

8/24/95

DUKE 2 INDIVIDUAL QUESTIONS
1994 UNC INVITATIONAL

1. This man was one of the first Soviet specialists within the State Department. While stationed in Moscow in 1947, he sent a seven thousand word cable, appropriately named the "Long Telegram", in which he became the first to warn of Soviet postwar intentions. He was later asked to repeat his opinions in article for Foreign Affairs magazine, which he entitled "The Sources of Soviet Conduct". Although the article was published under the pseudonym of X, most of Washington knew he had written it by the next day. FTP, name this man, the author of the U.S. policy of containment towards the Soviet Union.

ANS: George KENNAN

2. Born in 1304 of a family of Florentine exiles, this author spent much of his youth at the papal court in Avignon. While it is debated whether or not he was the first Italian humanist, he was definitely the first to combine the critical scholarship and moral sensitivity that defined Renaissance thought. His first work was editing Livy's history of the Roman Empire. His planned masterwork, While the Africa, an epic poem on the life of Roman general Scipio Africanus, was supposed to be his masterpiece, he is better known today for his De Viris Illustribus, a collection of biographies of figures from the Roman Empire. FTP, identify this author of "On His Own Ignorance"

ANS: Francisco PETRARCA, or PETRARCH

3. It has been said that it was created to "keep the Soviets out, the Americans in, and the Germans down." It was ratified by the U.S. on July 23, 1949, and represented the U.S.'s first peacetime alliance. Its headquarters was located in Paris until 1963, when it was moved to Brussels. FTP, identify this defense pact.

ANS: North Atlantic Treaty Organization, or NATO

4. A follower of Masaccio, he was a friar in the monastery of San Marco in Italy in the early to mid 15th century. He was devoted to painting purely for the holiness of it, and he always kept his works in the monastery in which he lived. His pious nature is reflected in his paintings such as DESCENT FROM THE CROSS in 1434. FTP, name this early Renaissance artist who painted the ANNUNCIATION.

ANS: Fra ANGELICO

5. It's not the Red Sea or the Bab-el-Mandeb, but it also separates the Middle East from Africa. It's not the Suez Canal, but you would travel through it to get to the Red Sea. FTP, name this gulf which lies between the Indian Ocean and the Red Sea, adjacent to Djibouti, Yemen, and Somalia.

ANS: Gulf of ADEN

6. It is a normal inhabitant of the digestive tracts of warm-blooded animals. It is plentiful and easy to find almost anywhere. It is easily detected, generally harmless, and very hardy, surviving in extreme conditions longer than most pathogens. All of these criteria make this bacteria the indicator of choice in water treatment. FTP, name this abundant bacteria, sometimes even found to live on silver.

ANS: E. COLI or COLIFORMS

7. Born in 1886, this Irishman moved to America and became a priest. While in Nebraska, he pursued several social service endeavors as a parish priest, but ultimately his heart lay with helping homeless and delinquent boys. FTP, name this Catholic priest who founded Boys Town in Omaha, Nebraska.

ANS: Father Edward Joseph FLANAGAN

8. The utricle, round window, saccule, concha, organ of Corti, stapes, malleus, cochlea, and tympanic membrane, are all, FTP, parts of what vital organ?

ANS: the EAR

9. Everybody knows that you can't fit planar hexagons together and get anything but a nice floor covering. However, if you've ever seen a soccer ball, you'll know that by wrapping five hexagons around a pentagon with the same side, you'll get a nice concave structure that can be expanded into an almost-sphere. If you haven't gotten this by then replace the hexagon with benzene rings. What pure form of carbon do you now have?

ANS: a BUCKYBALL or BUCKMINSTERFULLERENE

10. FTP, give the better known name of Nguyen That Thanh, who has a famous trail, and now a capital city named after him.

ANS: HO CHI MINH

11. Travelling north, you would first pass under the Bridge of the Americas, then you would arrive at Miraflores, traverse Miraflores Lake, and travel through Pedro Miguel into Gaillard Cut. Soon you would sail across the continental divide, and after a few hours, into Gatun Lake. The last locks you head through are Gatun Locks, then into Limon Bay, past Colon, and into the Atlantic. What, FTP, have you just been through?

ANS: the PANAMA CANAL

12. He wrote a book "in imitation of the manner of Cervantes" entitled JOSEPH ANDREWS, he edited the weekly THE JACOBITE'S JOURNAL, and he served as a magistrate in London, fulfilling his life's dream. But you know him better for some of his earlier novels, such as THE LIFE OF MR. JOHNATHAN WILD THE GREAT, VIRTUE REWARDED, better known as PAMELA, and TOM JONES. FTP, Name him.

ANS: Henry FIELDING

13. Born in 1833, this composer developed his own rhythmic originality and emotional intensity, although he was influenced by Beethoven and the Romantic movement. His major works include four symphonies, two piano concertos, chamber works, and choral works, among them TRAGIC OVERTURE and HAYDN VARIATIONS. FTP name this composed who lived in Vienna beginning in 1863 and who also composed ALTO RHAPSODY.

ANS: Johannes BRAHMS

14. Popeye Doyle sets out to capture French drug dealers who have come to America, yet this factual movie is interesting in that the bad guys actually get away. Directed by Oscar-winner William Friedkin, this movie features one of the most famous car chases in cinematic history, with Popeye Doyle chasing a subway train in his car. FTP name this 1971 Best

Picture starring Gene Hackman as Popeye Doyle.

ANS: THE FRENCH CONNECTION

15. Born in 1819, this artist was influenced by the Dutch genre painters of the 17th century. He emphasized everyday life and landscapes in his work as a reaction to the Classical and Romantic schools. This painter developed the "Realist" style in such works as THE BURIAL OF ORNANS (1849) and THE STUDIO (1855). FTP name this French artist.

ANS: Gustave COURBET

16. Born in 1900 and only living 58 years, this Austrian-born physicist showed that no two fermions have the same four quantum numbers. In terms of an atom, this means that at most two electrons may occupy the same orbital, both having opposite spin. FTP name this winner of the 1945 Nobel Prize for physics for his principle.

ANS: Wolfgang PAULI

17. This Mexican statesman led the liberals to victory in the War of the Reform (1858-1861). He served as president for thirteen years and oversaw the transfer of political power from the creoles to the mestizos. He may be best known, however, for helping overthrow Santa Ana's dictatorship in 1855. FTP name this man.

ANS: Benito JUAREZ

18. His biggest playing victory over Army in 1913, was credited in part to the unusual tactic of using the forward pass. He established his school's football tradition with a 105-12-5 record between 1918-1931. His term there was ended when he was killed in a plane crash. FTP name this Norwegian-born coach of Notre Dame.

ANS: Knute ROCKNE

19. This arid area covers much of its country's North Central region. It is completely barren, with borax lakes and saline deposits, and for was a chief source of the world's nitrates. FTP name this Chilean desert.

ANS: ATACAMA DESERT

20. The action of this play is meant to be fantastical, which perhaps explains some of its factual discrepancies, like landlocked Bohemia being given a seacoast. FTP Name this play containing the unlikely stage direction, "Exit stage pursued by a bear."

ANS: A WINTER'S TALE

21. This book, Dorothy Allison's first, was a National Book Award finalist in 1992 and is now being made into a TV movie for Showtime, directed by Allison Anders. This book has won much critical acclaim for its portrayal of hard scrabble life in Greenville County, SC as seen through the eyes of Ruth Anne Boatright. FTP name this book written by a lesbian author.

ANS: BASTARD OUT OF CAROLINA

DUKE 2 TEAM QUESTIONS

1. In a lake or pond system, warmer water rises near the surface while cooler, denser water remains at the bottom. In the summer, due to warming of the water on the bottom layer, water is said to segregate into three different layers according to temperature with the warm layer on top, the cold layer on the bottom, and the medium layer in the middle. For five points apiece, name these three regions respectively.

ANS: EPILIMNION, METALIMNION, HYPOLIMNION

Now for ten points, in the metalimnion, there is a level of water at which the temperature decreases sharply. What is the name of this inflection point?

ANS: THERMOCLINE

2. For five points apiece, name the state in which these American Civil War battles took place.

Shiloh ANS: TENNESSEE

Antietam ANS: MARYLAND

Vicksburg ANS: MISSISSIPPI

Pea Ridge ANS: ARKANSAS

Wilderness Campaign ANS: VIRGINIA

Sabine Cross Roads ANS: LOUISIANA

3. 30-20-10 Identify the American author given some works.

(30) EXTERMINATOR, THE SOFT MACHINE

(20) THE TICKET THAT EXPLODED, CITY OF THE RED NIGHT

(10) NAKED LUNCH

ANS: William BURROUGHS

4. You are drawing cards from a standard deck of 52 playing cards. These are probability questions, so leave your answers in fractional form [GIVE 10 SECONDS FOR EACH ANSWER]. For five points, what is the chance of drawing an ace on your first draw?

ANS: $4/52$ or $1/13$

For ten points, what is the chance of drawing a king on both the first and second draws?

ANS: $1/221$ or $12/2652$

For ten more points, what is the chance of drawing a 6 or an 8 in two draws?

ANS: $14/663$ or $56/2652$

5. Okay, forget the stupid intro, just swallow this whole. Given the minor African country, name its capital.

Mozambique ANS: MAPUTO

Senegal ANS: DAKAR

Chad ANS: N'DJAMENA

Madagascar ANS: ANTANANARIVO

Namibia ANS: WINDHOEK

Mauritania ANS: NOUAKCHOTT

6. For each of the three authors, given works, name the author for ten points apiece. If you are incorrect, you may try again on each one for five points given easier clues.

(10) AMERIKA, THE JUDGEMENT, PENAL COLONY

(5) THE CASTLE, THE TRIAL

ANS: Franz KAFKA

(10) THE WELL-BELOVED, A PAIR OF BLUE EYES, THE HAND OF ETHELBERTA

(5) TWO ON A TOWER, THE MAYOR OF CASTERBRIDGE

ANS: Thomas HARDY

(10) THE REBEL, CALIGULA

(5) THE FALL, THE PLAGUE, THE MYTH OF SISYPHUS

ANS: Albert CAMUS

7. If any of you are so upset with Bill Clinton that you think you might assassinate him, then Presidential succession is something you might need to study. Obviously, the Vice-President is next in line after the President, but for five points apiece, give the next six positions in order of succession after the Vice-President. (Note: we want positions, not names.) The bonus will terminate upon missing a position.

ANS: SPEAKER of the House, President PRO TEMPOre of the Senate, SECRETARY OF STATE, SECRETARY OF THE TREASURY, SECRETARY OF DEFENSE, ATTORNEY GENERAL

8. 30-20-10. Name the European monarch, given his biography in reverse order.

(30) He was killed in 1718 at the age of 36, when he led his country in an invasion of Norway. This was after having spent four years instituting administrative and financial reform in his homeland.

(20) In his younger years he dethroned Augustus II of Poland, replacing him with a more cooperative king. He invaded Russia (with the Swedish army) in 1707, and was summarily defeated.

(10) His shining moments for which he is famous came at the not-quite ripe age of twelve. His father died, and placed on the throne, he seemed a vulnerable target to Russia, Denmark, and Saxony. Little did they know he would turn out to be a military genius. FTP, name this Swedish king, victor of the Great Northern War.

ANS: Charles XII

9. It is stated as follows: "Let set S be the set of all sets. Let $P(S)$, called the power set of S , be the set of all subsets of S . $P(S)$ is larger than S , because a power set is always larger than the original set; yet, because S contains all sets, S is larger than $P(S)$." Name this paradox, which demonstrates the dangers of careless set formation.

ANS: Cantor's Paradox

10. Given a list of languages, tell me the ancient language family to which they belong.

5 pts. a) Yiddish, Afrikaans, Serbo-Croatian, Gothic, and Portuguese.

ANS: Indo-European

10 pts. b) Mossi, Twi, Swahili, Yoruba, and Ibo.

ANS: BANTU

15 pts. c) Hausa, Berber, Arabic, and Coptic.

ANS: Hamito-SEMITIC

11. 30-20-10-5. Give the common term.

a) A loose scarf for women, originating in medieval times.

b) A bird of the family Rallidae, similar to but smaller than crane with long toes, suitable for standing on squishy mud.

c) To scold, revile, or nag, in harsh language.

d) A guide to facilitate passage on stairs or in other high or dangerous areas.

ANS: RAIL

12. Alright, alright, another constellation bonus. For five points each give me the common name of six constellations from this list: Shield, Fly, Keel, Herdsman, Flying Fish, Eagle, Whale, Raven, Table, and Unicorn.

1) Bootes

ANS: HERDSMAN

- | | |
|--------------|------------------|
| 2) Monoceros | ANS: UNICORN |
| 3) Mensa | ANS: TABLE |
| 4) Carina | ANS: KEEL |
| 5) Aquila | ANS: EAGLE |
| 6) Volans | ANS: FLYING FISH |

13. Identify this author from his works: 30-20-10.

- (30) "Landor's Cottage", "The Oval Portrait", "The Philosophy of Furniture"
 (20) "Hop-Frog, or, The Eight Chained Ourang-Outangs", "The Imp of the Perverse"
 (10) "Ligeia", "The Cask of Amontillado", "The Fall of the House of Usher"
 ANS: Edgar Allen POE

14. These institutions were included in Peterson's Guides' 1992 list of the nation's most expensive colleges and universities. Given the town in which the schools are located, name the school FFP each.

- | | |
|---------------------|------------------------|
| Bronxville, NY | SARAH LAWRENCE COLLEGE |
| Waltham, MA | BRANDEIS UNIVERSITY |
| Medford, MA | TUFTS UNIVERSITY |
| New Orleans, LA | TULANE UNIVERSITY |
| Annandale-on-Hudson | BARD COLLEGE |

15. Given the 1970s Academy Award-winning director, name the film for which he won FFP each.

- | | |
|------------------|---------------------------------|
| Bob Fosse | CABARET |
| John G. Avildser | ROCKY |
| Woody Allen | ANNIE HALL |
| Michael Cimino | THE DEER HUNTER |
| Milos Forman | ONE FLEW OVER THE CUCKOO'S NEST |
| George Roy Hill | THE STING |

16. In the history of horseracing, eleven horses have won the elusive Triple Crown. Name any 5 of them.

(answers, in chronological order) Count Fleet, Sir Barton, Assault, Gallant Fox, Citation, Omaha, Secretariat, War Admiral, Seattle Slew, Whirl Away, Affirmed

17. Everyone recognizes the Stars and Stripes of the US and the Union Jack of BG, but not all country's flags are as well known. Name the following countries based on a description of their flag.

1) Horizontally, half the flag is yellow. The other half is divided again in half by a horizontal blue stripe, then a red one.

A: Colombia

2) This country's flag is very similar to that of the US except it has only 11 stripes and one white star on the blue corner.

A: Liberia

3) This country's flag is simply red with one gold star in the center.

A: Vietnam

18. Most of us take flowers for granted as sweet-smelling decorations, without considering their histories or meanings. Given a history and traditional significance, name the following flowers.

1) This flower is named for a Jesuit from Moravia who traveled to India, China, and Japan, where it is native. It signifies 'unpretending excellence.' It is also the state flower of Alabama.

A: Camellia

