

CPSC 203: Fall 2007 (Review for L02, L03)

1. Which of the following is one of the three parts of a floating point number?
 - a. Exponent
 - b. Mantissa
 - c. Sign bit
 - d. All of the above parts are needed to store a floating point number.
 - e. None of the above.
2. If you were *counting up by one* in binary what number would follow 1010 in the sequence?
 - a. 1001
 - b. 1010
 - c. 1011
 - d. 1100
 - e. None of the above

3. What is the result of the following logical AND operation?

T	F	T	F	T
F	T	T	T	F
?	?	?	?	?

- a. TTFTT
- b. FFTFF
- c. TTTTT
- d. FFFFF
- e. None of the above

4. What is the result of the following logical OR operation?

T	F	F	T	T
F	T	F	T	F
?	?	?	?	?

- a. TTFTT
- b. FFTFF
- c. FFFTF
- d. TFTFT
- e. None of the above

5. What is the decimal equivalent of the binary number 1001?
 - a. 2
 - b. 8
 - c. 9
 - d. 10
 - e. None of the above

6. What is the binary equivalent of the decimal number 7?
 - a. 2
 - b. 110
 - c. 111
 - d. 1000
 - e. None of the above

7. What is the binary equivalent of the decimal number 5.75?
 - a. 2
 - b. 5.11
 - c. 5.75
 - d. 101.1
 - e. 101.11

8. What is the decimal equivalent of the sign-magnitude number 0110?
 - a. -6
 - b. 6
 - c. -0110
 - d. 0110
 - e. None of the above

Please refer to the following database table for question 9 – 12. For each of the queries, query results will display the product number field. You are to determine what will be the query results for each of the queries below. The primary key for the table is the Product number field.

Product No	Game title	Year	Software developer	Price
0001	Pool of radiance	1980	SSI	2.50
0002	Silent Hill 3	2000	Konami	24.99
0003	MW2: Mercenaries	1991	Activision	8.00
0004	Wing Commander III: Heart of the Tiger	1991	Origin	9.99
0005	MW2: 31 st Century Combat	1990	Activision	7.99
0006	DDR Extreme 2	2005	Konami	33.00
0007	MW3	1990	Atari	12.50

9. Query: Software developer="Konami"
 - a. 0002
 - b. 0002, 0006
 - c. 0001, 0003, 0004, 0005, 0007
 - d. All records will be displayed
 - e. No records will be displayed

10. Query: Game title="MW2*"
 - a. 0003
 - b. 0003, 0005
 - c. 0003, 0005, 0006
 - d. All records will be displayed
 - e. No records will be displayed

11. Query: Year>1990
 - a. 0002, 0006
 - b. 0002, 0003, 0004, 0006
 - c. 0002, 0003, 0004, 0005, 0006
 - d. All records will be displayed
 - e. No records will be displayed

12. Query: Price > 0 AND < Price <= 7.99
 - a. 0001
 - b. 0001, 0005
 - c. 0001, 0003, 0005,
 - d. All records will be displayed
 - e. No records will be displayed

13. Which of the following is/are examples of early computational devices?
 - a. Abaci
 - b. Soroban
 - c. Seun poon
 - d. (a) & (b)
 - e. All of the above

14. During which time period was the first microprocessor produced by Intel?
 - a. 1960's
 - b. 1970's
 - c. 1980's
 - d. 1990's
 - e. The production of a microprocessor is theoretically possible but no one has found a way solve the recursive signal degradation problem inherent in gel pack technology.

15. Which of the following people was involved in the founding of Apple computers?
 - a. Bill Gates
 - b. James Tam
 - c. Steve Wozniac
 - d. Benjamin Cisco
 - e. All of the above

16. Which of the following is mandatory in order to set up a network connection between two computers?
- A NIC for each computer (or at least the equivalent built into the motherboard).
 - Hub
 - Switch
 - (a) & (b)
 - All of the above
17. Which of the following is/are examples of narrowband Internet connections?
- Dialup
 - Cable
 - ADSL/DSL
 - All of the above
 - None of the above
18. If you were using Google as your search engine which of the following could you use in order to retrieve results only from a specific url?
- '~'
 - '..'
 - 'site'
 - All of the above
 - None of the above
19. Which of the following correctly ranks bandwidth from *fastest to slowest*?
- Phone dial up, satellite, DSL.
 - DSL, phone dial up, satellite
 - DSL, satellite, phone dial up
 - Satellite, DSL, phone dial up
 - Satellite, phone dial up, DSL,
20. In terms of computer security which of the following statements is/are true?
- If you are using Internet Explorer for a browser, then you are more likely to have problems with web security because it has the largest user base.
 - If you are using Internet Explorer for a browser, then you are more likely to have problems with web security because it has been proven to have more inherent security flaws than other browser because of how it was designed.
 - If you are using Firefox for a browser, then you don't have to worry about web security because it's been proven to be 100% secure.
 - (a) & (b)
 - All of the above

21. A _____ is an example of malware that can automatically spread itself.
- a. Macro virus
 - b. Spyware
 - c. Trojan
 - d. Virus
 - e. Worm



JT: *Good luck with real exam!*