

UNC-WILMINGTON INDIVIDUAL QUESTIONS  
1994 UNC INVITATIONAL

1. One common sociological theory of the 19th century was the idea of Social Darwinism, wherein social groups were subjected to the laws of natural selection. As an offshoot of Social Darwinism, this man described the need for advanced races to help raise the status of lesser developed people. FTP name this author of the poem "White Man's Burden" who is better known for his GUNGA DIN and JUNGLE BOOK.

ANS: Rudyard Kipling

2. The psychiatrist and neurologist who invented this test for diagnosing mental disorders received little attention during his lifetime. FTP name this Swiss psychological test which uses ink blots.

ANS: Rorschach

3. The US railroad industry needed it so badly for further construction that the price of land was artificially inflated. In fact, it was the single most expensive purchase, in terms of dollars per acre, in US history. FTP what was this territorial acquisition located in today's New Mexico and Arizona?

ANS: Gadsden Purchase

4. This band was one of the pioneers in the music style of Jazz Fusion, which combined traditional Jazz improvisation, instrumentation, and syncopation with contemporary pop music in their not so creatively titled albums. FTP What is this band that lead singer Peter Cetera left in the late 1980's for a solo career?

ANS: Chicago

5. Based on both Mendel's principles and on the mathematics of probability, it is a formula to determine the equilibrium of the proportion of dominant and recessive alleles under random mating. FTP, name the two discoverers of this formula which states that  $p^2 + 2pq + q^2 = 1$ .

ANS: Hardy Weinberg

6. Born in 1809, this author was the true founder of Russian romantic realism. His first work was 1831's EVENINGS ON A FARM NEAR DIKANKA, a collection of Ukranian stories. He continued using folk tales in his MIROGOROD and ARABESQUES, and is also known for his comedy THE INSPECTOR GENERAL. FTP name this author.

ANS: Nikolai Gogol

7. An elements reactivity is a measure of how strongly that element will attempt to accept or donate an electron in a chemical bond. The halogen Florine is the most reactive acceptor. What alkali metal, FTP is the most reactive donor?

ANS: Francium

8. One of the first problems students of Quantum Mechanics face is the particle in the box. The particle is "trapped" in an domain whose boundaries have a potential higher than the energy of the particle. Sometimes, however, a particle might pass through this potential wall into the neighboring box. FTP what is this phenomenon called?

ANS: tunneling

9. This former congressman served the longest term as Secretary of State - 11 years. He advocated maximum aid to American wartime allies and won the

18. This American author continued to study anthropology after graduating from Barnard College. This study took her to Haiti, the West Indies, and into the American South where she studied voodoo customs. She died unknown in Florida, but her work was later rediscovered by Alice Walker. Name FTP this author whose anthropological works include MULES AND MEN and whose best known novel is THEIR EYES ARE WATCHING GOD.

ANS: Zora Neale Hurston

19. We are all familiar with the fact that there are two alphabets in use by Slavic languages, the roman and the Cyrillic. In the traditional English used Roman alphabet there are only 26 letters available, but there are generally more Cyrillic characters than that. Yet there is always a one-to-one transliteration. One way of handling this is assigning consonantal combinations the value of letters. The other is to place certain marks above and around roman letters. FTP what are these marks called?

ANS: diacritical marks

20. It is this religion that gives us the word guru since God was considered to be their true guru. It was an odd, militaristic blend of two other prominent religions and appeared in the 16th century. FTP what is this religion which combined the two largest religions in India, Islam and Hinduism?

ANS: Sikhism

21. Mined for their abundant deposits of oil, iron ore, and copper, these mountains have their highest peak at Mount Narodnaya. Crossed by the Trans-Siberian Railway, the largest cities in the mountains are Magnitogorsk and Ekaterinburg. FAQTP, name these Russian mountains that separate Europe from Asia.

ANS: Ural Mountains

UNC-W TEAM QUESTIONS FOR 1994 UNC INVITATIONAL

1. (25) Under Teddy Roosevelt, the U.S. became increasingly more involved in international affairs and acquired additional territories. Roosevelt believed that a strong nation had a responsibility to impose civilization in its so-called "backward" holdings. For 25 points, name the 1900 and 1901 Supreme Court cases that ruled that inhabitants of these territories were not American citizens and therefore did not have a right to the rights guaranteed by the Constitution unless Congress specifically conferred them.

ANS: The Insular Cases

2. (30) The 1994 Academy Awards were supposed to be no brainers, including the category for best foreign film. For 15 pts apiece,

a. What film was heralded as the odds on favorite to win BFF?

ANS: Farewell My Concubine

b. What film pulled off the upset over Farewell My Concubine?

ANS: Belle Epoque

3. (30) Given the U.S. state, name the second most populous city for 5 points each.

Montana      Great Falls

Vermont      Rutland

Ohio      Cleveland

Wyoming      Casper

Maine      Lewiston

Iowa      Cedar Rapids

4. (30) Endocytosis is the term used to describe the process by which a cell takes in food. FTP each identify these terms associated with endocytosis.

a. From the Greek for "to eat" it describes the process by which the cell takes in solid particles.

ANS: PHAGOCYTOSIS

b. This term describes the process by which the cell takes in dissolved molecules. ANS: PINOCYTOSIS

c. This term describes the process by which a vacuole migrates towards the cell surface, fuses with the cell membrane and expels waste. ANS: EXOCYTOSIS

5. (30) In genetics, Ribonucleic Acid and Deoxyribonucleic Acid are effectively kissing cousins because they share three chemical bases. FTP apiece, what are those three bases ANS: guanine, cytosine, adenine

6. (30) Who's this literary character? 30-20-10

a. Unlike his midshipman, he did not fear the coming of a storm

b. His resting place is forty-four to Arbador and fifty fathoms deep

c. He is in a medieval Scottish sea ballad.

ANS: Sir Patrick Spence

7. (20) Betty Friedan led the mainstream women's movement in the late 50's and early 60's. After polling alumni from her alma mater, she discovered that many supposedly happy housewives were miserable. FTP each, name

Friedan's alma mater and the book which followed her research. ANS: Smith College, and the Feminine Mystique

8. (30) 30-20-10. Name this person.

30-She was a prominent character in Sir Walter Scott's ABBOTT, Swinburne's trilogy which includes CHASTELAND and BOTHWELL.

20-Her lovers included David Rizzio, Lord Darnley, and the Earl of Bothwell.

10-She was executed in 1587 and was the mother of James I of England.

ANS: Mary Queen of Scots

9. (30) 30-20-10. Name this 20th century French author from works.

30-Moderato Cantabile, The Square

20-Hiroshima Mon Amour, Sea Wall

10-The Lover

ANS: Marguarite Duras

10.(25) FTP, the French philosopher Auguste Comte thought that this social science was the pinnacle of the evolution of sciences progressing through astronomy, physics, chemistry, and biology.

ANS: Sociology

For five points apiece, what were the three periods of development for societies according to Comte?

ANS: theological, metaphysical, and positive

11. (30) Name the authors from these works beginning with M.

- a. The Madwoman of Chaillot - JEAN GIRADOUX
- b. Main Traveled Roads - HAMLIN GARLAND
- c. Mr. Britling Sees if Through - H.G. WELLS
- d. The Mind of Primitive Man - FRANZ BOAS
- e. Magnalia Christi Americana - COTTON MATHER
- f. The Mysterious Island - JULES VERNE

12. (25)) Andre Segovia is a Spanish virtuoso noted for transcribing some very important classical music for modern a modern instrument.

A. FTP, what instrument did Segovia transcribe music for?

ANS: guitar

B. For 15 points, what German classical composer's work did Segovia mainly transcribe?

ANS: Bach

13. (30) Of the endoderm, mesoderm, and ectoderm, name which layer gives rise to these organ systems for 5 points each:

- a. skeletal      mesoderm
- b. digestive      endoderm
- c. respiratory      endoderm
- d. reproductive      mesoderm
- e. nervous      ectoderm
- f. excretory      mesoderm

14.(30) Name the Egyptian diety for 10 points each that personified each of

these geographical areas surrounding the Nile.

- A. the desert      ANS: Seth, Set
- B. the Nile itself   ANS: Osiris
- C. the black silt banks   ANS: Isis

15. (30) In oceanography, the suffix -cline, -C-L-I-N-E, means are rapid change over depth. FTP apiece, what factors are referred to by the following terms that exhibit this phenomenon.

- A. Thermocline      ANS: Temperature
- B. Halocline        ANS: salinity
- C. Pycnocline       ANS: water density

16. (30) Since Central America is our neighbor to the South, I'm sure you won't have any problem naming the current leader of 3 Central American countries. Note: Central America is defined as mainland America below Mexico and above Colombia. Also give the president's name. If there is no president, then name the Prime Minister.

- ANS: Alfredo Cristiani      El Salvador  
Violetta Chamorro        Nicaragua  
Guillermo Gudara         Panama  
Georgo Cadle Price        Belize  
Rafael Leonardo Callejas   Honduras  
Ramiro de Leon Carpio     Guatemala  
Rafael Angel Calderon     Costa Rica

17. (30) James Buchanan didn't have an easy time during his first 6 months in office. Name these crises he faced for ten points apiece.

- a. a slave who resided in a free state for some time filed suit for his freedom.

ANS: Dred Scott Case

- b. This Kansas town saw clashes between antislavery legislation and a pro-slavery constitutional convention.

ANS: Lecompton

- c. European demand for a certain American agricultural product declined in 1857 and set in a huge panic. What was this agricultural product?

ANS: grain

18. (30) The Paleozoic Era began with the Cambrian Period, for five points each name the other 5 periods of the Paleozoic, plus an extra 5 for naming in the correct order, earliest to latest.

ANS: Ordovician, Silurian, Devonian, Carboniferous, Permian

19. (30) 30-20-10. Name the composer from his works.

30-Curlew River, Simple Symphony, Cantata Academia

20-The Prince of the Pagoda, Death in Venice, Let's Make an Opera, The Rape of Lucretia

10-The Turn of the Screw, Peter Grimes

ANS: BENJAMIN BRITTEN

20. (30) 30-20-10. Name the year in which the following happened:

30-"Point Counterpoint", "Lady Chatterley's Lover", Mussolini's autobiography were published; Ravel's "Bolero" first performed; women's

suffrage in Great Britain reduced from age 30 to 21.

20-First color TV and color motion pictures are demonstrated. Sonja Henie is the Olympic ice-skating champion, and Chiang Kai-Shek elected President of China.

10-Fleming discovers penicillin. Kellogg-Briand pact is signed by 65 states.

ANS: 1928

21. (30) Name these art techniques for 10 points each.

This oil painting technique requires loading the brush before applying to the canvas. 17th century painters such as Rembrandt and Velasquez used it but it is best seen in the works of Van Gogh.

Impasto

This painter's term refers to a layer of paint which was painted over but later reemerges as time goes by.

Pentimento

Literally meaning "light-dark", this term involves showing depth by contrasting areas of light and dark. This broke from the tradition of one-dimensional non-shaded painting, during the Renaissance.

Chiaroscuro