قائمة الاسئلة
اختبار النهائي للعام الجامعي 2024/2025م-كلية الهندسة :: مهارات حاسوب-قسم الهندسة المدنية-النظام العام-المستوى الاول-درجة الأختبار 50 درجة
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1) The vacuum tubes are used in
 1)   -   the third
 2)   -   the second
 3)   +   the first
 4)   -   the fourth generation of computers

2) The transistors are used in
 1)   -   the first
 2)   -   the fourth
 3)   -   the third
 4)   +   the second generation of computers

3) The large and very large IC's are used in
 1)   -   the first
 2)   +   the fourth
 3)   -   the third
 4)   -   the second generation of computers

4) It is considered a low level programming language
 1)   +   Assemply
 2)   -   Pascal
 3)   -   Basic
 4)   -   C++

5) It is considered a high level programming language
 1)   -   Assemply
 2)   -   Fortrun
 3)   +   Paython
 4)   -   Mashine language

6) Devices that process billions of operations per second:
 1)   -   Mico-computer
 2)   +   Super-computer
 3)   -   Mini-Computer
 4)   -   Mainframe Computer

7) The smallest storage unit in a computer:
 1)   -   KiloByte
 2)   +   Bit
 3)   -   Byte
 4)   -   Else

8) The hard disk is considered a memory
 1)   +   Secondary
 2)   -   Main
 3)   -   Primery
 4)   -   Else

9) The number of codes that can be obtained from an 8-bit binary word:
 1)   -   32
 2)   -   64
 3)   -   128
 4)   +   256

10) It performs all mathematical, logical and comparison operations:

    1)   -   Control Unit
    2)   -   I/O Units
    3)   -   Memory
    4)   +   ALU

11) If you have a book that contains 670 papers and each paper has 50 lines and each line has 8 words and a word has 5 letters, how many bytes do you need to store this book?
    1)   +   0.001 GByte
    2)   -   0.002 GByte
    3)   -   0.003 GByte
    4)   -   0.004 GByte

12) . If you have a computer with a processing speed of 1.7 GHz and each instruction needs 5 clock cycles, this computer can accomplish:
    1)   -   649 MIPS
    2)   -   550 MIPS
    3)   +   357 MIPS
    4)   -   273 MIPS

13) The binary number $(1110101.01)_2$ equivalent the following decimal number:
    1)   -   221.0625
    2)   +   117.125
    3)   -   120.25
    4)   -   111.5

14) The octal number $(546.77)_8$ equivalent the following decimal number:
    1)   +   358.984375
    2)   -   359.984385
    3)   -   360.984395
    4)   -   361.9843105

15) The hexadecimal number $(96D.1)_{16}$ equivalent the following decimal number:
    1)   -   2412.0624
    2)   +   2413.0625
    3)   -   2414.0626
    4)   -   2415.0627

16) . The decimal number $(1731)_{10}$ equivalent the following binary number:
    1)   -   11010011110
    2)   -   11000101001
    3)   -   10101010101
    4)   +   11011000011

17) The octal number $(176)_8$ equivalent the following binary number:
    1)   +   1111110
    2)   -   1010101
    3)   -   1111100
    4)   -   1010111

18) . It is a programmable memory multiple times:
    1)   +   EPROM
    2)   -   ROM
    3)   -   PROM
    4)   -   RAM

19) . It is read-only memory and does not depend on electrical current:
    1)   -   RAM
    2)   -   PROM

3) + ROM
4) - EPROM

20) It is only one time programmable memory:
1) - RAM
2) + PROM
3) - EPROM
4) - ROM

21) $(11101)_2 + (10111)_2 =$
1) - 110010
2) - 10100
3) + 110100
4) - 100100

22) $(777)_8 + (452)_8 =$
1) - 1351
2) + 1451
3) - 1551
4) - 1651

23) $(4D4B)_{16} + (4F6A)_{16} =$
1) - 8CB5
2) - 6FB5
3) + 9CB5
4) - 8BB5

24) $(E4FC)_{16} - (9C73)_{16} =$
1) + 4889
2) - 4989
3) - 4789
4) - 4689

25) After clarifying all the instructions and commands, the algorithm can be represented by a diagram called
1) - Event
2) + Flowchart
3) - Source program
4) - Else