

# Bring A Number 2 Pencil

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1. Which sorting algorithm is  $\Theta(n^2)$  in the worst case?
  - a. Quick sort
  - b. Heap sort
  - c. Merge sort
  - d. **Bubble sort**
  - e. Selection sort
2. Which game console had four built-in controller ports?
  - a. Super Nintendo
  - b. Sony PlayStation
  - c. **Nintendo 64**
  - d. Sony PlayStation 2
  - e. Microsoft Xbox
3. Which NASA spacecraft visited Mars?
  - a. Galileo
  - b. Cassini
  - c. Pioneer 10
  - d. **Pathfinder**
  - e. Viking 1
4. Which of the following is a Romance language?
  - a. English
  - b. **Latin**
  - c. Spanish
  - d. French
  - e. Italian
5. Which of these comic strip animals is a dog?
  - a. Heathcliff from *Heathcliff*
  - b. **Odie from *Garfield***
  - c. Snoopy from *Peanuts*
  - d. **Marmaduke from *Marmaduke***
  - e. Hobbes from *Calvin and Hobbes*
6. Who was the primary bassist for the Beatles?
  - a. George Martin
  - b. John Lennon
  - c. **Paul McCartney**
  - d. Eric Clapton
  - e. George Harrison

7. Which element is a halogen?
  - a. Neon
  - b. Helium
  - c. Nitrogen
  - d. Fluorine**
  - e. Chlorine**
  
8. Which baseball player has 500 home runs and 500 steals in his major league career?
  - a. Andre Dawson
  - b. Barry Bonds**
  - c. Rickey Henderson
  - d. Bobby Bonds
  - e. Willie Mays
  
9. Which science fiction novel features robot detective R. Daneel Olivaw?
  - a. *The Fountains of Paradise*
  - b. *Ender's Game*
  - c. *Dune*
  - d. *Starship Troopers*
  - e. *The Caves of Steel***
  
10. Who received the Presidential Medal of Freedom for inventing the TCP/IP protocol suite?
  - a. Vint Cerf**
  - b. Bill Gates
  - c. Al Gore
  - d. Bob Kahn**
  - e. Gordon Moore
  
11. What seemingly artificial last name actually belongs to a character on the TV show "Scrubs"?
  - a. Dudemeister**
  - b. Buffay
  - c. Mickhead**
  - d. Pewterschmidt
  - e. Nagheenanajar
  
12. Which NFL team has Bill Cowher head coached?
  - a. Atlanta Falcons
  - b. Pittsburgh Steelers**
  - c. San Diego Chargers
  - d. San Francisco 49ers
  - e. Washington Redskins
  
13. Which of these is the name of a retail edition of Windows Vista?

- a. Complete
  - b. Home Premium**
  - c. Lite
  - d. Mondo
  - e. Ultimate**
14. Which of these Grammy Award-winning albums was released by U2?
- a. *The Joshua Tree***
  - b. *Thriller*
  - c. *Rumours*
  - d. *How to Dismantle an Atomic Bomb***
  - e. *Graceland*
15. Who is “rescued” from the Castle Anthrax in *Monty Python and the Holy Grail*?
- a. Sir Robin
  - b. Sir Lancelot
  - c. Sir Galahad**
  - d. Sir Bedevere
  - e. King Arthur
16. What was a Microsoft code name for the original release of Windows XP?
- a. Blackcomb
  - b. Cairo
  - c. Rhapsody
  - d. Blue
  - e. Whistler**
17. Which of these is a Shakespeare play?
- a. *Tamburlaine the Great*
  - b. *Hamlet***
  - c. *The Tempest***
  - d. *As You Like It***
  - e. *The Duchess of Malfi*
18. Which nation is currently a member of the Organization of the Petroleum Exporting Countries?
- a. Kuwait**
  - b. United States
  - c. France
  - d. Saudi Arabia**
  - e. Venezuela**
19. Which subatomic particle has non-zero rest mass?
- a. Electron**
  - b. Photon
  - c. Up quark**

- d. **Proton**
  - e. **Higgs boson**
20. Which university's athletic team mascot is a bulldog?
- a. Carnegie Mellon
  - b. Penn State
  - c. **Georgia**
  - d. Stanford
  - e. **Mississippi State**
21. Who plays Keeper for the Gryffindor Quidditch team?
- a. **Ron Weasley**
  - b. Harry Potter
  - c. Katie Bell
  - d. **Oliver Wood**
  - e. Hermione Granger
22. Which movie starred Jack Nicholson?
- a. ***One Flew Over the Cuckoo's Nest***
  - b. *The Graduate*
  - c. *The League of Extraordinary Gentlemen*
  - d. ***The Shining***
  - e. ***As Good as It Gets***
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Steps to solve:

- 1) Answer each question. Each question may have multiple correct answers.
- 2) Convert each answer to a set of bits, reminiscent of how they appear as 1s and 0s on a fill-in-the-bubbles answer sheet: e.g. AB=11000, ADE=10011.
- 3) Translate these to letters; they spell out "SECOND CHAR THIRD ANSWERS".
- 4) Take the second character of the third correct answers (for those questions that do have at least three answers). This spells **ERASERS**.