## DUKE 1 INDIVIDUAL QUESTIONS FOR 1994 UNC INVITATIONAL

1: In the 1985 Final Four, Georgetown defeated Louisville, and this team defeated Memphis State, before defeating Georgetown in the finals. For a quick ten points, name this team coached by Rollie Massimino.

## A: VILLANOVA

2: He won the Nobel prize for his theory. The only trouble was that it only worked for hydrogen. However, it went a long way towards explaining the lines found in emision and absortion spectra. FTP name man who aided in the development of the atom bomb, a Danish physicist who developed the shell model of the atom.
A: Noels BOHR
3: Though she has written books about other supernatural phenomena, by far her most popular works are about one type of mythical creature. FTP name this author of Queen of the Damned (1988), and Tale of a Body Thief (1992), Interview with a Vampire (1976), The Vampire Lesat (1985),
A: Ann RICE
4: The governor of Bengal couldn't have had worse timing in provoking the British. Expecting trouble from the French, the British had recently increased thier number of soilders in India to an all-time high. The conflict was decided at Plassey in 1757 where the fifty thousand man, French equiped army of Bengal was utterly defeated by eight hundred British regulars and twenty-two hundred Sepoys. FTP what British General, who is mentioned once in "Indiana Jones and the Temple of Doom", lead this force.

## A: Robert CLIVE

5: For a quick ten points, the victory of the Allies at the Battle of Nations (1813) led to Napoleon's intial abdication of the French throne. Over what German city was the battle fought, the current home of Karl Marx University.
A: LEIPZIG
6: This unit of pressure is actually defined as the pressure exerted by a mm of Hg at 0 degrees C to get around variations in the density of Hg with temperature. FTP what is this unit whose name is a shortened form of that of the Italian inventor of the barometer.
A: TORR
7: If this chip ever makes it out of development it may push the alliance of IBM, Apple, and Motorola over the top. Fortunatly for Intel, they haven't perfected it yet. FTP what is the designation of this chip capable of both running both PowerPC and $x 86$ software in hardware.
A: PowerPC 615 or PPC615
8: Offically part of Brazil, these two "rocks", as they are called, rise from a position on the the Mid-Atlantic Ridge just north of the equator. For a quick ten points what are these two islands, named after the two most prominent apostles.
A: ST. PETER and ST. PAUL Rocks
9: Among his possessions was a Gullinbursti, a golden helmet with the
crest of a wild boar, Blogdighofi, his horse, and Skithbathnir, a magic ship which could be folded like a tent. The son of Njord and husband of Gerda, he was originally one of the Vanir but was received by the Aesir after the war between the two. FTP name this Norse god of peace and fertility, dispenser of rain.

## A: FREY or FREYR

10: Named after a breed of hound and recruited to fill vacancies in the Royal Irish Constabulory caused by a the obvious absence of many Irish menmbers from 1919 to 1923, their main purpose was to maintain order during the struggle for Home Rule. Their repressive measures did much to discredit British rule. FTP name this sector of the British military who were prone to terrorism.
A: BLACK AND TANS
11: This drug is making a comeback, after researchers have discovered its potential in treating leprosy and graft-versus-host disease in bone-marrow-transplant-recipients. Application of the drug may become crucial in fighting the HIV virus. It's hard to believe that this was the drug that was banned in the 1960s after it is found to cause severe birth defects when pregnant women take it as a sedative. FTP, name the drug. A: THALIDOMIDE

12: Influenced by Tintoretto, he is known for his "Christ at Gethsemane", "Assumption of the Virgin", "Portrait of Cardinal Nino de Guevara" and "View of Toledo". FTP name this 16th century mannerist whose real name was Dominekos Theokopolis.
A: EL GRECO
13: During his administration Hull House was founded, the Oklahoma land rush starts, Frederick Jackson Turner publishes his frontier thesis, the Homestead strike occured, and the McKinley tariff and Sherman Anti-Trust Act were passed. FTP all these events happened during the administration of what U.S. president?
A: Benjamin HARRISON
14: Name the eighteenth-century poet and forerunner of the Romantics who conducted important correspondance with Horace Walpole and whose poems include "The Bard", "Ode of the Death of a Favorite Cat, Drowned in a Tub of Gold Fishes", "Sonnet on the Death of Richard West", "Ode on a Distant Prospect of Eton College", and FTP, "Elegy Written in a Country Churchyard."
A: Thomas GRAY
15: This Supreme Court case ruling stated that it was a violation of the equal protection clause of the 14th amendment for a university to use quotas to give preference to racial groups in an admissions program However, an applicant's race can be considered as one factor in the admissions process." As a result of this 1978 case, the student was admitted to the university's medical school, stating the existence of "reverse discrimination". For ten points, name this case.
A: REGENTS OF THE UNIVERSITY OF CALIFORNIA vs. BAKKE
16: "King of Comedy", "Star 69", "Tongue", "Crush With Eyeliner", and
"What's the Frequency, Kenneth?" are five songs from the new REM release entitled what?
A: MONSTER
17: It is a complicated poetic form written in tercets and a closing quatrain, characterized by two refrain lines. A modern example is Dylan Thomas' "Do Not Go Gentle Into That Good Night." FTP name this poetic form derived from the latin word meaning "farm",

## A: VILLANELLE

18: This law states that the change in enthalpy for any reaction is constant. In essence, it defines additive heats of reaction and states that the overall heat of reaction is the algebraic sum of the heats of reaction of all reactions which add up to the final reaction. For ten points, whose law is it?
A: HESS' LAW
19: Its shape is formed when a flexible, inelastic chain of uniform density, suspended at its two ends, is only subjected to the influence of gravity. Also, in many cases, when buildings are built in this shape, they turn out to be most structurally sound and strong. Coincidentally, it is also the same shape as that of the "Gateway Arch to the West" in St. Louis, Missouri. Its graph comes from the hyperbolic cosine function and also from the Latin word meaning "chain". For ten points, name this shape. A: CATENARY

20: He was the 9th child of a police official of Leipzig. He began his study of music at the St. Thomas School where he studied the works of Beethoven and Weber. In 1842, he became the Court Conductor of Dresden, later working for King Ludwig II of Bavaria for many years. A prolific composer of opera, among his works are Tristan und Isolde, Die Meistersinger von Nurnberg, Tannhauser, Lohengrin, and Der Fliegende Hollander. For ten points, name this composer.
A: Richard WAGNER
21: This theory states that while food production will grow arithmetically, population will grow geometrically; thus, as time progresses, the food level will drop below subsistence level, resulting in famine, death and a rise back up to the subsistence level. In theory, these events are supposed to repeat themselves; however, due to technology changes, the theory failed. For ten points, name this theory of population and economics designed by the man who was England's first professor of political economy and who, in 1798, published An Essay on the Principle of Population.
A: MALTHUSIAN TRAP (postulate)
22: name both the Egyptian president and the Israel prime minister who signed the 1979 Egypt-Israel peace treaty.
A: SADAT ( Egypt ) and BEGIN ( lsrael)
23: It is one of the worst cruise disasters in the recent history. While making the journey between Tallinn, Estonia, and Stockholm, Sweden, an Estonian cruise sank in the midst of the storm, killing more than 900 people. FTP, name the cruise ship.

A: ESTONIA

1: ( 30 pts ) Name the dramatist from a list of works on a 30-20-10-5 basis.
30: The Sicilian, Love's the Best Doctor
20: The Would-Be Gentleman, That Scoundrel Scapin, Don Juan
10: The School for Husbands, The School for Wives
5 : The Misanthrope, Tartuffe
A: MOLIERE
2: ( 30 pts ) Given the following Homeric characters name their sons for five points apiece, thirty for all five.

1. Laertes
2. Agammemnon
3. Odysseus

## A: ODYSSEUS

A: ORESTES
A: TELEMACHUS
4. Achilles
(more specifically: the son who slew Priam) A: PYRRHUS

## 5. Hector <br> A: ASTYNAX

3: 30-20-10 Name this 20th century American soldier

1. His father was a voice on the radio show "Gang Busters" and his mother was an alcoholic.
2. He was a impressive football player at West Point and served in

Vietnam as a battalion commander.
3. He was theater commander during Operation Desert Storm.

A: Norman SCHWARTZKOPF
4: ( 30 pts ) For 5 points each, name the following capitals of Africa, given the countries.
a) Tanzania

A: Dar es Salaam
b) Comoros

A: Moroni
c) Rwanda
d) Cape Verde Islands

A: Kigali
e) Central African Republic

A: Praia
f) Burundi

A: Bujumbura
5: (30 pts) For 5 points each, give the names of these composers of the following works or clues.
a) Egmont Overture A: BEETHOVEN
b) Academic Festival Overture

A: BRAHMS
c) the opera, "Bluebeard's Castle"

A: BARTOK
d) Polovetsian Dances A: BORODIN
e) The L'Arlesienne Suites A: BIZET
f) excluding Borodin, the other "B" composer who was a member of the Russian "Five".

A: BALAKIREV
6: 30-20-10 Name the author from his characters.

1. Chavez, Bill Shaw, Dan Murry
2. Mr. Clark
3. Jack Ryan

A: Tom CLANCY

7: (20 pts) Given the unit classification name the beret color authorized for wear by U.S. soldiers in those units.

1. Special Forces
2. U.N. Peace-Keepers
3. Airborne
4. Airborne Rangers

A: GREEN
A: Light BLUE
A: MAROON
A: BLACK

8: 30-20-10 Name the geologic period from the clues provided.

1. It is characterized by desert and evaporite deposits.

Continental red beds are also common deposits from this period. Reptiles were the dominant land-dwelling life form.
2. The formation of Pangaea was completed by this period. At its end, the largest known extinction occured.
3. The terminal period of the Paleozoic era, it is named for a basin in western Russia.

A: the PERMIAN period
9: ( 30 pts ) Most of you by now are probably familiar with all the cabinet members of the Clinton administration. But, for five points each, given the cabinet post, name the person who held that post during the Bush administration. Be careful! Some of the cabinet posts were held by more than one person
a. The two Secretaries of Education ( 10 points )

A: Lauro F. CAVAZOS and Lamar ALEXANDER
b. Defense

Richard CHENEY
c. Health and Human Services Louis SULLIVAN
d. Energy James WATKINS
e. Housing and Urban Development Jack KEMP

10: ( 30 pts ) Given the operatic work, name the composer for 5 points each
a. The Force of Destiny
b. Lucia di Lammermoor
c. Manon Lescaut
d. Cunning Little Vixen
e. The Merry Widow
f. Queen of Spades

A: VERDI
A: DONIZETTI
A: PUCCINI
A: JANACEK
A: LAHAR
A: TCHAIKOVSKI

11: ( 30 pts ) Are you a royalty whiz? If so, this bonus is just for you!
Given the clue, name the historic ruler(s), 10 pts per part.
a. The Roman Emperor who divided the Empire into eastern and western halves in 293A.D.
A: DIOCLETIAN
b. The German ruler who ascended the throne in 1152 and died in 1190 during the Third Crusade
A: Frederick BARBAROSSA
c. The two English rulers whose battled at the Bosworth Fields in 1485 , ending the War of the Roses

A: RICHARD III and HENRY VII
(* Must have both rulers to receive 10 points)

12: ( 30 pts ) Given the book, name the American author for 5 points each
a. White Man, Listen!
b. The Awakening
c. Jennie Gerhardt
d. Wise Blood
e. Alexander's Bridge
f. The Web and the Rock

Richard WRIGHT
Kate CHOPIN
Theodore DREISER
Flannery O'CONNOR
Willa CATHER
Thomas WOLFE

13: ( 30 pts ) History is never complete without assassinations. For example, Mexico's leading reformer in the ruling party Jose Francisco Ruiz Massieu was gunned down a month ago with the gunmen possibly linked to a drug cartel. So, for ten points each, given the clue, name the victim.
a. Former prime minister of India who was killed in 1991 when a bomb exploded during an election rally.

> A: RAJIV GANDHI
b. Political opposition leader of Philippines who was shot at Manila International Airport upon his return from exile in 1983.

A: Benigno AQUINO, Jr.
c. NAACP's Mississippi field secretary who was killed outside of his house in Jackson, Miss in 1963.

A: Medgar W. EVERS
14: ( 30 pts ) Given the painting(s), name the artist for 5 points each plus an extra 5 for all correct.
a. The Oath of Horatii Jacques-Louis David
b. The Embarkation for Cythera Antoine Watteau
c. Fields in the Month of June
d. The Sowers
e. Blindman's Bluff

Jean Francois Millet Jean Honore Fragonard

15: (30 pts) When she had a son by Zeus, Hera changed her into a bear. When her son son nearly shot her, Zeus changed both of them into constellations, Ursa Major and Ursa Minor. For 15 points each, name the two mythogical figures, mother and son.

## A: CALLISTO, ARCAS

16: ( 30 pts ) For 5 points each, name the six out of the seven parts to Remembrance of Things Past by Marcel Proust
A: SWANN'S WAY, WITHIN A BUDDING GROVE, THE GUERMANTES WAY, CITIES OF THE PLAIN, THE CAPTIVE, THE SWEET CHEAT GONE, THE PAST RECAPTURED

17: ( 30 pts ) Given the following world acronyms, give the names for which they stand for five pts. each

| 1. EFTA | A: European Free Trade Association |
| :--- | :---: |
| 2. ANZUS | A: Australia/New Zealand/United States Council |
| 3. GATT | A: General Agreement on Tariffs and Trade |
| 4 ASEAN | A: Association of Southeast Asian Nations |

## 5. FAO A: Food and Agriculture Organization <br> 6. WHO <br> A: World Health Organization

18: ( 30 pts ) Four different categories will be given to you one at a time, and after each category is chosen, the captain must pick a person from his/her team to answer the question in that specified category. That chosen person will be the only person who can answer the question, and can receive no help from teammates in answering the question. Once a person has been chosen once to answer, that person can answer NO MORE QUESTIONS AND CAN HELP IN NO WAY TO OTHER TEAM MEMBERS. This will continue until each team member has answered a question in a different category. 5 pts. for 1 correct, 10 pts. for 2,20 pts. for 3 , and 30 pts. for all 4 answered correctly.

## Category 1: Art

Question: Who painted the "Burning of the Houses of Parliament"?
A: J.M.W. TURNER

Category 2: Science
Question: What is the name given to the pyrimidine that pairs with Guanine in DNA.

A: CYTOSINE
Category 3: Social Science
Question: Who was Chief Justice of the Supreme Court when the Roe v. Wade decision was made?

## A: Warren BURGER

Category 4: Literature
Question: What Pulitzer Prize winning author wrote Guard of Honor?
A: James Gould COZZENS
19: ( 30 pts ) Name the only two universities to win a share of the National Championship in college football while on probation from the NCAA. 15 points each if named from the start, 10 points if you need a year, 5 points if you need a final clue.
a) Year: 1957 Clue: plays at Jordan-Hare Stadium, fight song - "War Eagle" A: AUBURN
b) Year: 1974 Clue: "Boomer Sooner"

A: OKLAHOMA
20: Given that height $=4 \mathrm{~mm}$ and radius $=3 \mathrm{~mm}$, try to recall some of that ninth grade geometry knowledge and give the volumes of the following
figures in the simplest terms (you must express answers in terms of pi): (READER NOTE: Give a full 5 seconds per part)

1. a cylinder
2. a sphere
3. a cone
4. a truncated cone (missing its point) cut 1 mm from the top

| A: $1 . V=$ pi $r$-squared ${ }^{*} h$ | $=36$ pi mm cubed |
| ---: | :--- |
| 2. $V=4 / 3$ pir-cubed | $=36 \mathrm{pi} \mathrm{mm}$ cubed |
| 3. $V=1 / 3$ pi $r$-squared ${ }^{*} h$ | $=12 \mathrm{pi} \mathrm{mm}$ cubed |

4. $V=1 / 3 \mathrm{pi} \mathrm{r}$-squared * $(\mathrm{h} 1-\mathrm{h} 2)=9 \mathrm{pi} \mathrm{mm}$ cubed

21: For each work given, name the French artist (5 pts.) and the style of
the painting (5 pts.)
a) A Bar at the Folies-Bergeres

A: Edward Manet, impressionism
b) Sunday Afternoon on the Island of La Grande Jatte

A: Georges Seurat, neo-impressionism (pointillism or divisionism also acceptable)
c) The Vision After the Sermon (Jacob Wrestling With the Angel)

A: Paul Gauguin, symbolism
22: Place the following human ancestors in proper chronological order from earliest to most recent. ( 5 for each in the right place, 5 pt. bonus for all in the correct order)

1. Australopithicus africanus
2. Homo sapiens neanderthalis
3. Australopithecus robustus
4. Ramapithicus

A: Ramapithecus, africanus, robustus, neanderthal
23: Given the follwing "ologies", name the subject to which they are devoted: (five points each)

1. adenology
2. apiology
3. hippology
4. oology
5. trichology

1 -glands 2 -bees 3 -horses 4 -eggs 5 -hair
24: Peter Mayle, a British journalist, has published two accounts of his family's move to the french countryside and has recently branched out and published a novel.

For five points each, name the two autobiographical works which have been serialized by the BBC and shown on A\&E.

For an additional fifteen points, name his recent novel which concerns a British tourist in France whose title alludes to a "pension" named after a traditional french drink.

A: A Year in Provence, Toujours Provence; Hotel Pastis
25: Given the foreign phrase, give the translation for 5 points each
a. (FR)"C'est la guerre"

That's War (It cannot be helped)
b. (L)"Justitia Omnibus" Justice for All
c. (L) "Verbatim ac litteratim" Word for word and letter for letter
d. (FR)"peu =E0 peu" Little by Little

26: Given the name of the lead ship of a class, give its classification (e.g. Guided Missile Frigate or FFG, Destroyer or DD, Guided Missile Cruiser (Nuclear) or CGN) for five points apiece or thirty for all five.
a. U.S.S Ticonderoga
A: CG
b. U.S.S California
A: CGN
c. U.S.S Spruance

A: DD
d. U.S.S Arleigh Burke

A: DDG
e. H.M.S. Broadsword (Type 22/1) A: FF

