

Round 10 1999 Deep Bench CIS packet written by Wellesley
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1. "Colorless green ideas sleep furiously." With that sentence, Noam Chomsky demonstrated that this formal structure is not powerful enough to represent natural language. It is nonetheless important in theoretical computer science, along with its equally powerful counterpart, the pushdown automaton. FTP name this formalism often used for specifying the syntax of programming languages.

CONTEXT-FREE GRAMMAR (do not accept "formal grammar" or "context-free language")

2. 26. The Wimpole Street door with the letter-slot they used to exchange letters is on display at Wellesley College's Clapp Library. Her slipper is at the New York Public Library. He became acclaimed after his "The Ring and the Book". FTP, what is the shared last name of this famous poetic couple, whose love was celebrated in "Sonnets from the Portuguese"?

BROWNING, Elizabeth Barrett and Robert

3. Born in Paris in 1908, this French author, a graduate of the Sorbonne with a degree in philosophy, taught high school until her first novel was published in 1943. Some of her later books include All Said and Done (1974), and The Mandarins (1956). FTP, name this life-long companion of Sartre, whose most famous work was The Second Sex (1949).

SIMONE **DE BEAUVOIR**

4. Its name means "reading" or "recitation" in Arabic. The third Caliph, Othman, broke the tradition that the text had to be transmitted orally when the best reciters perished in battle. It contains 114 individually named chapters, and is written in the purest Arabic. FTP, what is this sacred book of Islam?

KORAN or **Qur'an**

5. This annual sporting event held in March is a race of more than 1100 miles from Anchorage to Nome. It was named for an old supply route to Alaska's interior gold mining regions. FTP, name the most famous dogsled race in the world.

IDITAROD Sled Dog Race

6. This national park was supposedly first discovered by Hernando de Soto in 1541. It was designated as a federal reservation in 1832, and, later, as a national park in 1921. Visited by many people who seek relief from illness, water from the park is pumped to a local arthritis hospital, as well as to bathhouses. FTP, name this park in the southern United States, whose springs remain at around 143 degrees Fahrenheit year-round.

HOT SPRINGS NATIONAL PARK

7. Her first album, "More Than a New Discovery", was released in 1966, when she was 19 years old. Though she went on to release 11 more albums, in which she combined elements from pop, folk, jazz, and soul music, she achieved fame mainly through other bands' covers of her songs, such as "And When I Die", "Wedding Bell Blues", and "Stoned Soul Picnic". FTP name this singer/songwriter who died of ovarian cancer in 1997.

Laura **NYRO** (pronounced "Nero")

8. The Crusaders and the authors of medieval romances erroneously gave this name to a Saracen idol or deity. He appeared in morality plays as a violent, turbulent person in long, flowing Eastern robes. This later led to his acceptance as a woman, and later still the name came to be applied to a shrewish, violently abusive virago. FTP, what is this name?

TERMAGANT (hard "g")

9. This scientist received an M.D. from Cornell in 1981 and spent time afterwards as a Peace Corps volunteer in Sierra Leone and Liberia. In 1992 she studied the effects of zero gravity on people and animals aboard the Endeavour. FTP, name this astronaut who was the first African-American woman to travel in space.

Mae **JEMISON**

10. After this Norse god's death, it was said he would only be released if the world wept for him. FTP, name this god of light and joy, who was the son of Odin and Frigga, the king and queen of the Gods.

BALDER

11. Groucho Marx said that time flies like an arrow, but this insect likes a banana. More data has been collected on the genetics of this "yellow-bellied honey lover" than any other animal, and its chromosomes, particularly the giant ones in the salivary glands of larvae are used in studies of heritable characteristics and gene action. FTP give the English name of this common insect, whose scientific name is *Drosophila melanogaster*.

Answer: The **FRUIT FLY** or **VINEGAR FLY** or **POMACE FLY**

12. Two answers required! Although the Mets are not World Series bound this year, FTP name the two current Yankees who are heading to the Series and were part of the Mets organization the last time the Mets were in the Series.

DARRYL **STRAWBERRY** and DAVID **CONE**

13. Typical characters in his stories include a man who beats and kills another man with a cucumber, and a man who had neither eyes nor ears, internal organs, nor anything else. His writings were largely allegories about Stalin's regime, and as a result he was arrested in 1941 for making "defeatist statements" and placed in a mental hospital, where he died. FTP give the pen name of this Russian satirist.

Daniil Ivanovich **KHARMS** (pronounced Daniel Ivanovich Harms)

14. These North American diving birds, of the Gaviidae family, are almost wholly aquatic, because their legs are placed so far back on their bodies that walking is awkward. FTP, name this species which has a Canadian coin named after it.

LOON or **GAVIA** or **GAVIA** stellata or **GAVIA** arctica or **GAVIA** immer or **GAVIA** adamsii

15. Out of its eight alleged instigators, four were hanged, one committed suicide, and the remaining three were eventually pardoned by Governor John P. Altgeld. It began when a bomb exploded after police attempted to disperse a crowd of 1500 people who gathered at a staged demonstration. FTP, name this event which occurred in Chicago on May 4, 1886, and was later used to discredit the labor movement.

Haymarket Square Riot

16. Past winners include Enrico Bombieri, Lars Ahlfors, Gerd Faltings, and Edward Witten, all of whom were under 40 at the time. Its face features the initials RTM and a portrait of Archimedes, with his name in Greek characters; the winner's name is engraved on the rim. Established by a Canadian professor in 1924, it was first awarded in 1936 and has been awarded every four years since 1950. FTP, name this medal which is awarded at every meeting of the International Congress of Mathematicians.

Answer: **Fields** Medal

17. "A New Departure in Flavorings." "Diana is Invited to Tea with Tragic Results." "Matthew Insists on Puffed Sleeves." and "Marilla Makes Up Her Mind." FTP, these chapter titles come from what classic children's book by

Lucy Maud Montgomery, set in the town of Avonlea, whose title character is a spunky, talkative, redheaded orphan.

ANNE OF GREEN GABLES

18. He began as a lawyer but took up painting in 1890 during an illness. A leader of fauvism (FOE-vism), he first achieved success when he began to use bold primary colors in his paintings. After the demise of fauvism, he continued to experiment with expressive abstraction, in sculpture, line drawings, and in his last years, paper cutouts and stencils. FTP name this French artist known for "The Blue Nude" and "Jazz".

Henri MATISSE

19. With a score by Harvey Schmidt and lyrics by Tom Jones, it began its run on May 3rd, 1960. In the mid 1990s, Jaston Williams and Joe Sears (of "Greater Tuna" fame) took this show on a wildly successful tour. FTP, name this longest running show in New York theatre history, which began as a one act and was later expanded into a full length musical after unexpected early success.

THE FANTASTICKS

20. Memorials to this disaster include a bronze plaque cast from a spare part of the future wreck honoring the vessel's postal workers, a fountain dedicated to the passengers and a huge statue commemorating the engineering staff in Southampton, England. In New York's South Street Seaport Museum there is a lighthouse memorial that once stood atop New York's Seamen Church Institute. Also, in Comber, Northern Ireland there is the Thomas Andrews, Jr. Memorial Hall, in memory of FTP, the designer of what ship, whose sinking led to the founding of the International Ice Patrol?

Royal Mail Steamer TITANIC

21. This Nazi was born in 1893 in Rosenheim, Bavaria, and first joined the National Socialist Party in 1922. After the Nazi ascension to power, he first became the Reichsminister for the air force, and later became the premier of Prussia, and was briefly the minister of the interior. FTP, name this second-most powerful Nazi leader, who devised the policy of terror bombing, and founded the Gestapo in 1933.

Hermann GORING (GERR-ing)

22. Frank Drummer, who tried to memorize the *Encyclopedia Britannica*; Sam Hookey, who was attacked by Brutus the Lion; Benjamin and Mrs. Benjamin Pantier, who hated each other, Reuben Pantier, who was loved by Emily Sparks; Knowlt Hoheimer, who stole Curl Trenary's pigs, avoided jail by running off to the war, and died at Missionary Ridge; and Lydia Puckett, whose rejection of Knowlt was the real reason he ran away to the war. All of these characters are buried on a hill, FTP, in what fictional county created by Edgar Lee Masters?

Spoon River (accept Spoon River Anthology) (prompt on Masters)

23. This African country's major industries include dairy products and mineral-water bottling. FTP, name this former French colony, located on the east coast and bordered by Somalia, Ethiopia, and Eritrea, which gained its independence in 1977.

DJIBOUTI

If you have heard the audio tossup, stop. If you have not, read #24.

24. He was born on March 21, 1685 to a family of musicians. Considered an old-fashioned composer in his own lifetime, his music was neglected for about 50 years after his death until Felix Mendelssohn began arranging performances of his work. FTP, who was this Baroque composer of such works as "Passion According to St. Matthew", "The Goldberg Variations", and "The Brandenburg Concertos"?

BACH, J(ohann) S(ebastian) {prompt on "Bach"}