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**ROLL NUMBER:.....**

**WRITTEN TEST FOR MFCP**

**PROGRAMMER A TO B**

**DATE: 03.05.2016**

**DURATION: 60 MINUTES**

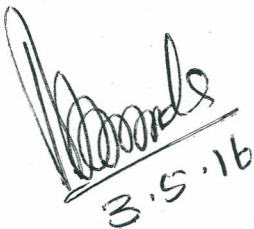
**TIME: 09:30 Hrs.**

**TOTAL MARKS: 50**

**INSTRUCTIONS TO THE CANDIDATES**

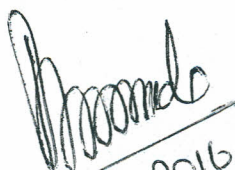
1. Write your Roll Number on the top of the Question Booklet and in the answer sheet.
2. Write legibly the alphabet of the most appropriate answer in the separate answer sheet provided.
3. There will not be any Negative Marking.
4. Over-writing is not permitted.
5. Candidate should sign in the question paper and answer sheet.
6. No clarifications will be given.
7. Candidate should hand over the answer sheet and question paper to the invigilator before leaving the examination hall.

**Signature of the Candidate**

  
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**WRITTEN TEST ON 03/05/2016 – MFCP – PROGRAMMER A TO B**


1. The control frame that is sent by the destination station is called
  - A. clear to send
  - B. Request to sent
  - C. Distributed Interframe Space
  - D. Short Interframe Space
2. Bluetooth defines several protocols for the
  - A. Upper Layer
  - B. Lower Layer
  - C. Higher Layer
  - D. Sub Level
3. IPSec provides security at the ----- layer.
  - A. Datalink
  - B. Network
  - C. Transport
  - D. Application
4. MIME stands for
  - A. Multipurpose Internet Mail Extensions
  - B. Multipurpose Internet Mail Email
  - C. Multipurpose Internet Mail End
  - D. Multipurpose Internet Mail Extra
5. The main difference between SNMPv3 and SNMPv2 is the
  - A. management
  - B. integration
  - C. classification
  - D. enhanced security
6. Device drivers are dynamic
  - A. Processes
  - B. Variables
  - C. Libraries
  - D. Applications
7. The information when is written in the cache, both to the block in the cache and the block present in the lower-level memory, refers to
  - A. Miss rate
  - B. Write-back
  - C. Write-through
  - D. Dirty bit
8. MIS with Having 32-bit virtual-address, 4 KB pages and 4 bytes/page of table entry, the total no of page-table size would be
  - A. 1MB
  - B. 2MB
  - C. 3MB
  - D. 4MB
9. A page fault occurs when
  - A. Deadlock happens
  - B. the Segmentation starts
  - C. the page is found in the memory
  - D. the page is not found in the memory
10. A memory system of size 16K bytes is required to be designed using memory chips which have 12 address lines and 4 datalines each. The no. of such chips required to design memory system is
  - A. 2
  - B. 8
  - C. 4
  - D. 16
11. The system structure of the Linux is
  - A. Microsoft Windows
  - B. Unix
  - C. Window Vista
  - D. Monolithic Kernel
12. Which of the following contains a complete record of all activity that affected the contents of a database during a certain period of time?
  - A. Transaction log
  - B. Query language
  - C. Report writer
  - D. Data manipulation

  
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13. Identify the fastest sorting algorithm for large database size
- A. quick sort
  - B. heap sort
  - C. exchange sort
  - D. shell sort
14. Which among following scheduling algorithms give minimum average waiting time
- A. FCFS
  - B. SJF
  - C. Round robin
  - D. On Priority
15. Which of the shell commands supplies the IP address of a computer running the windows operating system?
- A. ipshow
  - B. traceroute
  - C. iplookup
  - D. ipconfig
16. In Linux, which among the following interacts directly with system hardware?
- A. Shell
  - B. Commands
  - C. Kernel
  - D. Applications
17. What is use of \r in C
- A. used to insert a vertical tab
  - B. used to insert a tab
  - C. places cursor at the end of line
  - D. places cursor at the start of line
18. What is the correct order of precedence in C
- A. Addition, Division, Modulus
  - B. Addition, Modulus, Division
  - C. Multiplication, Substraction, Modulus
  - D. Modulus, Multiplication, Substraction
19. Size of void pointer in C is
- A. 1 byte
  - B. 2 byte
  - C. 4 byte
  - D. 8 byte
20. Attribute of one table matching to the primary key of other table, is called as
- A. foreign key
  - B. secondary key
  - C. candidate key
  - D. composite key
21. Which among following is considered as super daemon in linux ?
- A. sysinit
  - B. grep
  - C. init
  - D. locate
22. IPV6 is in which format
- A. Hexadecimal format
  - B. Octal format
  - C. Alphanumeric format
  - D. Numeric format
23. Meaning of Outside local in NAT is
- A. Name of inside source address before translation
  - B. Name of destination host before translation
  - C. Name of inside host after translation
  - D. Name of outside destination host after translation
24. The addressing mode used in instruction Add x, #10 is?
- A. absolute
  - B. immediate
  - C. indirect
  - D. indexed
25. Which command will show you the summary of NAT configuration in a router ?
- A. show ip nat translations
  - B. show ip nat statistics
  - C. debug ip nat
  - D. clear ip nat translations

  
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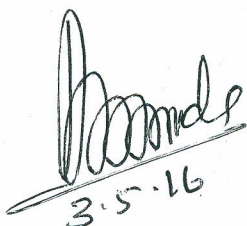
26. In PHP, which of the below symbols is a newline character?
- A. \r C. /n  
B. \n D. /r
27. Which protocol finds the MAC address from IP address
- A. SMTP C. ARP  
B. ICMP D. RARP
28. Which layer will be used while transmitting data using FTP or Telnet
- A. Presentation C. Session  
B. Application D. Transport
29. Which of the following register is used in the control unit of the CPU to indicate the next instruction which is to be executed?
- A. accumulator C. instruction decoder  
B. index register D. program counter
30. Thrashing
- A. always occurs on a large computer  
B. is a natural consequence of virtual memory  
C. can always be avoided by swapping  
D. can be caused by poor paging algorithm
31. Which statement is static and synchronized in JDBC API
- A. executeQuery() C. getConnection()  
B. executeUpdate() D. prepareCall()
32. Java servlet code is executed in
- A. Server C. Web browser  
B. Client machine D. Client JVM
33. After the compilation of the java source code, which file is created by the JVM
- A. .class C. .cdr  
B. .java D. .doc
34. The larger the RAM of a computer, the faster its processing speed is, since it eliminates ?
- A. need of ROM C. frequent disk I/O  
B. need for external memory D. need for wider data path
35. The output of the following C program will be
- ```
main()
{
    int a, b;
    a=3;
    b=a*++a;
    print("%d",b);
}
```
- A. 25 C. 20  
B. 16 D. 9
36. The generation of colours in colour inkjet printer is based on the colour model ?
- A. CMY C. HSV  
B. RGB D. YIQ

  
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37. Which type of inheritance is not supported by java
- A. Single  
B. Multiple  
C. Multilevel  
D. Hierarchical
38. What do you mean by javap
- A. java compiler  
B. java Interpreter  
C. java Disassemble  
D. java debugger
39. Which method of the Applet class displays the result of applet code on screen
- A. run() method  
B. paint() method  
C. drawString() method  
D. main() method
40. How we mark the end of c++ statement
- A. ;  
B. :  
C. >>  
D. <<
41. .... is suitable for remote administration of a computer.
- A. FTP  
B. Shell  
C. Remote Procedure Call  
D. Telnet
42. SMTP connections secured by SSL are known as
- A. SMTPS  
B. SSMTP  
C. SNMP  
D. IMAPS
43. In HTML which of the following attributes of text box control allow to limit the maximum character
- A. size  
B. Leon  
C. maxlength  
D. lengthTelnet
44. What is WPA?
- A. wi-fi protected access  
B. wired protected access  
C. wired process access  
D. wi-fi protected authenticationTelnet
45. The most recent version of MAC OS is based on the ... operating system
- A. Windows  
B. Linux  
C. Unix  
D. CMOS
46. AJAX based on
- A. Javascript and XML  
B. Javascript and Java  
C. VBScript and XML  
D. Javascript and HTTP Requests
47. The localStorage and sessionStorage belongs to
- A. Window object  
B. Element object  
C. Hash object  
D. DOM object
48. Which one is the popular Web Server for hosting java pages
- A. Wamp Server  
B. Tomcat Server  
C. IIS Server  
D. LAMP Server
49. In PHP, which one of the following statements should be used to include a file?
- A. #include 'filename';  
B. include 'filename';  
C. @include 'filename';  
D. #include ;
50. The latest HTML standard is
- A. XML  
B. SGML  
C. HTML 4.0  
D. HTML

  
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