenbaum, but which is popularly attributed to James Gleick, who wrote a book about it.

Answer: **chaos** theory

This is a weather-related effect of chaos theory, which demonstrates how weather is unpredictable in the long-term, because the weather system is sensitive to initial conditions, and that a small change can lead to, say, a tornado halfway around the world.

Answer: **butterfly** effect

He is the meteorologist that discovered the "butterfly effect" and also discovered the pattern now known as the "strange attractor."

Answer: Edward **Lorenz**

4. For ten points each, name these gatherings from American history.

Ben Franklin proposed a plan for colonial union at this 1754 meeting.

Answer: Albany Congress

Called by New England Federalists in late 1814, this gathering of those opposed to the War of 1812 lost its steam when the U.S. won the war.

Answer: Hartford Convention

The Chicago Seven were charged with conspiracy to cross state lines and incite riots at the Democratic National Convention in Chicago in what year?

Answer: 1968

5. Name the authors of the New York Times bestsellers FTP each.

Non-Fiction: An Hour Before Daylight.

ANSWER: Jimmy **Carter**

Fiction: A Painted House.

ANSWER: John **Grisham**

Paperback Fiction: We Were the Mulvaney.

ANSWER: Joyce Carol **Oates**

6. Answer these computational problems FTP each. (READER: allow 15 seconds per part before calling time)

Find the integral of $\cos(2x)$.

Answer: $\frac{1}{2} \sin(2x)$

Find all possible solutions of $x^2 + 4 = 0$

Answer: $2i$ and $-2i$

This is the total number of opening moves for white in chess.

Answer: 20

7. FTP each, name the constellations in which these stars appear.

Sirius

Answer: **Canis Major** (Accept: Greater Dog)

The Pleiades

Answer: **Taurus** (Accept: Bull)

Betelgeuse

Answer: **Orion**

8. The 60's were wild times – the 1860's, that is. Answer the following questions about the decade FTP each.

After freeing the serfs in 1861, this Czar called himself a greater emancipator than Lincoln.

Answer: **Alexander II** or Alexander the Great

The compromise of 1867 set up this central-European dual monarchy.

Answer: **Austria-Hungary** or the Austro-Hungarian Empire

Prussia and Austria allied to invade Denmark in 1864, and soon occupied these two territories.

Answer: **Schleswig** and **Holstein** (both required)

9. Given a “must-have” piece of classical music, name its Romantic composer FTP each.

Andante Spianato & Grande Polonaise

Answer: Frederic **Chopin**

Enigma Variations

Answer: Edward **Elgar**

Concerto in D for Piano (also known as the *Concerto for the Left Hand*) and *Bolero*

Answer: Maurice **Ravel**

10. FTP each, name these Greek deities from their descriptions.

This “most gentle and most terrible” god, son of Semele, would have fit in well in the sixties, being known for an almost complete lack of restraint.

Answer: **Dionysus**

Her mother was very sorrowful when her “lover” kidnapped her and took her to his home. Name this goddess, kidnapped by Hades and who is indirectly responsible for the four seasons of the year.

Answer: **Persephone**

She was the sister of Apollo, the virgin goddess of the hunt.

Answer: **Artemis**

11. Name the painter given a clue FTP apiece.

He painted *The Sowers* and *The Gleaners*

Answer: Jean Francois **Millet**

He lived with Paul Gauguin and cut off his own ear.

Answer: Vincent Van **Gogh**

This Italian proved his artistic skill to a patron by drawing a perfect circle freehand, and would later paint most of the Arena Chapel.

Answer: **Giotto** di Bondone

12. 30, 20, 10 name the organ.

30 – A wound to Alexis St. Martin, a soldier at Fr. Mackinac, allowed surgeon William Beaumont to observe the workings of this organ. In 1838, Beaumont published the results of 238 experiments he performed on St. Martin.

20 – Its interior subdivisions include the cardia, the fundus, the intermediate region, and the pylorus.

10 – It is connected, via the pyloric sphincter, to the small intestine.

Answer: **stomach**

13. Gen. James Shields is the only person to serve in the U.S. Senate from 3 different states. Given less geographically versatile political figures from those states, name the state on a 10-5 basis:

1. (10 pts,) John P. Altgeld, Carol Mosely-Braun, Harold Washington, Paul Simon

(5 pts.) Richard Daley Jr., Adlai Stevenson

Answer: **Illinois**

1. (10 pts,) Thomas Hart Benton, Stuart Symington, Christopher Bond, Thomas Pendergast

(5 pts.) Harry Truman

Answer: **Missouri**

1. (10 pts,) Paul Wellstone, Hubert Humphrey

(5 pts.) Jesse Ventura

Answer: **Minnesota**

14. Passover is one of the most important holidays of the Jewish year. Answer these questions on it FTPE:
In Hebrew, Passover is called this.

Answer: **Pesach**

This family celebration and meal occurs on the first evening of Passover.

Answer: **Seder**

During the Seder, the tale of the Ten Plagues of Egypt is recounted from this book of the Bible.

Answer: **Exodus**

15. It developed from a risqué type of dance first performed in 1603 by a female dance group in Kyoto. Now only men are permitted to take roles in this popular form of traditional Japanese theater. For fifteen points each:

This is the traditional Japanese type of puppet theater.

Answer: **bunraku** (accept: joruri)

This is a type of drama with vivid costumes and lively, sometimes violent, action.

Answer: **kabuki**

16. Answer these related questions about an element, 5-10-15.

5 – This is element number 15.

Answer: **phosphorus**

10 – This colorful allotrope of phosphorus, which can be ignited by friction, is used as the striking surface of matchbooks.

Answer: red **phosphorus**

15 – Another common allotrope of phosphorus, white phosphorus, is a molecular solid with four molecules of phosphorus positioned in this molecular arrangement.

Answer: **tetrahedral**

17. The poet Samuel Taylor Coleridge once identified the 3 works of literature that he believed had the best plots. You may not agree, but can you name these two for 15 points.

The 1610 play by Ben Jonson about a dabbler in the occult sciences

Answer: *The Alchemist*

The ancient Greek play is the first part of a trilogy about a mythical ruler, and was written by Sophocles

Answer: *Oedipus Rex* or *Oedipus The King*

18. FTP each, name the states of which these are the highest points.

Granite Peak

Answer: **Montana**

Mt. Elbert

Answer: **Colorado**

Harney Peak

Answer: **South Dakota**

19. Answer the following questions about South African history FTP each.

This tribe, the largest in South Africa, created a small imperial state in the early 19th century under its chief Shaka.

Answer: **Zulu**

This is the name, meaning "farmer," that refers to semi-migratory Dutch settlers who tended to favor expansion into northeastern areas of South Africa.

Answer: **Boers** (do not accept: Afrikaners)

A small Boer force inflicted huge damages on Zulu warriors under Dingane, Shaka's successor, at this 1838 battle. The battle's name comes from the discoloration of a nearby river caused by the one-sided massacre.

Answer: **Blood River**

20. Answer the following questions about a famous boxing rivalry that had six installments for 15 pts each. Born Walker Smith, this welterweight, middleweight, and light heavyweight champ had a career record of 173-19-6 against the likes of Gene Fullmer, Randy Turpin, and Bobo Olson from 1940-65. He is widely considered the greatest fighter, pound-for-pound, of all time.

Answer: Sugar Ray **Robinson**

This middleweight, nicknamed the "Raging Bull," won only one of his six bouts against Sugar Ray Robinson. The last fight, won by Robinson in 13 rounds, is immortalized in a Martin Scorsese/Robert DeNiro film.

Answer: Jake **LaMotta**

21. Name these battles of the War of 1812 FTP each.

This Sept. 10, 1813 battle saw Oliver Hazard Perry defeat British forces; his famous message was "We have met the enemy and they are ours."

Answer: Battle of **Lake Erie**

This September 13-14, 1814 battle against the defenses of Baltimore was witnessed by Francis Scott Key.

Answer: Battle of Fort **McHenry**

American forces defeated British forces in Canada in this 1813 battle which also saw the death of Tecumseh.

Answer: Battle of the **Thames**

22. When it is twelve o'clock in New York, what time is it, for five points each, in each of the following cities? Assume standard time.

- | | |
|------------------|-----------------|
| a) Detroit | A. <u>12:00</u> |
| b) El Paso | A. <u>10:00</u> |
| c) Fairbanks | A. <u>8:00</u> |
| d) Frankfort, KY | A. <u>12:00</u> |
| e) Calgary | A. <u>10:00</u> |
| f) Los Angeles | A. <u>9:00</u> |