

## Tossups by Patrick Friel, 1995 Questions on the Crum

1

There are two of them. The first states that the sums of outgoing and incoming currents at any junction in a circuit must be equal. The second states that the sum of the current-resistance products around any closed path in a circuit must equal the total electromotive force on it. FTP, identify these laws which get their name from the German physicist who derived them.

A: KIRCHHOFF's laws

2

This play is perhaps Shakespeare's most violent. Tamora's sons are killed and served to her in a pie, Lavinia is raped and mutilated, and the title character has his hand chopped off by Aaron. FTP, name this tale of revenge, Shakespeare's first tragedy, which is set in ancient Rome.

A: TITUS ANDRONICUS

3

He was a leader for national independence during the first half of the 20th century, and this kept him in exile until 1945. After the Japanese left he was president for 12 years and led his nation through a war, but was forced to leave office because of corruption in his administration. FTP name this first president of the Republic of Korea.

A: Syngman RHEE

4

He played his college ball at the University of Massachusetts, and then went on to play for the Virginia Squires and the New York Nets. He is, however, best associated with another team, with which he played from 1976 to 1988. FTP, name this basketball Hall-of-Famer who helped lead the Sixers to their 1983 championship.

A: Julius Winfield ERVING

5

The name's the same. The English name for a river flowing past Hanoi and known locally as the Yuan Chiang or the Hong; a river formed at the junction of the Bois de Sioux and Otter Trail rivers in Wahpeton, North Dakota which forms part of that state's border; and a river separating Oklahoma and Texas. FTP, give the shared colorful name.

A: RED River

6

This method of analysis was begun by F.J. Gall and its most famous proponent as George Combe. Although now it has little scientific backing, it did lead to a more enlightened approach to dealing with the mentally ill. FTP, name this study in which the shape and contours of the skull were supposed to correlate with intelligence and personality.

A: PHRENOLOGY

7

This Austrian was perhaps most influential as a philosopher, rejecting from science those concepts which could not be validated by experience, and this had its ramifications in the development of relativity theory and logical positivism. However, he was also a physicist who studied sound, and it is for this that he is now remembered. FTP, name this man whose name is used in the designation of supersonic speeds.

A: Ernst MACH

8

His plays are written in verse and usually have medieval or ancient settings, but they are all products of the 20th century and have modern themes. *A Sleep of Prisoners* and *The Dark Is Light Enough* are among his better known works and are essentially religious plays. FTP, name this British dramatist best known for *The Lady's Not For Burning*.

A: Christopher FRY

9

"There She Goes Again" by R.E.M., "Ride Into the Sun" by Luna, "White Light/White Heat" by David Bowie, and "Sweet Jane" by the Cowboy Junkies are all covers of songs originally done by this band of the late 60s. FTP name this group whose albums include *\_Loaded\_* and whose members have included Doug Yule, John Cale, and Lou Reed.

A: the VELVET UNDERGROUND

10

Spending on this government program increased tenfold during the last three administrations and now its \$20 billion dollars in yearly expenditures is almost as high as any other program for the poor. However, cases of fraud are now accounting for \$1 billion of that spending. FTP, name this program which uses the tax system to provide up to \$2528 yearly to the working poor, encouraging them to stay off welfare.

A: EARNED INCOME TAX CREDIT (prompt on EITC)

11

It was founded in 1984 by Luc Jouret, and it featured a combination of astrology, New Age spiritualism, and Christianity. It seems to have lasted only ten years, though. FTP, name this cult, many of whose members were found killed in Switzerland and Canada in October of 1994.

A: Order of the SOLAR TEMPLE

12

The 1908 work *Gaspard de la Nuit* is probably his best known piano piece, and his ballets include *La Valse* and *Daphnis and Chloe*. This French composer is, however, best remembered for orchestral works which combine delicacy and power. FTP, name the composer of *Rhapsodie Espagnole* and a certain piece which shares its name with a Bo Derek film.

A: Maurice Joseph RAVEL

13

This 17th-century religious movement was characterized by a wholly passive mysticism, so passive, in fact, that one was not to resist one's sinful urges. Not surprisingly, the movement was condemned by the pope, and by 1699 both the original Spanish movement and the less extreme French movement had collapsed. FTP name this movement begun by Miguel de Molinos.

A: QUIETISM

14

About half of this country's citizens are Tigrays and there are seven native languages spoken among the 3.2 million inhabitants. Crops include coffee and cotton and there is virtually no industry and little governmental organization as of yet. Cities include the ports of Masewa and Aseb and the capital, Asmera. FTP, name this new nation located in East Africa.

A: ERITREA

15

This Senator took a case regarding the closing of military bases to the Supreme Court last year, but the decision was unanimous against him. FTP, name this Judicial Committee member whose wife is a city councilperson in Philadelphia.

A: Arlen SPECTER

16

She made her film debut in the 1981 film *Prep School* when she was 16 years old and other films have included *Just One of the Guys*, *Wild at Heart*, and *Ruby*. She played the character intended for Kim Basinger in *Boxing Helena*, but she is probably best remembered for her role as Audrey Horne in *Twin Peaks*. FTP, name this Michigan-born sex symbol.

A: Sherilyn FENN

17

The last name's the same: an American poet, an American poet, and an American poet. One wrote *Vision of Sir Launfal* and was Harvard professor. One was an imagist who wrote *Sword Blades and Poppy Seed* and *Men, Women and Ghosts*. One wrote *The Mills of the Kavanagh's* and *Life Styles* as well as the dramatic trilogy *The Old Glory*. FTP, give the shared surname of James, Amy, and Robert.

A: LOWELL

18

As a mathematical object, it is a set which can locally be mapped topologically to a neighborhood in  $\mathbf{R}^k$ , with examples including a curve in the plane and a sphere in 3-space. As a common English word, it means numerous and varied. FTP, identify this 8-letter word.

A: MANIFOLD

19

This American social reformer was an advocate of woman suffrage, free love, and socialism. In 1872 she published the first English edition of the *Communist Manifesto*. Also in 1872 she ran for the presidency as the candidate for the Equal Rights Party. FTP name this first female presidential candidate.

A: Victoria Claflin WOODHULL

20

His schedule was said to be so regular that townspeople would set their watches according to his walk. He knew the town quite well, as he spent the entirety of his 82-year life within 60 km of Königsberg. He produced philosophical works quite regularly, but paused from 1770 to 1781, and then released his greatest work: the *Critique of Pure Reason*. FTP, name this philosophical great.

A: Immanuel KANT

21

This 19th-century American Quaker made his fortune in the wholesale grocery business, but then went on to make

his mark as a financier and philanthropist. His best known donation was one of \$7 million to create a hospital and a research university. FTP, name this businessman who shares his name with a Maryland college.

A: Johns HOPKINS

2 2

The six species of this animal can be found in Southeast Asia and Indonesia. Its motion is characterized by brachiation and leaps of up to 30 feet, and aside from humans it is the ape which most easily walks upright. FTP, name this animal, the smallest of the ape, which shares its name with an 18th-century British historian.

A: GIBBON

2 3

The Dutch artist Hercules Seghers was the first to use this process. In this etching technique the plate is repeatedly etched through a porous ground and areas are stopped out at each stage according to their intended lightness. The color washed effect gives it its watery name. FTP name this process used by Goya.

A: AQUATINT

2 4

According to legend they lived on the North Coast of Africa. By eating the fruit and leaves of a particular tree, they were drugged into happy forgetfulness. FTP, name these figures who were mentioned in the *Odyssey* and were the title characters of a well-known poem by Tennyson.

A: the LOTUS-EATERS

2 5

This Frenchman planned and presided over the European Coal and Steel Community and created a 1947 plan for French economic recovery in the post-War era which bears his name. He is, though, perhaps best known for his work in planning the Common Market. FTP, name this statesman considered the architect of a united Western Europe.

A: Jean MONNET