

1993 PRINCETON INVITATIONAL

Toss-Up Questions for Penn State-Terno

Written by: Alex Richman and Tim Snyder

1) This former treasurer of Pennsylvania was back in the news in early October when his widow filed a motion for a new trial, despite the fact that he shot himself during a press conference. FTP, name him.

Answer: Budd \_Dwyer\_

2) When I say "Reebok," I expect you think of athletic shoes, but for a quick ten points, what athletic animal is a "Reebok" or Roe-buck?

Answer: Antelope  
(Prompt if Deer is given)

3) The 1993 Philadelphia Phillies won the NL East after finishing last the previous year. FTP, what was the last National League team to do so?

Answer: Atlanta Braves (accept either or both)

4) The CIA recently released reports on Cold War topics, including one saying there was "no serious challenge" to this successor of Stalin, just three days before he was replaced by Leonid Brezhnev as head of the USSR. FTP, name him.

Answer: Georgy \_Malenkov\_

5) Chronicling the history of the Buendia [bwen-DEE-uh] family, this novel, often considered the greatest example of magical realism, was written by Gabriel Garcia Marquez. FTP, name it.

A: \_One Hundred Years of Solitude\_

6) Pencil and Paper ready? For a quick ten points, what is the area of the unit equilateral triangle?

A: square root of 3 divided by four or 0.433

7) One computer network, based at the University of Minnesota, connects users with publicly accessible files world-wide. FTP, name this network and its software which take their name from a small burrowing animal.

A: \_Gopher\_

8) Brasilia, the capital of Brazil, designed and built in the last 40 years, was based on the ideas of this French architect, whose "Ville Radieuse" and "Cite Industrielle" city plans for Paris were realized in South America. FTP, name him.

A: \_Le Corbusier\_

9) Topologically, one can turn a sphere inside-out by a series of smooth deformations, just as one can change a teacup into a donut. FTP, give the name of a set of such deformations.

A: \_Homotopy\_

10) Before becoming a major league baseball expansion team in 1993, the Colorado Rockies were a minor league team in Denver. However, the Colorado Rockies was also the name of, FTP, what current NHL franchise?

A: New Jersey Devils

11) Episode 9 is titled \_The Last Command\_. FTP, what is the popular name for



22) During John Adams' presidency, several American diplomats reported that their French counterparts would not negotiate without first being given a bribe. The scandal was given its name because the French diplomats names were not revealed. FTP, name this scandal.

A: \_XYZ Affair\_

23) A Tom Lehrer-singing lawyer, a deputy sherriff who dates twins, and a serial bather have all been elements of, FTP, which Emmy-winning drama taking place in Rome, Wisconsin?

A: \_Picket Fences\_

24) In the late 18th and early 19th centuries, Napoleon won many victories, as all of you know. But FTP, name the Southern city where he won his first, against anti-revolutionary forces.

A: \_Toulon\_

25) The PCA championship recently ended with the unprecedented obliteration of challenger Nigel Short 12.5 to 7.5. For a quick ten points, name the victor who is arguably the top chess player of all time.

A: Gary Kasparov

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Bonuses from **Penn State-Terno**

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1) (20) With two new expansion baseball teams in 1993, one may wonder about the history of expansion teams. For twenty points, all or nothing, name the team joining the National league since 1950 with the most wins in its first year.  
A: Colorado Rockies

2) (30-20-10) Name this mathematician

(30) The ninth \_\_\_\_\_ number,  $2^{(2^9)}+1$ , a 155 digit integer is the largest meaningfully factored number.

(20) What is perhaps most amazing about his work in Number Theory, is that he did most of it as a hobby while being a full time lawyer.

(10) His most famous theorem was proved by showing that a class of Elliptic Curves could not exist.

A: Pierre de Fermat

3) (30-20-10) Name this man.

(30) This 16th century German and his fanatic following were run out of Basel and barred from Innsbruck by angry doctors and apothecaries.

(20) He found cures for leprosy, gout, and dropsy; in his search for a panacea, he found and used tincture of opium for the first time.

(10) His was the first major challenge to the medical theory of humors of Hippocrates, Avicenna, and Galen of Pergamos in favor of experimental procedure.

A: Paracelsus

4) (30-20-10) Name the author from his works.

(30) Shame

(20) Midnight's Children

(10) Satanic Verses

A: Salman Rushdie

5) (30) Name the country's leader at the beginning of the 20th century, 15 pts for 4, and 5 more for each additional correct response for a maximum of 30 possible.

Russia

Tsar Nicholas II

England

Queen Victoria

Italy

King Vittorio Emmanuele III

Turkey

Sultan Abd-Al-Hamid

Austria-Hungary

Emporer Franz Josef

France

President Emile Loubet

Germany

Kaiser Wilhelm II

6) (25) I'm sure you're all excited about the World Cup Soccer championship coming to the United States in 1994, but do you know who, despite not even qualifying in 1990, and accusations of corruption in its professional league in 1993 will be the host of the World Cup in 1998?

A: France

7) (25) One of the longest winning streaks in Division 1 athletics was snapped this September at 66 games. For 25 points, all or nothing, name the school which has dominated Division 1 field hockey throughout the 1990s.

A: Old Dominion

8) (25) For five points each and a total of 25, given the country, name its

capital.

Honduras	Tegucigalpa
Paraguay	Aguncion
Slovenia	Ljubljana
Chad	N'jamena
Kazakhstan	Alma-Ata

9) (30) Of Tom Clancy's seven novels, only six contain Jack Ryan, if only in a cameo appearance. For 5 points apiece and a maximum of 30, place them chronologically from earliest to latest by when the main plot takes place.

- \_Without Remorse\_
- \_Patriot Games\_
- \_The Hunt for Red October\_
- \_Cardinal in the Kremlin\_
- \_Clear and Present Danger\_
- \_The Sum of All Fears\_

10) (25) This 19th century German developed the first satisfactory proofs of the Fundamental Theorems of Algebra and Arithmetic, developed the method of least-squares approximation and with it found the asteroid Ceres, and developed the ideas of geometries of curved space and non-Euclidean geometry.

A: Carl Friedrich \_Gauss\_

11) (30) For 10 points each name the main mountain range in:

Central France	Massif Central
Central China	Chen Ling
Central Italy	Apennines

12) (20) Many things have different names in the UK than in the USA, even a couple of elementary particles. Given the American names, FTP apiece, give the British equivalent.

Top	A: Truth
Bottom	A: Beauty

13) (20) "DO 3 I = 1.3" This command in a course-correction routine introduced an error which is believed to have sent what multi-million dollar satellite flying into empty space?

A: Mariner

14) (30) Most of the planets in this Solar system are named after Roman gods. For five points each and a maximum of 30, given the planet, name the Greek equivalent. Be careful, an incorrect answer ends the bonus.

Pluto	Hades
Neptune	Poseidon
Saturn	Chronos
Jupiter	Zeus
Mars	Ares
Mercury	Hermes

15) (30-20-10) Name this scientist

(30) This 1912 Nobel Prize winner was the only graduate student to receive the prize without a professor jointly winning.

(20) This French Chemist analyzed the formation of a particular set of organometallic compounds.

(10) These compounds, named for him, are extremely useful in altering the

functional groups of organic molecules.

A: Victor \_Grignard\_

16) (25) In this fiftieth anniversary year of \_Oklahoma\_. We're all familiar with Rodgers and Hammerstein, but how much do you know about their earlier shows and previous collaborators. Given the show, for 5 pts each name the two collaborators with a 5 point bonus for getting them all correct.

(Moderator's note: do not give answers until end.)

1. Pal Joey A: Richard \_Rogers\_ and Lorenz \_Hart\_

2. Showboat A: Oscar \_Hammerstein\_ III and Jerome \_Kern\_

17) (30) For ten points apiece, name the native American tribe from the following clues.

1. This Maine tribe bought Dragon Cement and later patented a scrubber for the plant.

A: Passamaquaddy

2. This New York tribe has claimed a Buffalo suburb as having been built on reservation land without Congressional approval of the sale of the land to the state.

A: Seneca

3. The oral history of this Pennsylvania tribe has become the basis of the Boy Scouts of America's honor society, the Order of the Arrow.

A: \_Lenni Lenape\_ or \_Delaware\_

18) (30) We all know that Sydney barely beat out Beijing for the Olympic Games of the year 2000. But FTP each, who finished

third? A: \_Manchester\_, England

fourth? A: \_Berlin\_, Germany

fifth? A: \_Istanbul\_, Turkey

19) (20) Unusual for its era, except in the far north and south, the cities of this ancient civilization were unwallled. For 20 points, all or nothing, name it.

A: Egypt

20) (25) Post-apocalyptic novels are nothing unusual, but for 25 points, name the author of \_Riddley Walker\_, notable for its views on post-apocalyptic mythology and language.

A: Russell \_Hoban\_

21) (25) We all know that Wellington defeated Napoleon at Waterloo, but for 25 points, name Napoleon's own cavalry officer who doomed him just as surely by not arriving on time.

A: \_Grouchy\_ (groo-she)

22) (30) Rivest, Shamir, and Adleman developed a code which is computationally infeasible to break, to the despair of the National Security Administration. For 30 points, all or nothing, name it.

A: \_RSA Public-Key Cryptosystem\_