

QUESTIONS FOR PENN BOWL 1992

PENN STATE ~~BLUE~~ TEAM

QUESTIONS BY DOUG O'NEAL

TOSS-UPS

1. In the late 18th century Michael Haydn wrote a symphony which incorporated a short introduction by another composer. But for many years that other composer was thought to have written the entire piece, and it was numbered as his symphony #37. That's why if you look for recordings of his symphonies you'll find numbers 35, 36, 38, 39, 40, and 41, skipping 37. FTP, name this eighteenth century Austrian master.
A. W.A. Mozart
2. Born in Brooklyn, he entered Brown University after a brief World War 2 army stint. At Brown he studied English literature and was quarterback of the football team. After graduation he put off law school to follow his coach, Rip Engle, to Engle's new job -- at a place he remains to this day. FTP, name this winningest active Division I football coach.
A. Joe Paterno (or "Joepa")
3. Your watching a play in ancient Greece or Rome. The action reaches a tense point in the plot, and then an actor portraying a god pops out of a door in a stage to resolve the crisis situation. FTP, what three-word Latin phrase names the literary device that the playwright has used?
A. Deus ex machina
4. These astronomical objects have strong emission lines that astronomers originally couldn't identify with known elements, though the objects' images looked like stars on photographs. The reason for the problem was that the lines were very redshifted; these objects are the most distant and most luminous objects known. FTP, name these very distant and very energetic galactic nuclei.
A. Quasars or QSO's
5. This poet lived in England during the reign of Oliver Cromwell. In fact, he was a secretary to Cromwell and wrote numerous pamphlets supporting religious freedom. FTP, name this poet who lived from 1608 to 1674 and wrote Paradise Lost.
A. John Milton
6. The flags of Tuvalu, Fiji, Bermuda, Hawaii, Australia, and New Zealand, FTP, all incorporate in their designs what prominent common feature?
A. British flag or Union Jack

7. The French "fenêtre" and the German "Fenster" are names of the same object; they are related to the English "defenestrate", which means to throw somebody out one. FTP, what common item do these two words name?

A. Window

8. At the Constitutional Convention, this Virginian gave 136 speeches demanding protection of personal rights and warning against a strong central government. In 1774 he had written the Fairfax Resolves, stating the colonists' case against the British; and in 1776. the Virginia Declaration of Rights. FTP, name this patriot.

A. George Mason

9. This announcer's favorite sport is baseball, and he was originally a broadcaster for the Cincinnati Reds. But he's best known for a hockey game and an earthquake. FTP, name the ABC sportscaster who was on hand for the 1980 Olympic Miracle on Ice and the 1989 World Series Earthquake.

A. Al Michaels

10. The first thing this author's giant character said upon being born was "To drink, to drink!". The author was a physician in Lyon, France, until 1532 writing medical treatises as well as humanistic satires. He drew the condemnation of the Sorbonne in 1533 for his Pantagruel. FTP, name this author of Gargantua.

A. Francois Rabelais

11. In 1770 James Cook arrived in what is now Queensland, Australia, and learned a number of Aboriginal words. An English expedition 18 years later found Aborigines using one of those words to refer to sheep and cattle brought by earlier English ships rather than to the animal Cook used it for. FTP, give this word that names Australia's most celebrated faunal inhabitant.

A. Kangaroo

12. On his 1990 album "The Flower That Shattered The Stone", he sings the title song as a duet with Japanese singer Kosetsu Minami. He's previously recorded songs with Soviet pop star Alexander Gradsky, as well as with Placido Domingo, Olivia Newton-John, and Emmylou Harris. FTP, name this musician best known for 1970's songs such as "Grandma's Feather Bed" and "This Old Guitar".

A. John Denver

13. The contiguous United States have a few mountain peaks over 14,000 feet tall, including Washington's Mt. Rainier and Colorado's Pike's Peak. But FTP, what California mountain is the tallest outside Alaska, towering 14,494 feet?

A. Mt. Whitney

14. Alfred Wegener proposed the theory of continental drift when he noticed that the shapes of the coastlines of continents on opposite sides of the Atlantic would fit together like a puzzle. In modern geology continental drift is part of a wider theory incorporating sea-floor spreading, subduction zones, and convection currents originating in the Earth's mantle. FTP, give the name of this theory.

A. Plate tectonics

15. They are no longer official divisions of France, but they retain their own cultures and traditions. They include Champagne, Bretagne, Orléanais, Provence, Alsace, and Poitou. The name for those regions of France is the same as the name of the current primary political divisions of Canada. FTP, give the term.

A. Provinces

16. The Civil War is the subject of more books by far than any other American historical event. Now it's the subject of the most-watched public television series ever. FTP, name the creator of the Civil War series, first aired in 1990.

A. Ken Burns

17. Living from 59 B.C. to A.D. 17, he was the last writer in Latin to attempt a full history of Rome. He lived under the empire, but his history covered the period from the legendary beginnings of Rome, through the Republic, to 9 B.C. His work was accepted as authoritative until 1800. FTP, name this author of Roman History.

A. Livy

18. His latest nature film effort describes stages in animal life cycles -- birth, mating, etc. -- and is called "The Trials of Life". Earlier he made television series about "Life on Earth" and "The Living Planet". FTP, name this British naturalist.

A. David Attenborough

19. If the Southeastern Conference had a basketball tournament and in the semifinals, Auburn played Louisiana State in the first game and Mississippi State played Georgia in the second game, both contests would be between teams with the same nicknames. FTP, give both of these nicknames shared by two SEC teams.

A. Tigers, Bulldogs

20. A set of two of the same thing is called a binary. A set of three can be called a trinary. But FTP, what word would you use if you extended it to a set of four objects?

A. Quaternary

21. Negro, Tapajos, Madeira, Putumayo, Marañon, Jurua. These rivers in Brazil, Peru, and Colombia are all, FTP, tributaries of what other more famous river?

A. Amazon

22. He was dismissed from his PBS television series because the network thought he did too many commercial advertisements, endorsing everything from electric heat pumps to hardware. His series has been turned into a book about restoring antique houses. FTP, name this "This Old House" star.

A. Bob Vila

23. This United Nations envoy in fall 1991 attempted to negotiate between the sides in the Yugoslavian civil war. A native West Virginian, more than a decade earlier he was replaced in President Carter's cabinet by Edmund Muskie. FTP, name this former secretary of state.

A. Cyrus Vance

24. His mistress was almost illiterate, and he gave his children away to orphanages. Nevertheless, he wrote a treatise on the ideal education of an ideal young boy. FTP, name this French philosopher and author of the pedagogical work Emile.

A. J.-J. Rousseau

Jean-Jacques

25. The Lucasian chair of Mathematics at Cambridge University has been occupied through the centuries by famous mathematicians and physicists, including Isaac Newton and James Clerk Maxwell. For ten points, who is the current incumbent?

A. Stephen Hawking

~~22. Fragments of an earlier version of this book, titled "Stephen Hero", were published after the author's death. For ten points, name this semi-autobiographical novel by James Joyce.~~

~~A. Portrait of the Artist as a Young Man~~

27⁶. Suppose a farmer produced a new strain of legumes called the Argus Potato. You might not want to cook with it because, if it possessed the distinguishing characteristic of its mythological namesake, it would have too many of what?

A. Eyes

28⁷. For ten points, which two of the following languages are not in the Indo-European family: Russian, Hebrew, Greek, German, Finnish, Icelandic?

A. Hebrew, Finnish

29⁸. Supposedly situated somewhere in the interior of Tibet, this mythological land of eternal youth and safety from war is now associated with any ideal refuge. For ten points, name this valley which provided the setting for James Hilton's 1933 novel, Lost Horizon.

A. Shangri-La

30⁹. June Foray supplied the voice of a number of cartoon characters, including for ten points what aerial rodent companion to Bullwinkle the Moose?

A. Rocky the flying squirrel

BONUSES—Fun State

1. (20) Trenton, Wilmington, Baltimore, Raleigh, Augusta, Richmond. All these cities were established along a natural boundary where rivers plunge from the resistant granite rocks of the Appalachians to softer rocks of the coastal plains, making rapids and waterfalls and making further inland travel difficult. For 20 points, give the two-word term for the boundary between a continent's mountainous and coastal regions.

A. Fall line

2. (25) Molluscs, echinoderms, and arthropods are three of the most numerous phyla of invertebrate animals. For five points each and a five point bonus if all correct, put the following animals in the proper one of those three phyla:

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|-------------|-----------------------|
| 1. Clam | A. <u>Molluscs</u> |
| 2. Starfish | A. <u>Echinoderms</u> |
| 3. Crab | A. <u>Arthropods</u> |
| 4. Snail | A. <u>Molluscs</u> |

3. (20) A story about this 17th century intellectual claims that he opened a copy of Euclid's Elements in the middle, then worked backwards until he had to accept on faith no more than the idea that the shortest distance between two points is a straight line. He then resolved to use the same approach to political theory, and deduced major conclusions about political forms from a few limited premises about human nature. For 20 points, name this author of Leviathan.

A. Thomas Hobbes

4. (20) The one you're probably most familiar with is "Deck the Halls". P.D.Q. Bach wrote one called "My Bonnie Lass She Smelleth". They're a type of song popular in Italy and England in the 16th and 17th centuries, with several polyphonic vocal parts sometimes accompanied by strings. For twenty points, name this type of song most often sung at private gatherings.

A. Madrigal

5. (30) Some pairs of U.S. states we don't usually think of being near each other nevertheless border the same third state. I'll name three pairs of states and, for ten points each, give the only state that borders both states in the pair.

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|--------------------------|------------------------|
| 1. Virginia and Arkansas | A. <u>Tennessee</u> |
| 2. Iowa and Montana | A. <u>South Dakota</u> |
| 3. Missouri and Wyoming | A. <u>Nebraska</u> |

6. (25) This German city on the Mosel River is the country's oldest town; it was established by the Romans and still contains Roman ruins. In World War II it was the first German city taken by the allies. For twenty-five points, name this city near the border with Luxembourg.

A. Trier

7. (20) If two violins playing the same note are slightly out of tune with each other, you'll hear this physical phenomenon. It results when two waves with similar frequencies alternately constructively and destructively interfere with each other, causing a sound whose intensity varies with the difference of the two frequencies. For twenty points, name this phenomenon.

A. Beats

8. (30) In the late American colonial period, Virginia was the most populous colony, with 538,000 people in 1780. For five points each and a five point bonus for putting them in order, name the five next most populous states in 1780.

A. Pennsylvania, North Carolina, Massachusetts, Maryland, New York

9. (30) When a team wins the first two games of the World Series, they usually cruise to the championship. But not always. Only twice in history, 1987 and 1991, has a team won the first two games, lost the next three, and won the last two. For ten points name the team that won both these series, and for five points each name the teams they defeated.

A. Minnesota Twins; St. Louis Cardinals. Atlanta Braves
Also only twice in history has a team won the first two games of the series only to lose the next four. Those two World Series, in 1978 and 1981, involved the same two teams. For five points each, name them.

A. New York Yankees, Los Angeles Dodgers

10. (30) On December 25 we say Merry Christmas, or Happy Christmas if you're British. For fifteen points each, give me the equivalent greeting in any two of French, Spanish, and German.

A. Joyeux Noël, Feliz Navidad, Fröhliche Weihnachten

11. (20) In 1789, shortly before the beginning of the revolution, this French meeting was called for the first time since 1614. It was necessitated by discontent among the growing French middle class. For twenty points, name this meeting of the clergy, nobles, and middle class which failed to resolve France's problems.

A. Estates-General

12. (30) How much do you know about your heart -- the blood vessels near it, to be precise. For ten points each, identify the following:

1. The large artery that carries blood from the heart to the body.

A. Aorta

2. The large veins returning blood to the heart

Superior & Inferior A. Vena Cava

3. The word naming the arteries and veins carrying blood from the heart to the lungs and vice-versa.

A. Pulmonary

13. (30) French king Henry IV issued a decree granting religious tolerance to protestants in his country, in particular the Huguenots. It made Calvinism legal and opened public office to protestants. For ten points name this decree and for ten more points, tell me what year it was issued, within 20 years.

A. Edict of Nantes, 1598 (1578-1618 acceptable)
Nine decades later the edict was revoked by another king, causing four-fifths of French protestants to leave the country. For ten points, name the king who took that action.

A. Louis XIV.

14. (30) The universe is expanding, according to modern astronomers. This fact was predicted before it was observed. First, for fifteen points, what scientist did not accept the prediction of an expanding universe in his 1915 theory and so added a "cosmological constant" to make it static?

A. Albert Einstein

Second, for fifteen points, what astronomer established the expansion of the universe by observing that the light from most galaxies is redshifted? The constant relating a galaxy's distance to its velocity is named for him.

A. Edwin Hubble

15. (25) How well do you know your Star Trek movies? For five points each and a five point bonus if all correct, match the following Star Trek subtitles with the number of the movie they belong to:

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| 1. The Search for Spock | A. <u>3</u> |
| 2. The Wrath of Khan | A. <u>2</u> |
| 3. The Final Frontier | A. <u>5</u> |
| 4. The Voyage Home | A. <u>4</u> |

16. (25) I'll give you the death dates of five noted intellectuals of the sixteenth through eighteenth centuries, and you match the dates with the men, for five points each. The dates are: 1626 1755, 1704, 1679, 1790.

- feed -> together
- | | |
|------------------|----------------|
| 1. Montesquieu | A. <u>1755</u> |
| 2. Adam Smith | A. <u>1790</u> |
| 3. Francis Bacon | A. <u>1626</u> |
| 4. John Locke | A. <u>1704</u> |
| 5. Thomas Hobbes | A. <u>1679</u> |

17. (30) The equator cuts through three countries in South America and six in Africa, as well as through Indonesia. First, for five points each, name the three South American nations straddling the equator.

A. Ecuador, Colombia, Brazil

Now, for five points each, name any three of the six African countries.

A. Gabon, Congo, Zaire, Uganda, Kenya, Somalia

18. (25) Blaise Pascal was a convert to this religious movement which began when a bishop wrote that the Catholic church had forgotten the teachings of St. Augustine. The Church and the Jesuits attempted to suppress his claims, because they sounded too much like protestant teachings; King Louis XIV persuaded the pope to issue a bull condemning it. For 25 points, name this 17th and 18th century religious movement, named after its founder.

A. Jansenism

19. (20) In the Soviet Union, or what's left of it, nowadays you can't tell the politicians without a scorecard. For ten points each, name the former Soviet republic headed by:

1. Vytautas Landsbergis
2. Leonid Kravchuk

A. Lithuania
A. Ukraine

20. (25) By the time this question is used the Albertville Winter Olympics will probably already have taken place. But can you name the sites -- city and country -- of the next two Winter Games? Ten points for one and twenty-five points for both.

A. Lillehammer, Norway; Nagano, Japan

21. (30) The Soviet Union wasn't the scene of 1991's only coup. For fifteen points each, name the Haitian president who was deposed September 30 and the man who took over the government as interim prime minister.

A. Jean-Bertrand Aristide, Jean-Jacques Honorat

22. (20) Government agencies have all the fun -- at least when it comes to inventing acronyms. NASA is no exception. For five points each and a five point bonus for all correct, give the phrases these space agency acronyms stand for:

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|---------|---------------------------------------|
| 1. STS | A. <u>Space Transportation System</u> |
| 2. HST | A. <u>Hubble Space Telescope</u> |
| 3. MECO | A. <u>Main-Engine Cut-Off</u> |

23. (20) In the U.S. Civil War, some battles were given different names by the opposing sides -- for example, the battle called Bull Run by the Yankees was called Manassas by the Rebels. For ten points each, give the other name of the following battles:

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|---------------|-----------------------------|
| 1. Sharpsburg | A. <u>Antietam</u> |
| 2. Shiloh | A. <u>Pittsburg Landing</u> |

24. (20) I'll give the numerical values of four fundamental physical constants in the meter-kilogram-second system of units, and for five points each you give me either the name or the symbol of the constant.

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|---------------------------|--|
| 1. 1.6×10^{-19} | A. <u>e or the charge of the electron</u>
<u>or the elementary charge</u> |
| 2. 6.63×10^{-34} | A. <u>Planck's constant or h</u> |
| 3. 3×10^8 | A. <u>c or the speed of light</u> |
| 4. 6.67×10^{-11} | A. <u>G or the universal</u>
<u>gravitational constant</u> |

25. (25) For five points each, identify the school of philosophy associated with each of the following philosophers:
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|---------------------|--------------------------|
| 1. Diogenes | A. <u>Cynicism</u> |
| 2. Zeno of Elea | A. <u>Stoicism</u> |
| 3. Auguste Comte | A. <u>Positivism</u> |
| 4. Jeremy Bentham | A. <u>Utilitarianism</u> |
| 5. Jean-Paul Sartre | A. <u>Existentialism</u> |
26. (20) For ten points each, name the two primary tributaries of the Shatt-al-Arab.
- A. Tigris, Euphrates rivers
27. (30-20-10) Identify this Frenchman:
1. He was the author of 1656 of an early science-fiction work entitled "A Comic History of the States and Empires of the Moon".
 2. He was a freethinker, poet, playwright, soldier, and skilled duelist.
 3. He was the long-nosed hero of an 1897 play by Edmund Rostand.
A. Cyrano de Bergerac++