

1) He has served as chairman of the Carnegie Foundation, the Rand Corporation, and PBS. In May 2001, in a guest column in USA Today, he reflected on his remarks 40 years earlier to a conference of the National Association of Broadcasters, where he urged that TV serve the public interest and said that “when television is good, nothing – not the theatre, not the magazines or newspapers – nothing is better.” FTP name this former FCC Chairman best remembered for his prophetic warning that if you spent the whole day in front of a TV set, “you will observe a vast wasteland.”

Answer: Newton N. **Minow**

2) Weighing in at 43 tons and sporting an enormous 420mm cannon, it could fire a 2,200- pound shell over 9 miles. Two of these destroyed the fortified city of Liege in under three days at the beginning of World War I. FTP give the common name of this German Howitzer, officially called the Krupp Howitzer L/14.

Answer: **Big Bertha**

3) Introduction. The Shepherd. The Echoing Green. The Lamb. The Little Black Boy. The Blossom. The Chimney Sweeper. The Little Boy lost. The Little Boy found. Laughing Song. A Cradle Song. The Divine Image. Holy Thursday. Night. Spring. Nurse's Song. Infant Joy. A Dream. On Another's Sorrow. For 10 points, these are collected in what 1789 collection of poems by William Blake?

Answer: **Songs of Innocence** (accept Songs of Innocence and of Experience, because I'm a giving man; prompt on "William Blake" if they say it before you do)

4) A fisherman brought him to Polydectes, the king of Seriphus. He borrowed a shield from the goddess Minerva and winged shoes from Mercury to fight a frightful monster. Later he saved an Ethiopian princess from the fate of being devoured by a sea monster. FTP identify this son of Jove and Danae, slayer of Medusa, and savior of Andromeda.

Answer: **Perseus**

5) The founding members had all played with John Mayall's Bluesbreakers, and together they had their first #1 hit with the instrumental *Albatross* in 1968. Two years later, Peter Green and Jeremy Spencer left the band for religious reasons, and John McVie replaced them, to some extent, with his wife Christine. By 1975, they'd added Lindsey Buckingham and Stevie Nicks; with this personnel, they recorded 1977's *Rumours*, which stayed at #1 for 31 weeks. For 10 points, name this seminal band.

Answer: **Fleetwood Mac**

6) PENCIL AND PAPER READY [ALLOW 10 SECONDS FOR ANSWER]:

Torque on a current loop equals the number of wire turns times the current times the loop area times the magnetic field as long as magnetic field is parallel to the area of the loop. FTP, if a 10-Ampere current flowing through a  $1 \times 10^{-4}$ -square-meter current loop in a 2 Tesla magnetic field yields 1 Newton\*meter of torque, how many wire turns does it have?

Answer: **500.**

7) 1526, between Clement VII and Francis I of France against the Emperor Charles V. 1576, the Jesuits, Henry III, and Henry, duke of Guise against the Huguenots and for the defense of the Catholic Church. 1511, between Pope Julius II, Ferdinand of Aragon, Henry VII, Emperor Maximilian, the Swiss, and Venice to drive the French out of Italy. For 10 points, what name is given to each of these alliances?

Answer: the **Holy League**; accept Holy Alliance

8) In 1944, John von Neumann and Oskar Morgenstern published a revolutionary work in which they analyzed a set of problems in which two or more people or organizations pursue their own interests and in which no one of them can dictate the outcome. Ideas from this study include maximum strategies and dominant strategies, and the characteristic problem is the so-called prisoner's dilemma. FTP, identify this field of mathematics, logic, and economics that states in all conflict situations, there are decision-makers, rules, and payoffs.

Answer: **game theory**

9) In some ways, he was not unlike Ogden Nash; witness his "The Hippopotamus" from *The Bad Child's Book of Beasts*: "I shoot the hippopotamus / With bullets made of platinum, / Because if I use leaden ones / His hide is sure to flatten 'em." In other ways, he was much more serious; a devout Catholic, he and colleague GK Chesterton advocated a return to the guild system, turning away from crass materialistic capitalism. For 10 points, name this French author of such works as *Marie Antoinette*, *Richelieu*, *Danton*, and *Milton*.

Answer: Hilaire **Belloc**

10) The soft-stemmed *Laphophora williamsii* has pink or white flowers in summer and a blue-green stem, while *Laphophora diffusa* has white or yellow flowers. Both have high levels of several alkaloids, most notably mescaline. FTP name this cactus, used in religious rituals and as a source of a much-prized buzz.

Answer: **peyote**

11) A gifted speaker, he was a loyal member of the Tory party even while trying to reform it from within. He served as secretary of state for India before becoming Chancellor of the Exchequer in 1886, where his first budget proposed deep cuts in military spending and failed so badly he resigned. His greatest contribution was a result of his 1874 marriage to the American Jennie Jerome. FTP name this minor British statesman, whose failure served as a major motivation for his son Winston.

Answer: **Randolph Churchill**

12) Born in the slums of Hamburg, Germany on May 7, 1833, he would become one of the greatest composers of the romantic period. At the age of fourteen, he played in the first public performance of one of his piano compositions. Dedicated to the memory of his mother, his German Requiem originally met with hisses from the audience but was to become admired throughout Europe. For 10 points, name this composer who at 43 wrote his First Symphony and is best remembered for a short tune that might lull you to sleep.

Answer: Johannes **Brahms**

13) She emigrated to the US in 1941 and became a Guggenheim fellow, and in 1959 she became the first woman appointed to a full professorship at Princeton. Her first publication, *Origins of Totalitarianism*, established her as a political thinker, and she went on to write *The Human Condition*. FTP, name this German-American political theorist, also famous for her analysis of the Nazi war crimes in Eichmann in Jerusalem.

Answer: Hannah **Arendt**

14) Around 1911, he wrote "The apparition of these faces in the crowd; Petals on a wet, black bough," calling the poem "In a Station of the Metro." About 9 years later, he would invent a contemporary of limited ability, and say of him "He strove to resuscitate the dead art of poetry, to maintain the sublime in the old sense." This contemporary he called Hugh Selwyn Mauberley. For 10 points, name this American expatriate author of *The Pisan Cantos*.

Answer: Ezra **Pound**

15) Andre Debierne isn't a household name like Becquerel, Roentgen, or the Curies. But in 1899 he examined uranium ores and discovered a radioactive metallic element produced as a decay product of uranium. Its most stable isotope has atomic weight of 227 and a half-life of about 22 years. FTP name this element with atomic number 89, the first on the periodic table of a series that bears its name.

Answer: **actinium**

16) Developed as part of the Green Project headed by James Gosling, this computer language was created in December of 1990. It was originally called Oak, but its name was changed in 1993. One of the main hallmarks of this programming language is the fact that it can be run on virtually any type of computer. FTP, name this programming language whose name is not Just Another Vague Acronym.

Answer: **JAVA**

17) Born in Richland, Washington in 1951, he grew up in California, Arizona, and Utah. He lived in Brazil for two years as an unpaid missionary for the Mormon Church and received degrees from Brigham Young University in 1975 and the University of Utah in 1981. He was the first writer to receive both the Hugo and Nebula awards for best novel two years in a row. FTP identify this author of Ender's Game and Speaker for the Dead.

Answer: Orson Scott **Card**

18) It was first studied with an evacuated tube containing two electrodes connected to a source of variable voltage, with a metal plate whose surface was irradiated acting as the anode. The electromagnetic theory of light cannot explain it for three reasons. First, there is no time interval between the arrival of light at the metal surface and the emission of electrons. Second, a bright light yields more electrons than a dim one but electron energies remain the same. Third, the higher the frequency of the light, the more energy the emitted electrons have. At a frequency below a certain critical frequency characteristic of particular metals, no electrons are emitted. Above the critical frequency, electrons range in energy from zero to a maximum value that increases linearly with increasing frequency. FTP, identify this effect first explained by Albert Einstein in 1905.

Answer: **photoelectric effect**

19) He built a formidable political machine in New York known as the Albany Regency. Serving as Jackson's Secretary of State, he opposed Calhoun's doctrine of nullification and wound up taking Calhoun's former spot on the ticket in 1832. He embarked on the Seminole Wars and declined to intervene federally in the economic crisis of 1837. FTP name the eighth President of the U.S., nicknamed "the Red Fox of Kinderhook."

Answer: **Martin Van Buren**

20) Lucinda Matlock gathered many shells there. Rutherford McDowell took pictures of many of its residents. Perry Zoll was twice rejected for membership in its County Scientific Association. Seth Compton built up its library. Hamilton Greene represented it in Congress. Carl Hamblin published its newspaper, the Clarion. Daisy Fraser was a big contributor to the school fund. And Archibald Highbie hated it. For 10 points, these are but a few of the residents of what Illinois town, according to a 1915 published *Anthology* by Edgar Lee Masters.

Answer: **Spoon River**

21. It includes part of the Carpathian Mountains and the Pripet Marshes and borders the Gulf of Karaitinsk and the Sea of Azov. It was independent from 1648 to 1775 and unsuccessfully declared its independence after the Russian Revolution. Major cities include Donetsk, Dnepropetrovsk, and Kharkov. FTP name this former Soviet republic, now Europe's second largest nation, with its capital at Kiev.

Answer: **Ukraine**

22. He is associated with the ideal of the stile antico, a strict style of diatonic counterpoint that became a widely accepted method of teaching after his death. He is also often thought of as the savior of church music, thanks to his legendary 1576 *Missa Papae Marcelli*. For 10 points, name this 16th century Italian composer and master of the madrigal.

Answer: Giovanni Pierluigi da **Palestrina**