Computer Science Mcqs Test

   A portion of the hard disk considered as RAM.
   Extended memory on the secondary storage that is used whenever physical memory is full .
   The abstraction of separating logical memory – memory as seen by the process – from physical memory – memory as seen ny the processor.
   It is the page file in Windows folder.
   None of these.

2. The 'cmp' instruction modifies the:

   Instruction register.
   Flags register.
   Segment register.
   None of these.

3. Consider the following page reference string:
1,2,3,4,2,1,5,6,2,1,2,3,7,6,3,2,1,. Assuming there are 4 page framess available and that all frames are initially empty, what is the total number of page faults that would occur for the page reference string above if the least-recently-used (LRU) replacement policy is used?

   6
   9
   10
   11
   None of these

4. The Banker's algorithm is used to _____

   Rectify deadlock
   Detect deadlock
   Prevent deadlock
   Avoid deadlock
   None of these

5. The necessary conditions needed before deadlock can occur are _____.

   No Mutual Exclusion, Hold and wait, Preemption, Circular Wait.
   Mutual Exclusion, No Hold and wait, Preemption, Circular Wait.
   Mutual Exclusion, Hold and wait, No Preemption, Circular Wait.
   Mutual Exclusion, Hold and wait, Preemption, No Circular Wait.

6. Differences between data lick layer and transport layer error detection is that:

   Data link detects transmission errors while transport layer detects segmentation faults.
   Data link detects node-to-node errors while transport layer detects end-to-end errors.
   Data link detects end-to-end errors while transport layer detects node-to-node errors
   Data link detects segmentation errors while transport layer detects bit error.
   None of theses

7. Phase Shift Keying (PSK) method is used to modulate digital signals at 9600bps using 16 levels. The line signals speed (i.e. modulation rate) will be:

   1200 bands
   2400 bands
   4800 bands
   9600 bands
   None of these

8. Exception handling is a powerful tenchnique that separates error-handling code from _____ code

   Buggy
   Faulty
   Normal
   Exceptional
   None of these

9. When a subroutine is called, the address of the instruction following the CALL instructions stored in/on the:

   Stack pointer
   Accumulator
   Programs counter
   Stack
   None of these

10. Binary tree "preorder" traversal is defined recursively as follows:

   Traverse left subtree, visit the root, traverse right subtree
   Traverse right subtree, visit the root, traverse left subtree
   Visit the root, traverse left subtree, traverse right subtree
   traverse left subtree, traverse right subtree, visit the root
   None of these

11. What value will return to the operating system upon the successful completion of a program?

   -1
   1
   0
   None of these

13. The advantages of creating a prototype are:

   It allows developers to experiment with number of different design options.
   It can serve as means of communication between developers and customers.
   It is better than water fall model
   Both a and b
   None of these

14. Choose the correct statement:

   Testing can show the presence of bugs but never their absence
   Testing can always find all the bugs
   Testing can always be exhaustive
   If we test enough then we can find all of the bugs
   None of these

15. Which of the following operations need the participating relations to be union compatible?

   UNION
   INTERSECTION
   DIFFERENCE
   All of these
   None of these

16. The language used in application programs to request data from the DBMA is reffered to as the:

   DML
   DDL
   VDL
   SDL
   None of these

17. What is the correct XHTML for a paragraph?

   <P></p>
   <P></P>
   <p></p>
   </p><p>
   None of these

18. Which of the follwoing HTML form method is suitable when you need to send larger form submission?

   Get
   Post
   Both Get and Post
   Ajax
   None of these

19. (2,4) is a point on a circle that has senter at the origion. Which of the follwoing points are also on circle?

   (2,-4)
   (-2,4)
   (4,-2)

All of the above
None of these

20. In Bresenham's algorithm, while generating a circle, it is easy to generate?

One octant first and other by successive reflection
One octant first and other by successive rotation
One octant first and other by successive translation
All octants
None of these.

Computer Science Mcqs from Past Papers

Computer Science Mcqs from Past Papers

In Microsoft windows key F1 is mostly used
for Help
Save
New
Exit
The device which converts analog signals to digtital signals and vice versa is
called mother board
TAP
Modem
I/O device
NTFS stand for
Network File Saving
New Technology File System
Newt Trend File Saving
Non Technology File System
The part of CPU where arithmetic and logical functions are performed is called
control unit
ALU
Memory
Unit Register
In cyber crimes,
(A) The computer is a tool (B) The computer is a target
(C) Both (A) and (B) (D) Neither (A) nor (B)
Ans: C
   Which of the following is not an operating system?
(A) Linux (B) Mozilla
(C)   Macintosh   (D)
Windows Ans: B
   Statistical calculations and preparation of tables and graphs can be done using
(A) Adobe Photoshop (B) Excel
(C) Notepad (D) Power Point
Ans: B
   Nod 32, Norton and Panda are
(A) Search engines (B) Operating Systems

Antivirus   software   (D)   Internet
browsers Ans: C

5. EDUCOMP

   Reaches out to the entire education cycle – preschool toddlers to post graduate students

   Delivers the core curriculum subjects at school and college levels as well as vocational and employability skills

   Empowers with IT education and IT enabled learning

   All of the above

Ans: D

   Identify a web browser from the following

(A) Yahoo (B) Internet Explorer

(C)   Bing   (D)
DuckDuckGo Ans: B

   Which is not a social networking site?

(A) Google Plus (B) Wink

(C) LinkedIn (D) Buzz

Ans: B

   Which of the following is a wrong direction to guard against a 'Phishing' attack?

(A) Log on to a site by typing the proper URL in the address bar

(B) Ensure that the URL of the login page starts with http:// and not https://

(C) Give user id and password only at authenticated login page

(D) Look for the lock sign/icon and verisign
certificate Ans: B

   Which of the following is not suitable for preparation of learning materials?

(A) NETLOG (B) ERIC

(C) PROQUEST (D) UTUBE

Ans: A

   Nimbuz, Pidgin and Trillion are software used for

(A) Blogging (B) Chatting

(C) Surfing (D) All of the above

Ans: B

   WWWW, in computer parlance, stands for

(A) World Wide Web Worm (B) World Wide Wildlife Web

(C) World Wide Women's eb (D) World Wide Women's Week

Ans: A

   One kilobyte (KB) is equal to

(A) 1000 bytes (B) 1024 bytes

(C) 1024 bits (D) 1023
bytes Ans: B

   One megabyte (MB) is equal to

(A) 1023 kilobytes (B) 1000 bytes

(C)   100   kilobytes   (D)   1024
kilobytes Ans: D

   One Gigabyte (GB) is equal to

(A) 1000 megabytes (B) 2048 megabytes

(C) 2023 megabytes (D) 1024
megabytes Ans: D

   □ □Ā □   Ā □   Ā □   Ā □

   bits forms a

(A) byte (B) nibble

(C) kilobyte (D) None of the
above Ans: A

he Institution set up by the Government of India to provide computer based information services to government departments

C-DIT (B) CDAC

NIC (D) DOEACC

Ans: C

17. Information Communication Technology (ICT) involves primarily

Enrichment of existing knowledge

Installation of equipments

Storage and communication of information

Use of technology for teaching

Ans: C

18. For use of ICT, teachers should be familiar with

(A) Programming (B) Browsing

Planning (D) Handling of audio-visual

aids Ans: B

19. Cloud computing means

Computing using the satellite

Computing using cloud chamber technology

Computing which results in errors

Shifting computing power from offline PCs and Laptops onto the

Web Ans: D

20. URL is a term associated with

Computer hardware (B) Internet

Laser   printer   (D)

Fax Ans: B

21. 1 GB is equal to

Ä   □Ā   □   Ā   □   Ā   □   Ā   □

0000 KB (B) 1073741824 KB

1048576 KB (D) 100000

KB Ans: C

22. Computer virus is

A micro organism

A useful computer component

Electro magnetic waves entering the computer from internet

A programme

Ans: D

23. Rohith was asked to prepare a multimedia presentation as part of a seminar. Which of the following software can be made use of?

Notepad (B) Excel

Power Point (D) Adobe Reader

Ans: C

24. In internet terminology IP means

Internet Provider (B) Internet Protocol

Internet Procedure (D) Internet Processor

Ans: B

25. Which one of the following is not a search engine?

Bing (B) Google

Yahoo (D) Windows

Ans: D

26. CLASS is the acronym for

Computer, Language and School Studies

Computer, Literacy and Studies in Schools

Computer, Language and Secondary Schools

Computer, Learning and School Studies

Ans: B

27. SITE stands for

Satellite Instructional Technology and Engineering
State Institute of Teacher Education

Computer Science important Mcqs For Test Preparation

Which of the following statement is not correct?
    Computer is capable of processing only digital signal
    Computer is capable of analysing both quantitative and qualitative data
    Appropriate software is required for processing the data
    Computer is capable of processing digital as well as analog signals
Ans: A

43. Which of the following is the appropriate definition of Information Technology?
    Information Technology refers to the use of hardware and software for processing information
    Information Technology refers to the use of hardware and software for distribution of useful information
    Information Technology refers to the use of hardware and software for storage, retrieval, processing and distributing information of many kinds
    Information Technology refers to the use of principles of Physical sciences and Social sciences for processing of information of many kinds
Ans: C

44. Which of the following statement is correct?
    Virus improves the speed of processing information through computer
    Internet does not allow the virus to spread
    Virus is a part of software
    Virus is an operating system Ans: C

45. Which of the following is correct statement?
    Computers can be used for diagnosing the difficulty of a student in learning a subject
    Psychological testing can be done with the help of computer provided a software is available
    A set of instructions is called a programme
    All of the above
Ans: D

46. A parallel port is most often used by
    Mouse (B) Monitor
    Printer (D) Keyboard
Ans: C

47. Blue tooth technology allows:
    Landline phone to mobile phone communication
    Wireless communication between equipments
    Signal transmission on mobile phones only
    Satellite television communication Ans: B

48. Which of the following is an example of an optical disk?
    Memory disk (B) Magnetic disk
    Hard disk (D) Digital versatile disk Ans: D

49. Which of the following is(are) an example of storage devices?
    Tapes (B) DVDs
    Magnetic disks (D) All of these Ans: D

50. IC chips used in computers are made of
    Silicon (B) Chromium

(C) Lead (D) Silver
Ans: A
1. Which of the following is not an example of Operating System?
(A) Microsoft Office (B) Windows Vista
(C) Unix (D) Ubuntu Linux
Ans: A
Which supercomputer is developed by the Indian Scientists?
(A) Sequoia (B)Param
(C) Mira (D) Jaguar
Ans: B
'OS' in computer system means ?
(A) Open System (B) Open Software
(C) Operating System (D) All of these
Ans: C
'.MOV' extension refers to:
(A) Word file (B) Text file
(C) Image file (D) Movie file
Ans: D
'.MPG' extension refers to:
(A) Word file (B) Text file
(C) Image file (D) Movie file
Ans: D
'.INI' extension refers to:
(A) Image file (B) System file
(C) Movie file (D) Word file
Ans: B
Select the odd term out?
(A) Windows (B) Linux
(C) Unix (D) Internet
Ans: D
What is the full form of WWW in Internet?
(A) World Wide Web (B) World Wide Word
(C) World Wide Wood (D) None of these
Ans: A
Which Command is used to reboot the computer?
(A) Ctrl+Shift+Del (B) Ctrl+Del+End
(C) Ctrl+Alt+Del (D) Both (A) and (C)
Ans: C
The blinking symbol on the computer screen:
(A) Mouse (B) Cursor
(C) Character (D)
Blinker Ans: B
61. Father of the computer
(A) Charles Babbage (B) Vint Cerf
(C) Bob Khan (D) David Filo
Ans: A
Inventer of Email system?
(A) Alan Turing (B) Zuckerburg
(C) Vint Cerf (D) Ray Tomilson
Ans: D
ROM Stands for
(A) Range Of Motion (B) Read On Memory
(C) Read Only Memory (D) None of these

Ans: C

64. One Terabyte (TB) is equal to
(A) 1000 megabytes (B) 2048 megabytes
(C) 1024 gigabytes (D) 1024 megabytes
Ans: C

Super computer developed by Indian scientists?
(A) Param (B) Cray I
(C) Blue Gene (D) IBM Sequoia
Ans: A

A process used by large retailers to study trends
(A) data selection (B) data mining
(C) both (A) and (B) (D) None of the above
Ans: B

Technology no longer protected by copyright, available to everyone
(A) Proprietary (B) Open
(C) Private (D) Either (A) or
(B) Ans: B

Computers use ——— language to process data
(A) English (B) powerful
(C) decimal (D) binary
Ans: D

The term 'bit' is a short for
(A) binary digit (B) binary number
(C) digit (D)
byte Ans: A

Which of the following is not an example of input device?
(A) Keyboard (B) mouse
(C) Printer (D)
scanner Ans: C

DSL is an example for ——— connection
(A) network (B) wireless
(C) internet (D)
broadband Ans: D

——— is the program that manages CPU, memory, storage devices and input/output devices.
(A) Super system (B) Application software
(C) Operating system (D) Control
system Ans: C

Binary language consists of ——-
(A) 2 digits (B) 3 digits
(C) 4 digits (D) 10
digits Ans: A

What combination of short cut keys will you use to change a text in upper case to lower case in MS Word?
(A) Ctrl+L(B) Shift+F3
(C) Ctrl+Shift+A(D) Shift+Alt+F5
Ans: B

Which Nobel Laureate is also known as the Father of Artificial Intelligence?
(A) Herbert A. Simon (B) Howard Aiken
(C) Charles Babbage (D) Alan Turing
Ans: A

76. The Father of Modern Computer is:
(A) Charles Babbage (B) Blaize Pascal
(C) Howard Icons (D) Shanon

Ans: A

77. UNIX, DOS and Windows are examples of:

(A) Application Programmes (B) Operating Systems

(C) Word Processing (D) Commercial Computer

Brands Ans: B

Which is not a search engine?

(A) Microsoft (B) Alta Vista

(C) Google (D) Search Bug

Ans: A

The presentation package and slides are usually presented by:

(A) Power Point (B) Excel

(C) MS Word (D) All the

above Ans: A

What is the storage capacity of a single layered Blue Ray disc?

(A) 80 GB (B) 50 GB

(C) 10 GB (D) 25 GB

Ans: D

What is the storage capacity of a dual layered Blue Ray disc?

(A) 80 GB (B) 50 GB

(C) 10 GB (D) 25 GB

Ans: B

What is the storage capacity of a CD ROM?

(A) 700 MB (B) 500 MB

(C) 7000 MB (D) 4.7 GB

Ans: A

What is the storage capacity of a DVD?

(A) 700 MB (B) 500 MB

(C) 7000 MB (D) 4.7 GB

Ans: D

Education combined with entertainment is called —————

(A) Simulation (B) CAI

(C) Edutainment (D) Synchronization

Ans: C

Pick out E-commerce application from the following

(A) DTP (C) SQL

(C) Tally (D) ATM

Ans: D

Which of the following is not a browser program ?

(A) MOSAIC (B) Windows Explorer

(C) Internet Explorer (D) Netscape Navigator.

Ans: B

A kiosk offers —————

(A) Digital Certificate (B) Touch Screen Application

(C) Internet Services (D) None of

these Ans: C

88. VAN refers to—————

(A) Virtual Analog Network (B) Value Added Network

(C) Variable Address Network (D) Virtual Additional Network

Ans: B

89. A Laser printer is:

(A) an input device (B) an output device

(C) both (A) and (B) (D) None of these

Ans: B

90. Which one of the following is not a computer language?
    Java (B) COBOL
    ASP   (D)
LOTUS Ans: D
91. Which of the following refers to a small local network?
    LAN (B) WAN
    MAN   (D)
SLN Ans: A
92. ATM means?
    Any Time Money (B) Automatic Tele Money
    Automatic   Teller   Machine   (D)   Any   Time
Marketing Ans: C
93. The term PC means?
    Personal Computer (B) Public Computer
    Private Computer (D) Professional Computer
Ans: A
94. When a key is pressed on the keyboard, which standard is used for converting the keystroke into corresponding bits?
    ANSI (B) EBCDIC
    ASCII (D) ISO
Ans: A
95. Software, such as Explorer and Firefox, are referred to as……………
    Systems software (B) Utility software
    Browsers (D) Internet tools
Ans: C
96. Which of the following is not an output device?
    Plotter (B) Scanner
    Flat   Screen   (D)   Touch
Screen Ans: B
97. Which technology is used in Compact disks?
    Electrical (B) Mechanical
    Electromagnetic (D) Laser
Ans: D
98. The programs which are as permanent as hardware and stored in ROM is known as:
    Software (B) Firmware
    Algorithm   (D)
ROMware Ans: B
99. Which access method is used for obtaining a record from a cassette tape?
    Sequential (B) Direct
    Random   (D)   None   of
these Ans: A
100. ASCII stands for:
    American Security Code for Information Interchange
    American Standard Code for Information Interchange
    American Scientific Code for Interchanging Information
    American Standard Code for Interchanging Information
Ans: B Basic MCQs of Computer Science (IT) for NTS and PSC Test

. Mostly which of the following device is used to carry user files? A. Floppy Disk B. Hard Disk
C. RAM D. CDROM
Answer: A
2. Which device is used to backup the data?

A. Floppy Disk B. Tape

Network Drive. D. All of the

above Answer: D

3. In order to play and hear sound on a computer, one needs:

a sound card and speakers B. a microphone

all of them required D. none of them

required Answer: A

4. Which of the following are the cheapest memory devices in terms of Cost/Bit?

Semiconductor memories B. Magnetic Disks

Compact Disks D. Magnetic

Tapes Answer: C

5. Which of the following are the best units of data on an external storage device?

Bits B. Bytes

Hertz D. Clock

cycles Answer: B

6. Which of the following have the fastest access time?

Semiconductor Memories B. Magnetic Disks

Magnetic Tapes D. Compact

Disks Answer: A

7. Which of the following is a read only memory storage device?

Floppy Disk B. CDROM

Hard Disk D. None of

these Answer: B

8. Which of the following is a programming language?

Lotus B. Pascal

MS-Excel D.

Netscape Answer: B

9. What is a compiler?

A compiler does a conversion line by line as the program is run

A compiler converts the whole of a higher level program code into machine code in one step

A compiler is a general purpose language providing very efficient execution

None of the above

Answer: B

10. What is an interpreter?

An interpreter does the conversion line by line as the program is run

An interpreter is the representation of the system being designed

An interpreter is a general purpose language providing very efficient execution

None of the above

Answer: B

11. When a key is pressed on the keyboard, which standard is used for converting the keystroke into the corresponding bits?

ANSI B. ASCII

EBCDIC D. ISO

Answer: A

13. A Pixel is ………

A computer program that draws picture

A picture stored in secondary memory

The smallest resolvable part of a picture

None of these

Answer: C

14. Which device is used as the standard pointing device in a Graphical User Environment?

Keyboard B. Mouse

C. Joystick D. Track ball

Answer: B
    Which number system is usually followed in a typical 32-bit computer? A. 2 B. 10
C. 16 D. 32
Answer: A
    Which number system is usually followed in a typical 32-bit computer? A. Binary B. Decimal
C. Hexadecimal D. Octal
Answer: A
    Which of the following is not an output device?
A. Scanner B. Printer
C. Flat Screen D. Touch Screen
Answer: D
    Which of the following devices have a limitation that we can only store information to it but cannot erase or modify it?
A. Floppy Disk B. Hard Disk
C. Tape Drive D. CDROM
Answer: D
    Which technology is used in Compact disks?
    Mechanical B. Electrical
    Electro   Magnetic   D.
Laser Answer: D
20. Which of the following storage devices can store maximum amount of data?
    Floppy Disk B. Hard Disk
C. Compact Disk D. Magneto Optic Disk
Answer: B
    Which of the following is the largest manufacturer of Hard Disk Drives? A. IBM B. Seagate
C. Microsoft D. 3M
Answer: B
    The programs which are as permanent as hardware and stored in ROM is known as
A. Hardware B. Software
C. Firmware D. ROM ware
Answer: C
    Memory unit is one part of
A. Input device B. Control unit
C. Output device D. Central Processing Unit
Answer: D
24. Who built the first Mechanical Calculator
    Joseph Marie Jacquard B. John Mauchly
    Blaise   Pascal   D.   Howard
Aiken Answer: C
25. The earliest calculating devices are
    Abacus B. Clock
C. Difference Engine D. None of these
Answer: A
    Punched cards were first introduced by A. Powers B. Pascal
C. Jacquard D. Herman Hollerith
Answer: D
    Word length of a Personal Computer is ___
A. 4 bits B. 8 bits
C. 16 bits D. 64 bits

Answer: B

28. Cursor is a ____
A. Pixel B. Thin blinking line
C. Pointing device D. None of
these Answer: B

Operating system, editors, and debuggers comes under?
A. System Software B. Application Software
C. Utilities D. None of the above
Answer: A

Which device is required for the Internet connection?
Joystick B. Modem
CD   Drive   D.   NIC
Card Answer: B

31. What does DMA stand for?
Distinct Memory Access B. Direct Memory Access
Direct   Module   Access   D.   Direct   Memory
Allocation Answer: B

32. When did John Napier develop logarithm?
1416 B. 1614
C. 1641 D. 1804
Answer: B

33. A normal CD-ROM usually can store up to _____ data?
680 KB B. 680 Bytes
680 MB D. 680 GB
Answer: C

34. ATM stands for?
Automatic Talking Machine
Automatic Teller Machine
Analog Teller Machine
Automatic Ticketing Machine
Answer:B

35. The Second Generation Computer was based on ………….
Vacuum Tube B. Silicon Chips
Transistor   D.   Bio
Chips Answer: C

36. The Third Generation Computer was made with ………….
Vacuum Tube B. Discrete Components
IC   D.   Bio
Chips Answer: C

37. he BIOS is the abbreviation of ………….
Basic Input Output System B. Best Input Output System
Basic Input Output Symbol D. Base Input Output System
Answer: A

38. What do you call a single point on a computer screen
Cell B. Element
Pixel D. Bit
Answer: C

39. How was the generation of computer classified?
by the device used in memory & processor
by the speed of computer
by the model of the computer
by the accuracy of computer
Answer: A

Through which device the main components of the computer communicate with each other? A. Keyboard B. System Bus
C. Monitor D. Memory
Answer: B

Which is a valid program to access the Internet?
A. Access B. Front Page
C. Windows Explorer D. Netscape
Answer: D

42. Which one is the Low Level Language?
A. Assembly B. Visual Basic
C. Java D. C++
Answer: A

Which is a volatile memory?
A. ROM B. BIOS
C. PROM D. RAM
Answer: D

The digital signals can be represented
by A. Binary Codes B. 0 and 1
C. High and Low D. all of the
above Answer: D

Which program can be used for
email? A. Internet Explorer B. Outlook
Express C. NetMeeting D. FrontPage
Answer: B

Modulator-demodulator is a device that
converts: A. Digital signal into analog signal
B. Analog signal into digital signal
C. Both A and B
D. None of the
above Answer: C

_____ is used for scanning the pictures and putting them in digitized form in the computer. A. CD-ROM B. Plotter
C. Bar-coder D. Scanner
Answer: D

Animator, 3D Studio, Corel Draw and Flash are………….
Word processors B. Spreadsheet packages
Multimedia S/W D. None of the
above Answer: C

49. Which statement is valid?
1 KB = 8 bytes B. 1 MB = 8 KB
C. 1 KB = 1024 bytes D. 1 MB = 1024 bytes
Answer: C

Which device is used to process
data? A. CPU B. RAM
C. DCU D. VDU
Answer: A

Who is known as the father of Computer
Science? A. Charles Babbage B. Howard Aiken
C. Dr. Herman Hollerith D. Blaise Pascal
Answer: A

What is the capacity of a 3.5" Floppy Disk?
A. 360KB B. 720KB
C. 1.2MB D. 1.44MB

Answer: D
    A Personal Computer (PC) is a ……………..
Computer. A. Super B. Main Frame
C. Mini D. Micro
Answer: D
    What type of printers are Dot Matrix Printers?
    Laser B. Inkjet
    Impact D. Drum
Answer: C
55. What is the full form of RAM?
    Read Access Memory B. Random Access Memory
    Rapid access Memory D.
none Answer: B

Computer Science Information About All Function Keys

Computer Science Information About all function
keys Information About all function keys
What are the F1 through F12 keys?
Answer
Commonly known as "function keys", F1 through F12 may have a variety of different uses or no use at all. Depending on the installed operating system and the software program currently open will change how each of these keys operate. A program is capable of not only using each of the function keys, but also combining the function keys with the ALT orCTRL key, for example, Microsoft Windows users can press ALT + F4 to close the program currently active.

Below is a short-listing of some of the common functions of the functions keys. As mentioned above not all programs support function keys and may perform different tasks then those mentioned below. If you are looking for more specific shortcut keys and function key examples we suggest seeing our shortcut key page.

F1
    Almost always used as the help key, almost every program will open the help screen when this key is pressed.

    Enter CMOS Setup.

    Windows Key + F1 would open the Microsoft Windows help and support center.

    Open the Task Pane.

F2
    In Windows renames a highlighted icon, file, or folder in all versions of Windows.

Alt + Ctrl + F2 opens document window in Microsoft Word.

Ctrl + F2 displays the print preview window in Microsoft Word.

Quickly rename a selected file or folder.

Enter CMOS Setup.

F3

Often opens a search feature for many programs including Microsoft Windows when at the Windows Desktop..

In MS-DOS or Windows command line F3 will repeat the last command.

Shift + F3 will change the text in Microsoft Word from upper to lower case or a capital letter at the beginning of every word.

Windows Key + F3 opens the Advanced find window in Microsoft Outlook.

Open Mission Control on an Apple computer running Mac OS X.

F4

Open find window in Windows 95 to XP.

Open the address bar in Windows Explorer and Internet Explorer.

Repeat the last action performed (Word 2000+)

Alt + F4 will close the program window currently active in Microsoft Windows.

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In all modern Internet browsers pressing F5 will refresh or reload the page or document window.

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Move the cursor to the Address bar in Internet Explorer, Mozilla Firefox, and most other Internet browsers.
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Commonly used to spell check and grammar check a document in Microsoft programs such as Microsoft Word, Outlook, etc.

Shift + F7 runs a Thesaurus check on the word highlighted.

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· Function key used to enter the Windows startup menu, commonly used to access Windows Safe Mode.

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Opens the Measurements toolbar in Quark 5.0.

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In Microsoft Windows activates the menu bar of an open application.

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Access the hidden recovery partition on HP and Sony computers.

Enter CMOS Setup.
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Full-screen mode in all modern Internet browsers.

Ctrl + F11 as computer is starting to access the hidden recovery partition on many Dell computers.

Access the hidden recovery partition on eMachines, Gateway, and Lenovo computers.

With Mac OS 10.4 or later hides all open windows and shows the Desktop.

F12

Open the Save as window in Microsoft Word.

Shift + F12 save the Microsoft Word document.

Ctrl + Shift + F12 prints a document in Microsoft Word.
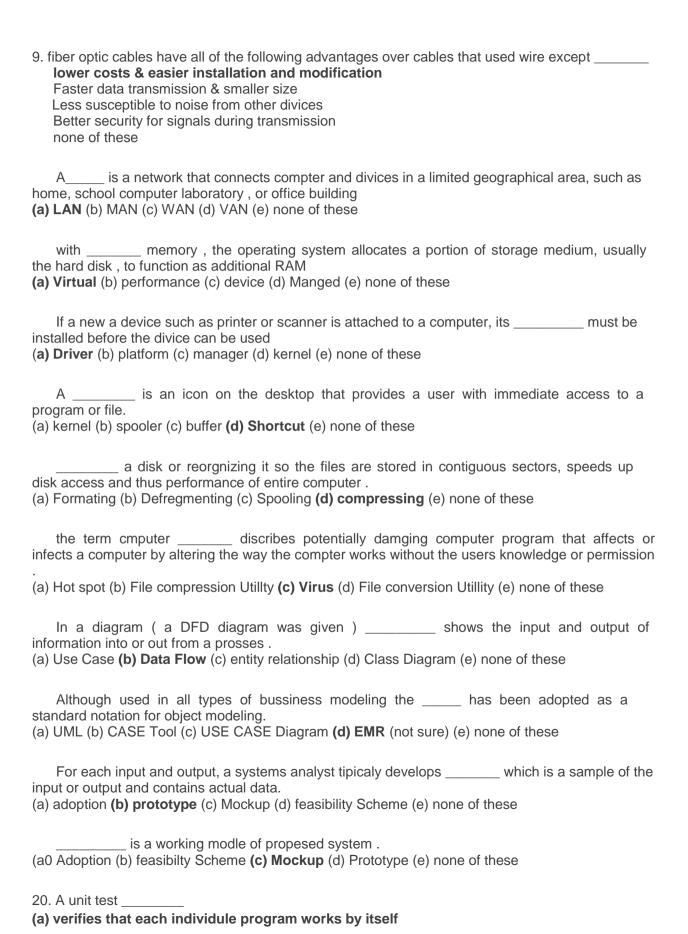
Preview a page in Microsoft Expression Web

Open Firebug.

With an Apple running Mac OS 10.4 or later F12 will show or hides the Dashboard.

Computer Science Mcqs For Competitive Examinations

Computer Science Mcqs for Competitive Examinations

1).object (also called_____) is a common data type that includes photograph, audio, vedio, or a document in other applications.
(a) Number **(b) BLOB** (c) Integer (d) binary (e) none of these

2. in database, a(n) _____ field is a group of related fields.
(a) Table (b) Key (c) Record (d) Primery field (e) Non of these

In a database, a(n) _____ field is a field that uniquely identifies each record in a file.
(a) Main (b) Identifying (c) Master **(d) Key** (e) none of these

If a lowest annual fee at a discount wherehouse is Rs.2025 and the highest is Rs.5550, a(n)_____ on annual fee field ensure it is a value between Rs.2025 and Rs.5550.
(a) Range Check (b) compelteness check **(c) consistency Check** (d) alphabetic/numeric check (e) none of these

A DBMS uses the _____ to perform validation checks.
(a) Data Server (b) data smart (c) data wherehouse **(d) data dictionary** (e) none of these

_____ is a network technology that defines how messages are routed from one end of a network to other, ensuring the datat arrives correctly by dividing it into packets.
(a) HTML (b) XML (c) HTTP **(d) TCP/IP** (e) none of these

When a computer sends data over the internet, the data is divided into small pieces , or _____
(a) Bundles **(b) packets** (c) slices (d) baskets (e) none of these

The amount of data, instructions and information that can travel over a communication channel somtimes is called _____
(a) broadband (b) baseband (c) latency **(d) bandwidth** (e) none of these

9. fiber optic cables have all of the following advantages over cables that used wire except _____
    lower costs & easier installation and modification
    Faster data transmission & smaller size
    Less susceptible to noise from other divices
    Better security for signals during transmission
    none of these

    A_____ is a network that connects compter and divices in a limited geographical area, such as home, school computer laboratory , or office building
(a) LAN (b) MAN (c) WAN (d) VAN (e) none of these

    with _____ memory , the operating system allocates a portion of storage medium, usually the hard disk , to function as additional RAM
(a) Virtual (b) performance (c) device (d) Manged (e) none of these

    If a new a device such as printer or scanner is attached to a computer, its _____ must be installed before the divice can be used
(**a) Driver** (b) platform (c) manager (d) kernel (e) none of these

    A _____ is an icon on the desktop that provides a user with immediate access to a program or file.
(a) kernel (b) spooler (c) buffer **(d) Shortcut** (e) none of these

    _____ a disk or reorgnizing it so the files are stored in contiguous sectors, speeds up disk access and thus performance of entire computer .
(a) Formating (b) Defregmenting (c) Spooling **(d) compressing** (e) none of these

    the term cmputer _____ discribes potentially damging computer program that affects or infects a computer by altering the way the compter works without the users knowledge or permission .
(a) Hot spot (b) File compression Utillty **(c) Virus** (d) File conversion Utillity (e) none of these

    In a diagram (a DFD diagram was given) _____ shows the input and output of information into or out from a prosses .
(a) Use Case **(b) Data Flow** (c) entity relationship (d) Class Diagram (e) none of these

    Although used in all types of bussiness modeling the _____ has been adopted as a standard notation for object modeling.
(a) UML (b) CASE Tool (c) USE CASE Diagram **(d) EMR** (not sure) (e) none of these

    For each input and output, a systems analyst tipicaly develops _____ which is a sample of the input or output and contains actual data.
(a) adoption **(b) prototype** (c) Mockup (d) feasibility Scheme (e) none of these

    _____ is a working modle of propesed system .
(a0 Adoption (b) feasibilty Scheme **(c) Mockup** (d) Prototype (e) none of these

20. A unit test _____
(a) verifies that each individule program works by itself

verifies that all programs in an application work togather properly
verifies that an application works with other applications
is performed by end-users and verifies that the new system works with actual data

PPSC Upcoming Lecturer 2014 Computer Science Mcqs For Test Preparation

PPSC Upcoming Lecturer 2014 Computer Science Mcqs for Test Preparation

1 byte = 8 bits
1 mega byte = 1048576 bytes
1 kilo byte = 1024 bytes
A combination of 16 bits are called word.
A terabyte = 1 trillion bytes
Our PC belongs to 4th generation
Fred Cohen coined the word computer virus
First computer virus was created in 1970 at Bell laboratories
WORM means Write Once Read Many
Power of a super computer is measured in FLOPS (Floating Point Operations per Second)
WWW/http: (hypertext transfer protocol) was created by Tim Burner Lee in 1992
Intel means Integrated Electronics
1 worksheet contains 256 columns
G.W.Basic G.W stands for Gate Way
Super Computer was created by J.H.Van Tassel
CORBA is Common Object Request Broker Architecture
URL is Uniform or Universal Resource Locator
Intel invented RAM chip
Information stored on disk as series of bumps on its shiny side.
DVDs hold more information than CDs. They use smaller bumps and have two reflective layers
Recordable CDs do not have bumps. There are patches of color on disk to change the reflected laser light
In 1951 Univac – 1, the world's first commercial computer was designed by John Mauchly and J. Presper Eckert. They built ENIAC, the first electronic computer in 1946
In 1968 mainframe was built.
In 1976 first supercomputer the Cray-1 was developed
In 1981 IBM produce the IBM PC.
In 1998 IBM made quantum computer
Super computers uses parallel processing
In 1974, computer games were introduced.
PROM is the abbreviation of programmable read only memory
•
What was the world's first high level programming language 1957: IBM FORTRAN
A JPEG is a picture file format – what does JPEG stand for: Joint Photographic Experts Group
During World War II, IBM built the computers the Nazis used to manage their death/concentration camps
Registers are temporary storage areas within the CPU.
First apple computer was built in garage.
The language of small talk is object oriented.
Shell is an operating environment.

Virtual memory is also known as virtual page.
NOS refer to operating systems for a network.
In EBCDIC each character is denoted by 8 bits.
Diodes are used in analog computer circuits as limiter.
Wetware stands for any organic intelligence.
GIGO stands for garbage in garbage out.
Application of flip-flap are counters, shift register and transfer register.
Bootstrap is associated with computer.
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A group of character that is termed as a single entity is called word.
Clip art is a computer prepared art.
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Authorization to make multiple software copies is called site licensing.
Antivirus is also known as vaccines.
Free software is also known as public domain software.
In computer DFD stands for Data Flow Diagram.
Cyber Space is called to Virtual world of the computer.
What does the sun in SUN Microsystems stand for Stanford University Network
What does Intel stand for- Integrated Electronics
All PCs have a BIOS what does bios stand for-Basic Input Output System
What is the common name for an integrated circuit A Chip
In WWW terms what does i.e. mean on a domain name-Ireland
What company introduced the first commercial minicomputer 65 DEC
Name the first web browser publicly available NC A Mosaic
The world's most powerful super computer is called ASCI white.
World Wide Web was invented in 1993 by Tim Bareness Lee.
The B-programming language was developed by Ken Thompson.
The 1st commercially produced and sold computer (1951) was UNIVAC.
The transformation from heavy computers to PCs was made possible using microprocessors.
The first microprocessor was developed in 1971 by Intel.
A pentium 4 (P-4) employs roughly 40 million transistors.
Mark-1, Apple-1, and collossus were initial desktop computers.
Binary digits are briefed as bit
A collection of bits is called byte.
The first home computer (1977), which was sold in millions of units was Apple II.
'PARAM' is a supercomputer.
Father of the Computer.. Charles Babbage

Computer Science Mcqs

Computer Science Mcqs
i) When all access and processing is done in one location, a computer system is said to be
    networked
    distributed
    centralized
    linked
(ii) Tools to change PROM chips, called
    chip kits
    RAM burners
    PROM burners
    none of

these
(iii) The type of modulation that changes the height of the single is called (a) frequency
    phase
    amplitude
    prophase
     A connection for similar network:
(a) satellite
(b) bridge
(c) gateway
(d) fax
    The technology whereby part of the program is stored on disk and is brought into memory for execution as needed is called
(a) memory allocation
(b) virtual storage
(c) interrupts
(d) prioritized memory
(C) Write '"True" or "False" in your answer book about the following statements: (5)
    Application software may be either custom or packaged. True
     RISC technology uses more instructions than traditional computers.True
     A ring network has no central host computer.True
     Satellites use line-of-sight transmission.False
    Time-sharing is both event-driven and time-drive

    A data path to transfer data is called…………………Physical medium
     What is combination of I-time and E-time called………………………..Machine Cycle
      The process of applying a formula to a key is called……………….
      Distortion in the received signals is called………………………
     DMA is a technique to transfer data between memory and ……………..IO devices
(C) Write "TRUE" or "FALSE"
    RISC technology used fewer instructions then traditional computers. True
     Direct file organization is combination of sequential and indexed file organization.True
     Fax is a connection of similar networks. True not sure
     Let G=(V,E) be an undirected graph when G is a free tree.True
     An entity instance is a single occurrence of an entity True

 Information About all function keys
What are the F1 through F12 keys?

Answer

Commonly known as "function keys", F1 through F12 may have a variety of different uses or no use at all. Depending on the installed operating system and the software program currently open will change how each of these keys operate. A program is capable of not only using each of the function keys, but also combining the function keys with the ALT orCTRL key, for example, Microsoft Windows users can press ALT + F4 to close the program currently active.

Below is a short-listing of some of the common functions of the functions keys. As mentioned above not all programs support function keys and may perform different tasks then those mentioned below.

If you are looking for more specific shortcut keys and function key examples we suggest seeing our shortcut key page.

F1

Almost always used as the help key, almost every program will open the help screen when this key is pressed.

Enter CMOS Setup.

Windows Key + F1 would open the Microsoft Windows help and support center.

Open the Task Pane.

F2

In Windows renames a highlighted icon, file, or folder in all versions of Windows.

Alt + Ctrl + F2 opens document window in Microsoft Word.

Ctrl + F2 displays the print preview window in Microsoft Word.

Quickly rename a selected file or folder.

Enter CMOS Setup.

F3

Often opens a search feature for many programs including Microsoft Windows when at the Windows Desktop..

In MS-DOS or Windows command line F3 will repeat the last command.

Shift + F3 will change the text in Microsoft Word from upper to lower case or a capital letter at the beginning of every word.

Windows Key + F3 opens the Advanced find window in Microsoft Outlook.

Open Mission Control on an Apple computer running Mac OS X.

F4

Open find window in Windows 95 to XP.

Open the address bar in Windows Explorer and Internet Explorer.

Repeat the last action performed (Word 2000+)

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FPSC Lecturer Computer Science Mcqs Paper

1. Which of the following devices can be sued to directly image printed text?
   OCR
   OMR
   MICR
   All of above
2. The output quality of a printer is measured by
   Dot per inch
   Dot per sq. inch
   Dots printed per unit time
   All of above
3. In analog computer
   Input is first converted to digital form
   Input is never converted to digital form
   Output is displayed in digital form
   All of above
4. In latest generation computers, the instructions are executed
   Parallel only
   Sequentially only
   Both sequentially and parallel
   All of above
5. Who designed the first electronics computer – ENIAC?
   Van-Neumann
   Joseph M. Jacquard
   J. Presper Eckert and John W Mauchly
   All of above
6. Who invented the high level language c?
   Dennis M. Ritchie
   Niklaus Writh
   Seymour Papert
   Donald Kunth
7. Personnel who design, program, operate and maintain <u>computer equipment</u> refers to
   Console-operator
   Programmer
   Peopleware
   System Analyst
8. When did arch rivals IBM and Apple Computers Inc. decide to join hands?
   1978
   1984
   1990
   1991
9. Human beings are referred to as Homosapinens, which device is called Sillico Sapiens?
   Monitor
   Hardware
   Robot
   Computer
10. An error in software or hardware is called a bug. What is the alternative computer jargon for it?
    Leech
    Squid
    Slug
    Glitch
11. Modern Computer are very reliable but they are not
    Fast
    Powerful

Infallible
Cheap

12. What is the name of the display feature that highlights are of the screen which requires operator attention?
Pixel
Reverse video
Touch screen
Cursor

13. IMB launched its first personal computer called IBM-PC in 1981. It had chips from Intel, disk drives from Tandon, operating system from Microsoft, the printer from Epson and the application software from everywhere. Can you name the country which contributed the video display?
India
China
Germany
Taiwan

14. Personal computers use a number of chips mounted on a main circuit board. What is the common name for such boards?
Daughter board
Motherboard
Father board
Breadboard

15. In most IBM PCs, the CPU, the device drives, memory expansion slots and active components are mounted on a single board. What is the name of this board?
Motherboard
Breadboard
Daughter board
Grandmother board

16. What is meant by a dedicated computer?
Which is used by one person only
Which is assigned one and only one task
Which uses one kind of software
Which is meant for application software

17. The system unit of a personal computer typically contains all of the following except:
Microprocessor
Disk controller
Serial interface
Modem

18. A computer program that converts an entire program into machine language is called a/an
Interpreter
Simulator
Compiler
Commander

19. A computer program that translates one program instructions at a time into machine language is called a/an
Interpreter
CPU
Compiler
Simulator

20. A small or intelligent device is so called because it contains within it a
Computer
Microcomputer
Programmable
Sensor

Computer Multiple Choice Questions (MCQs)

All of the following are examples of real security and privacy risks EXCEPT:

A. hackers.

B. spam.

C. viruses.

D. identity theft.

Answer: B

A process known as _____ is used by large retailers to study

trends. A. data mining

B. data selection

C. POS

D. data conversion

Answer: A

_____terminals (formerly known as cash registers) are often connected to complex inventory and sales computer systems.

Data

Point-of-sale (POS)

Sales

Query

Answer: B

4. A(n) _____ system is a small, wireless handheld computer that scans an item's tag and pulls up the current price (and any special offers) as you shop.

PSS

POS

inventory

data mining

Answer: A

5. The ability to recover and read deleted or damaged files from a criminal's computer is an example of a law enforcement specialty called:

robotics.

simulation.

computer forensics.

animation.

Answer: C

6. Which of the following is NOT one of the four major data processing functions of a computer?

gathering data

processing data into information

analyzing the data or information

storing the data or information

Answer: C

7. _____ tags, when placed on an animal, can be used to record and track in a database all of the animal's movements.

POS

RFID

PPS

GPS

Answer: B

8. Surgeons can perform delicate operations by manipulating devices through computers instead of manually. This technology is known as:

robotics.

computer forensics.

simulation.

forecasting.

Answer: A

Technology no longer protected by copyright, available to everyone, is considered to be:

A. proprietary.

B. open.

C. experimental.

D. in the public domain.

Answer: A

_____ is the study of molecules and structures whose size ranges from 1 to 100 nanometers.

Nanoscience

Microelectrodes

Computer forensics

Artificial intelligence

Answer: A

Status : Offline 11. _____ is the science that attempts to produce machines that display the same type of intelligence that humans do.

Nanoscience

Nanotechnology

Simulation

Artificial   intelligence

(AI) Answer: D

_____ is data that has been organized or presented in a meaningful

fashion. A. A process

B. Software

C. Storage D.

Information

Answer: D

The name for the way that computers manipulate data into information is called:

A. programming.

processing.

storing.

organizing.

Answer: B

Computers gather data, which means that they allow users to _____
data. A. present

B. input

C. output

D. store

Answer: B

After a picture has been taken with a digital camera and processed appropriately, the actual print of the picture is considered:

data.

output.

input.

the process.

Answer: B

16. Computers use the _____ language to process data.

processing

kilobyte

binary

representational

Answer: C

Computers process data into information by working exclusively

with: A. multimedia.

B. words.

C. characters.

D. numbers.

Answer: D

In the binary language each letter of the alphabet, each number and each special character is made up of a unique combination of:

eight bytes.

eight kilobytes.

eight characters.

eight bits.

Answer: D

19. The term bit is short for:

megabyte.

binary language.

binary digit.

binary number.

Answer: C

20. A string of eight 0s and 1s is called a:

megabyte.

byte.

kilobyte.

gigabyte.

Answer: B

Who is credited with the creation of

WWW Answer : Tim Berners-Lee

25.The function of key F4 is

Ans : To repeat the last action

26.The function of key F4 is

Ans : To repeat the last action

27. The 0 and 1 in the binary numbering system are called binary digits or …….

(a) bytes (b) kilobytes (c) decimal bytes (d) bits (e) nibbles

Ans (D)

28. A monitor's …… is the distance between the holes in the mask behind the screen. This helps determine how sharp the dots appear.

   refresh rate (b) dot pitch (c) resolution

   colour   depth   (e)   None   of   the

above Ans (B)

29. A directly accessible appointment calendar is a feature of a ……. resident package.

   CPU (b) memory (c) Buffer (d) ALU (e) None of the

above Ans (B)

30. Perforated paper used as input or output media is known as

   Paper tape (b) Magnetic tape (c) Punched paper tape

   Card punch (e) None of the above

Ans (A)

31. The invention of the slide rule is attributed to

   Babbage (b) Oughtred (c) Pascal

   Napier   (e)   None   of   the

above Ans (B)

32. Which of the following is not an advantage of magnetic disk storage.

   The access time of magnetic disk is much less than that of magnetic tape

   Disk storage is longer lasting than magnetic tape

   Disk storage is less expensive than tape storage

   All of the above

   None of the above

Ans (e)

33. The memory sizes in mainframe computers and advanced technology micro computer are expressed as

(a) Bytes (b) Kilo-bytes (c) Bits

   Megabytes (e) None of the above

Ans (d)

34. A prefix for billion which is equal to …. is called as billi.

   100 (b) 10000 (c) 1000 (d) 10 (e) None of the

above Ans (d)

35. Each model of a computer has a unique

   Assembly language (b) Machine language

   High level language (d) All of the above

   None of the above

Ans (b)

36. One kilobyte = ____ byte.

(a) 1250 (b) 2088 (c) 1024 (d) 1000

Ans (c)

   Which of the following circuit is used as a 'Memory device' in computers?

(a)   Rectifier   (b)   Flip-Flop   (c)   Comparator   (d)

Attenuator Ans (b)

   To move the cursor to the end of the document press

Ans : Ctrl + End

In Word Processing the red underline

indicates Ans : Spelling mistakes

The shortcut key to print documents is

Ans : Ctrl + P

41. First layer in the OSI reference model is

Data link (b) Network (c) Physical (d) Application

Ans (c)

42. Viruses, Trojan horses and Worms are

able to harm computer system

unable to detect if affected on computer

user-friendly applications

harmless   applications   resident   on

computer Ans (a)

43. Program threats are

Trap doors (b) Trojan horse (c) Both (a) & (b

Ans (b)

44. Failure of passwords security due to exposure can result from

Electronic monitoring (b) Visual (c) Both (a) &

(b) Ans (c)

45. Data security threats include

Hardware failure (b) Privacy invasion

Fraudulent manipulation of data (d) All of the above

Ans (b)

The bar which displays information about the current page number

is Ans : Status bar

Graphical pictures that represent an object like file, folder etc. are

(a) Task bar (b) Windows (c) Desktop (d)

Icons Ans (d)

Who invented the super-computer?

(a) P.T Farnsworth (b) J.R Whinfield

(c) J.H. Van Tassell (d) Charles Ginsberg

Ans (c)

Accessing records from a file directly without searching from the beginning of the file is

(a) Time sharing (b) Random

(c) Direct access (d) Access time (e) None of the above

Ans (c)

Time during which a job is processed by the computer is

(a) Delay time (b) Real time (c) Execution time

(d) Down time (e) None of the above

Ans (c)

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In 1998 IBM made quantum computer

Super computers uses parallel processing

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Mark-1, Apple-1, and collossus were initial desktop computers.
Binary digits are briefed as bit.
A collection of bits is called byte.
The first home computer (1977), which was sold in millions of units was Apple II.
'PARAM' is a supercomputer.
Father of the Computer.. Charles Babbage
What does CMOS stand for in a computer- Complementary metal Oxide semi-conductor

Computer Science MCQs Practice Test

Intel stands for ?

SELECT APPROPRIATE ANSWER FROM FOLLOWING

intermediate language
international telephone
integrated electronics
intermediate electronics

In Microsoft windows key F1 is mostly used for

SELECT APPROPRIATE ANSWER FROM FOLLOWING

Help
Save
New
Exit

$(10111)_2 = (?)_{10}$

SELECT APPROPRIATE ANSWER FROM FOLLOWING

23
50
24
89

Which one of the following is not an Object oriented programming language

SELECT APPROPRIATE ANSWER FROM FOLLOWING
PHP
C#
JAVA
C

Physical components of computer are called

SELECT APPROPRIATE ANSWER FROM FOLLOWING

software
hardware
database
terminals

RAM is also known as

SELECT APPROPRIATE ANSWER FROM FOLLOWING

volatile memory
register memory
seconday memory
cache memory

JPG stands for ?

SELECT APPROPRIATE ANSWER FROM FOLLOWING
Joint Photography
Journal Photography
Journal Photo Experts Group
Joint Photographic Experts Group

UNICODE is an example of

SELECT APPROPRIATE ANSWER FROM FOLLOWING

character encoding set
driver
software
database

FF is example of

SELECT APPROPRIATE ANSWER FROM FOLLOWING

Octal number system
Binary Number System
Decimal Number System
Hexadecimal number system

The base of binary language is

SELECT APPROPRIATE ANSWER FROM FOLLOWING
2
4
8
16

Emails are sent with the help of ?

SELECT APPROPRIATE ANSWER FROM FOLLOWING
SMTP
FTP
HTTP
UDP

A plotter is an

SELECT APPROPRIATE ANSWER FROM FOLLOWING

a storage device
an input device
a software
an output device

SATA standers for ?

SELECT APPROPRIATE ANSWER FROM FOLLOWING
Sequential Advanced Technology Attachment
Serial Advanced Technology Attachment
Serial Automatic Technology Attachment
Super Advanced Technology Attachment

If you have an image with 2 colors , what image format should be used to get minimum file size

SELECT APPROPRIATE ANSWER FROM FOLLOWING
GIF
PNG
TIFF
BMP

The main components of a computer system are

SELECT APPROPRIATE ANSWER FROM FOLLOWING
TAP, CPU, Printer
CPU, Input device
CPU, ALU, CU
CPU , Output device , Memory unit, Control unit

Which image format supports transparency in images

SELECT APPROPRIATE ANSWER FROM FOLLOWING
PNG
GIF
JPG
A & B

Computer Science Lecturer Test Important Topics For Exam

For Computer Science Lecturer Test you should revise the following concepts of all major subjects:

Data Structure [Concepts, FIFO, LIFO, Link List, Binary tree, Graph, Nodes, etc]

Computer Architecture [Basic concepts,Instruction set, Addressing modes, I/O Intrusts Handlers, Registers, FF, Operation Codes, etc]

Database [Concepts, DBMSs, Logical DB, Security, Integrity, SQL, etc]

Operation System [Introduction, Process Management, Deadlock, Memory Management, Cache, Disk Errors, IRQ, Addressing modes, Virtual Memory etc]

Networks [OSI Model, Standards, Topologies, LAN,WAN, MAN, RING, STAR, BUS, ROUTER, HUB, Modem, Full Duplex, Half Duplex, Encoding, Decoding, Asynchronous, Synchronous modes etc]

Data Communication [Basics, Modes, Multiplexing, DeMux]

Object Oriented Programing [Concepts, Polymorphism, Inheritance, Encapsulation, Data Hiding etc) , and c++ basic, GUI functions, Strings etc]

Computer Science Mcqs For PSC Exams

Which perform modulation and Demodulation: (Modem NIC Hub Bridge).
Output of 7.5%3 in C is: (1 .5, .5, No output, Error)
Transition in Process state may be: (ready running block, Block ready suspend, two option missing, perhaps correct one as well)
Computer can not load files if not present: (loader, Operating System, Assembler, compiler)
Multiplexing involve which technique (serial, parallel, Both, None)
Front end processor may called: (Sorry forget the option),
6110 in binary. (there were many Numbers in 8 bits which logical incorrect. 1 byte can't this number so correct answer was none of these)
Which tell the computer to do a job: (Op code, Flip Flop, Buses, Address)
The And gate which perform both Positive and Negative operation is (Nand, Nor)
Which is most suitable answer if a company wants to extend its LAN by connecting its Dept of Production lies in suburbs of the company: (Modem, wire, Router, Switch/Hub)?
The technique which help the computer in pattern recognition. (Sorry not remember).

A question was about Registers. I recalled my memory but couldn't.
DBMS provide access to its users via (query language, SQL, C,)
AI programming with (Forton, Basic, Prolog, Assembly)
Which java file support GUI. (swing, IO, Lang)

Computer Science Mcqs For Public Service Commission Exams

1. Which of the following best describes "virtual memory"?

A portion of the hard disk considered as RAM.
Extended memory on the secondary storage that is used whenever physical memory is full .
The abstraction of separating logical memory – memory as seen by the process – from physical memory – memory as seen ny the processor.
It is the page file in Windows folder.
None of these.

2. The 'cmp' instruction modifies the:

Instruction register.
Flags register.
Segment register.
None of these.

3. Consider the following page reference string:
1,2,3,4,2,1,5,6,2,1,2,3,7,6,3,2,1,. Assuming there are 4 page framess available and that all frames are initially empty, what is the total number of page faults that would occur for the page reference string above if the least-recently-used (LRU) replacement policy is used?

6
9
10
11
None of these

4. The Banker's algorithm is used to _____

Rectify deadlock
Detect deadlock
Prevent deadlock
Avoid deadlock
None of these

5. The necessary conditions needed before deadlock can occur are _____.

No Mutual Exclusion, Hold and wait, Preemption, Circular Wait.
Mutual Exclusion, No Hold and wait, Preemption, Circular Wait.
Mutual Exclusion, Hold and wait, No Preemption, Circular Wait.
Mutual Exclusion, Hold and wait, Preemption, No Circular Wait.

6. Differences between data lick layer and transport layer error detection is that:

a. Data link detects transmission errors while transport layer detects segmentation
faults. b. Data link detects node-to-node errors while transport layer detects end-to-end
errors. c. Data link detects end-to-end errors while transport layer detects node-to-node
errors d. Data link detects segmentation errors while transport layer detects bit error.
e. None of theses

7. Phase Shift Keying (PSK) method is used to modulate digital signals at 9600bps using 16 levels.
The line signals speed (i.e. modulation rate) will be:

1200 bands
2400 bands
4800 bands
9600 bands
None of these

8. Exception handling is a powerful tenchnique that separates error-handling code from _____ code

Buggy
Faulty
Normal
Exceptional
None of these

9. When a subroutine is called, the address of the instruction following the CALL instructions stored
in/on the:

Stack pointer
Accumulator
Programs counter
Stack
None of these

10. Binary tree "preorder" traversal is defined recursively as follows:

Traverse left subtree, visit the root, traverse right subtree
Traverse right subtree, visit the root, traverse left subtree
Visit the root, traverse left subtree, traverse right subtree
traverse left subtree, traverse right subtree, visit the root
None of these

11. What value will return to the operating system upon the successful completion of a program?

a. -1
b. 1
c. 0
d. None of these

12. Which of the following is TRUE about given UML diagram?

a. Checking Accound is a generalization of Saving Account
b. Bank Account is composition of Checking Account and Saving Account
c. Saving Account can process Check
d. Checking Account has a balance?
e. None of theses

13. The advantages of creating a prototype are:

a. It allows developers to experiment with number of different design options. b.
It can serve as means of communication between developers and customers. c.
It is better than water fall model
d. Both a and b
e. None of these

14. Choose the correct statement:

a. Testing can show the presence of bugs but never their
absence b. Testing can always find all the bugs
c. Testing can always be exhaustive
d. If we test enough then we can find all of the bugs
e. None of these

15. Which of the following operations need the participating relations to be union compatible?

a. UNION
b. INTERSECTION
c. DIFFERENCE d.
All of these
e. None of these

16. The language used in application programs to request data from the DBMA is reffered to as the:

a. DML
b. DDL
c. VDL
d. SDL
e. None of these

17. What is the correct XHTML for a paragraph?

<P></p>
<P></P>
<p></p>
</p><p>
None of these

18. Which of the follwoing HTML form method is suitable when you need to send larger form submission?

Get
Post
Both Get and Post
Ajax
None of these

19. (2,4) is a point on a circle that has senter at the origion. Which of the follwoing points are also on circle?

(2,-4)
(-2,4)
(4,-2)
All of the above
None of these

20. In Bresenham's algorithm, while generating a circle, it is easy to generate?

One octant first and other by successive reflection
One octant first and other by successive rotation
One octant first and other by successive translation
All octants
None of these.

Computer Science Important PC Shortcut Keys

System
CTRL+A. . . . . Select All
CTRL+C. . . . . Copy
CTRL+X. . . . . Cut
CTRL+V. . . . . Paste
CTRL+Z. . . . . Undo
CTRL+B. . . . . Bold
CTRL+U. . . . . Underline
CTRL+I . . . . Italic
F1 . . . . Help
F2 . . . . Rename selected object
F3 . . . . Find all files

F4 . . . . Opens file list drop-down in dialogs
F5 . . . . Refresh current window
F6 . . . . Shifts focus in Windows Explorer
F10 . . . . Activates menu bar options
ALT+TAB . . . . Cycles between open applications
ALT+F4 . . . . Quit program, close current window
ALT+F6 . . . . Switch between current program
windows ALT+ENTER. . . . . Opens properties dialog
ALT+SPACE . . . . System menu for current window
ALT+¢ . . . . opens drop-down lists in dialog
boxes BACKSPACE . . . . Switch to parent folder
CTRL+ESC . . . . Opens Start menu
CTRL+ALT+DEL . . . . Opens task manager, reboots the
computer CTRL+TAB . . . . Move through property tabs
CTRL+SHIFT+DRAG . . . . Create shortcut (also right-click, drag)
CTRL+DRAG . . . . Copy File
ESC . . . . Cancel last function
SHIFT . . . . Press/hold SHIFT, insert CD-ROM to bypass auto-play
SHIFT+DRAG . . . . Move file
SHIFT+F10. . . . . Opens context menu (same as right-click)
SHIFT+DELETE . . . . Full wipe delete (bypasses ecycle Bin)
ALT+underlined letter . . . . Opens the corresponding menu
PC Keyboard Shortcuts
Document Cursor Controls
HOME . . . . to beginning of line or far left of field or
screen END . . . . to end of line, or far right of field or
screen CTRL+HOME . . . . to the top
CTRL+END . . . . to the bottom
PAGE UP . . . . moves document or dialog box up one page
PAGE DOWN . . . . moves document or dialog down one page
ARROW KEYS . . . . move focus in documents, dialogs, etc.
CTRL+ > . . . . next word
CTRL+SHIFT+ > . . . . . . selects word
Windows Explorer Tree Control
Numeric Keypad * . . . Expand all under current selection
Numeric Keypad + . . . Expands current selection
Numeric Keypad – . . . Collapses current selection
¦ . . . . Expand current selection or go to first child
‰ . . . . Collapse current selection or go to parent
Special Characters
' Opening single quote . . . alt 0145 '
Closing single quote . . . . alt 0146 "
Opening double quote . . . alt 0147 "
Closing double quote. . . . alt 0148
– En dash. . . . . alt 0150
— Em dash . . . . alt 0151
… Ellipsis. . . . . alt 0133
• Bullet . . . . alt 0149
® Registration Mark . . . . alt 0174
© Copyright . . . . alt 0169
™ Trademark . . . . alt 0153
° Degree symbol. . . . . alt 0176
¢ Cent sign . . . . alt 0162

IMPORTANT SHORTKEYS OF COMPUTER

File menu options in current program
Alt + E Edit options in current program
F1 Universal help (for all programs)
Ctrl + A Select all text
Ctrl + X Cut selected item
Shift + Del Cut selected item
Ctrl + C Copy selected item
Ctrl + Ins Copy selected item
Ctrl + V Paste
Shift + Ins Paste
Home Go to beginning of current line
Ctrl + Home Go to beginning of
document End Go to end of current line
Ctrl + End Go to end of document
Shift + Home Highlight from current position to beginning of line
Shift + End Highlight from current position to end of line
Ctrl + f Move one word to the left at a time
Ctrl + g Move one word to the right at a time
MICROSOFT® WINDOWS® SHORTCUT KEYS
Alt + Tab Switch between open applications
Alt +
Shift + Tab
Switch backwards between open
applications
Alt + Print
Screen
Create screen shot for current program
Ctrl + Alt + Del Reboot/Windows® task manager
Ctrl + Esc Bring up start menu
Alt + Esc Switch between applications on taskbar
F2 Rename selected icon
F3 Start find from desktop
F4 Open the drive selection when browsing
F5 Refresh contents
Alt + F4 Close current open
program Ctrl + F4 Close window in
program Ctrl + Plus
Key
Automatically adjust widths of all
columns in Windows Explorer
Alt + Enter Open properties window of selected icon

or program
Shift + F10 Simulate right-click on selected item
Shift + Del Delete programs/files permanently
Holding Shift
During Bootup
Boot safe mode or bypass system files
Holding Shift
During Bootup
When putting in an audio CD, will prevent
CD Player from playing
WINKEY SHORTCUTS
WINKEY + D Bring desktop to the top of other windows
WINKEY + M Minimize all windows
WINKEY +
SHIFT + M
Undo the minimize done by WINKEY +
M and WINKEY + D
WINKEY + E Open Microsoft Explorer
WINKEY + Tab Cycle through open programs on taskbar
WINKEY + F Display the Windows® Search/Find feature
WINKEY +
CTRL + F
Display the search for computers window
WINKEY + F1 Display the Microsoft® Windows® help
WINKEY + R Open the run window
WINKEY +
Pause /Break
Open the system properties window
WINKEY + U Open utility manager
WINKEY + L Lock the computer (Windows XP® & later)
OUTLOOK® SHORTCUT
KEYS Alt + S Send the email
Ctrl + C Copy selected text
Ctrl + X Cut selected text Ctrl
+ P Open print dialog box
Ctrl + K Complete name/email typed in address bar
Ctrl + B Bold highlighted selection
Ctrl + I Italicize highlighted selection
Ctrl + U Underline highlighted selection
Ctrl + R Reply to an email
Ctrl + F Forward an email
Ctrl + N Create a new email
Ctrl + Shift + A Create a new appointment to your calendar
Ctrl + Shift + O Open the outbox
Ctrl + Shift + I Open the inbox
Ctrl + Shift + K Add a new task
Ctrl + Shift + C Create a new contact
Ctrl + Shift+ J Create a new journal entry
WORD® SHORTCUT KEYS
Ctrl + A Select all contents of the page
Ctrl + B Bold highlighted selection Ctrl
+ C Copy selected text
Ctrl + X Cut selected text

Ctrl + N Open new/blank document
Ctrl + O Open options
Ctrl + P Open the print window
Ctrl + F Open find box
Ctrl + I Italicize highlighted
selection Ctrl + K Insert link
Ctrl + U Underline highlighted selection
Ctrl + V Paste
Ctrl + Y Redo the last action performed
Ctrl + Z Undo last action
Ctrl + G Find and replace options
Ctrl + H Find and replace options
Ctrl + J Justify paragraph alignment
Ctrl + L Align selected text or line to the left
Ctrl + Q Align selected paragraph to the left
Ctrl + E Align selected text or line to the
center Ctrl + R Align selected text or line to
the right Ctrl + M Indent the paragraph
Ctrl + T Hanging indent
Ctrl + D Font options
Ctrl + Shift + F Change the font
Ctrl + Shift + > Increase selected font +1
Ctrl +] Increase selected font +1
Ctrl + Shift + < Decrease selected font -1
Ctrl + [Decrease selected font -1
Ctrl + Shift + * View or hide non printing characters
Ctrl + f Move one word to the left
Ctrl + g Move one word to the right
Ctrl + h Move to beginning of the line or paragraph
Ctrl + i Move to the end of the paragraph
Ctrl + Del Delete word to right of cursor
Ctrl + Backspace Delete word to left of cursor
Ctrl + End Move cursor to end of document
Ctrl + Home Move cursor to beginning of document
Ctrl + Space Reset highlighted text to default font
Ctrl + 1 Single-space lines
Ctrl + 2 Double-space lines
Ctrl + 5 1.5-line spacing
Ctrl + Alt + 1 Change text to heading 1
Ctrl + Alt + 2 Change text to heading 2
Ctrl + Alt + 3 Change text to heading 3
F1 Open help
Shift + F3 Change case of selected text
Shift + Insert Paste
F4 Repeat last action performed (Word 2000+)
F7 Spell check selected text and/or document
Shift + F7 Activate the thesaurus
F12 Save as
Ctrl + S Save
Shift + F12 Save
Alt + Shift + D Insert the current date
Alt + Shift + T Insert the current time
Ctrl + W Close document

Computer Science Trends And Technologies MCQs

What hides your identity from the Web sites you visit?
Web log
Click stream
An anonymous Web browsing service
None of the above

_____

In which file the compiler manage the various objects, which are used in windows programming ?
Control File
Binary File
Text File
Obj File

_____

E-commerce infrastructure involves
Web servers
E-catalogs
Network
All of these

_____

Which type of application is built by app wizard in MFC?
SDI
MDI
Dialog
All of these

_____

Which of the following programs can use key logger software?
E-mail
Instant messages
Applications
All of the above

_____

M-Commerce" refers to
a myth which does not exist in reality
the ability of business to reach potential customers wherever they arE
the ability to have large capacity of memory storage dealing trade and commerce
None of the above

_____

_____
What component of .NET includes services used to support web services?
Platform
Framework
Visual Studio
System

_____

_____
MFC stands for
Microsoft File Class
Microsoft Foundation
Class Microsoft Form
Class None of the above

_____

_____
Which of the following is a dilemma faced by businesses today?
Customers want businesses to know them, but want to be left alone
Customers want businesses to provide what they want, but do not want businesses to monitor
their habits and preferences
Customers do not like ads but want to know what services and products are available
All of the above

_____

_____
Which infrastructure includes application servers, data servers, and clients?
Client/server
Thin Client
2-tier infrastructure
3-tier infrastructure

_____

_____
Which of the following is false concerning Enterprise Resource Planning (ERP) ?
It attempts to automate and integrate the majority of business processes.
It shares common data and practices across the
enterprise It is inexpensive to implement.
It provides and access information in a real-time environment.

_____

_____
What is it called when IT specialists within your organization develop the systems?
Insourcing
Selfsourcing
Outsourcing All
of the above

_____

_____
What is the unauthorized use, duplication, distribution or sale of copyrighted software?
Fair Use Doctrine
Pirated software
Counterfeit software
Privacy

_____

_____
At any given time Parallel Virtual Machine (PVM) has _____ send buffer and _____
receive buffer.
one-one
one-two
two-two
two-one

_____

_____
Which is the most valuable electronic commerce to the individual customer in long run ?
Business to Customer
Business to Business
Customer to Customer
None of the above

_____

_____
The Linker allows access for LIB. files for
Runtime
Source code
Execution
All of these

_____

_____
Which segment is eBay an example?
B2B
C2B
C2C
None of the above

_____

_____
What is an electronic representation of
cash? Digital cash
Electronic
cash E-cash
All of the above

_____

_____
The best products to sell in B2C e-commerce
are Small products
Digital products
Specialty products
Fresh products

_____

_____
Telnet is a
Network of telephones
Television network
Remote login
None of these

_____

_____
One of the distinguished features of super-computer over other category of computer is
parallel processing
highest accuracy
level more speed
more capacity

_____

_____
Which is used to connect messages sent to a program along with functions meant for handling such messages?
Message queue
Message handler
Message map
Windows procedure

_____

_____
Organizations with both physical and online presences are referred to as what?
Multi-presence organizations
Dual-presence companies
Click-and-mortar
All of the above

_____

_____
The idea of MFC document architecture was created by
Microsoft
Oracle
Xerox
IBM

_____

_____
LDAP stands for
Light weight Data Access Protocol
Light weight Directory Access
Protocol Large Data Access Protocol
Large Directory Access Protocol

_____

_____
Which of the following is not one of the four primary focuses of e-government? G2G
G2B
IG2B
IG2G

_____

_____
Cookies are used to do which of the following?
Store your ID and password for subsequent logons to the site
Store contents of electronic shopping carts
To track web activity
All of the above and more

_____

_____
Which of the following applies to the implementation of an idea?
Copyright
Intellectual property
Patent Denial-of-
service attack

_____

_____
What is the meaning of 'Hibernate' in Windows XP/Windows 7
? Restart the computers in safe mode
Restart the computers in normal mode.
Shutdown the computer terminating all the running applications.
Shutdown the computer without closing the running applications.

_____

_____
A document supports_____view.
One
One or more
Two
None of these

_____

_____

External data is stored in the
Customer file
Forecast allocation file
Market forecast file
All of these

_____

_____
Electronic credit card can be
Unencrypter form only
Encrypter form only
Both A and C
None of these

_____

_____
_____is not a category of EPS.
E banking
Direct payments
Retailing payments
Cash on delivery

_____

_____
A technique used to gain personal information for the purpose of identity theft, often by e-mail, is
called?
Phishing
Carding Brand
spoofing All of
the above

_____

_____
The trend to outsource IT functions to other countries is termed
Foreign outsourcing
Offshore outsourcing
External outsourcing
Outer outsourcing

_____

_____
EPS is needed
because Inexpensive
Global breakthrough
Fast and secure
All of these

_____

_____
Which class is used to control the data being used by application?

Document class
View class
Frame class
Application class

_____

_____
Sales figures in the market forecast file are updated by
the Market research procedure
Sales analysis procedures
Sales forecasting
All of the above

_____

_____
A honey pot is an example of what type of
software? Encryption
Security-auditing
Virus Intrusion-
detection

_____

_____
Which of the following describes e-
commerce? Buying products from each other
Buying services from each other
Selling services from each other
All of the above

_____

_____
What are plastic cards the size of a credit card that contains an embedded chip on which digital
information can be stored?
Customer relationship management systems cards
E-government identity cards
FEDI cards
Smart cards

_____

_____
_____ is not an E-Commerce application.
House banking
Buying stocks
Conducting an auction
Evaluating an employee

_____

_____
The programming that provides complex solution uses
MFC

API
GUI
None of these

_____

_____
Enterprise Resource Planning (ERP)
has existed for over a decade
does not integrate well with the functional areas other than operations
is inexpensive to implement
automate and integrates the majority of business processes

_____

_____
A clustering technique that permits a convenient graphical display
is partition based clustering
probabilistic model based clustering
hierarchical clustering
agglomerative clustering

_____

_____
To compare, overlay or cross analyze to maps in GIS
both maps must be in digital form
both maps must be at the same equivalent scale.
both maps must be on the same coordinate
system All of the above

_____

_____
The mercantile process model consists of the following phases
The pre-purchase phase
Purchase consummation phase
Post-purchase   Interaction
phase All of the above

_____

_____
What is the electronic commerce activities performed between a government and its business
partners for such purposes as purchasing direct and indirect materials, soliciting bids for work,
and accepting bids for work?
G2G
G2B
G2C
IG2G

_____

_____
_____ is sometimes said to be object oriented, because the only way to manipulate kernel objects
is by invoking methods on their handles.

Windows NT
Windows XP
Windows VISTA
Windows 95/98

_____
_____

What is a workstation with a small amount of processing power and costs less than a full powered workstation?
Client/server network
Intranet
Extranet
Thin client

Computer Science Solved Mcqs

To locate a data item for storage
is d. Fetch
programs designed to perform specific tasks is known as
b. application software
perforated paper used as input of output media is known as
a. paper tapes
Time during which a job is processed by the computer
is c. Execution time
a computer which CPU speed around 100 million instruction per second and with the word length of around 64 bits is known as
a. Super computer
An approach that permits the computer to work on several programs instead of one is
c. Over lapped processing
7. A directly accessible appointment calendar is feature of a … resident package
b. Memory
8. The term gigabyte refers to
c. 1024 megabytes
9. Which of the following processors use RISC
technology? b. Power PC
10. A/n …. Device is any device that provides information, which is sent to the
CPU a. Input
11. Current SIMMs have either … or … connectors (pins)
d. 30 or 72
The storage subsystem in a microcomputer consists mainly of … or … media with varying capacities
b. Magnetic or optical
Which of the following is not an input device?
d. COM (Computer Output to Microfilm)
14. The central processing unit (CPU) consists of
c. Control unit, arithmetic-logic unit and primary storage
EBCDIC can code up to how many different characters?
a. 256
Which is considered a direct entry input device?
d. All of the above
17. Which is used for manufacturing chips?

c. Semiconductors
    The computer code for the interchange of information between terminals
is a. ASCII
    A byte consists of
c. Eight bits
20. A hybrid computer
c. Resembles both a digital and analog computer

Computer Mcqs For Lecturer & Subject Specialist And Other PSC Exams

Which of the following is not a Programming language?
A. Basic
B. FORTRAN
C. LASER
D. PASCAL
E. All are programming languages
Answer is = C

The technical term not related to computer systems
Virus
Winchester Disk
Mouse
D.FIFO System
Answer is = D

FoxPro is
A. A medicine
B. a disease
C. a Computer Language
D. a animal
Answer is = C

Super Computer was invested
by A. J.H. Van Tassel
B. J.C Perrier C.
W.L Judson D.
A.J. garnering
Answer is = A

Which of the following terms in not associated with computers?
A. Frank land reaction
B. Data base
C. Binary
D. Windows
Answer is = A

The special files of DOS are
A. COM
B.EXE
C.BATCH
D. All of these

Answer is = D

"Binary Codes" as used in computer sciences are codes made up of witch of the following two numbers?
A.0 and 9
B.1 and 3
C.0 and 1
D.9 and 1

Answer is = C

Bill Gates is more well-known as
The CEO of apple Macintosh
The CEO of IBM
The owner of Microsoft Corporation
The inventor of the personal computer

Answer is = C

Which of the following is the unit to express the memory of a computer? A. Compiler
B. Bus
C. Byte
D. Clone
E. CAD

Answer is = C

Which one of the following characteristics is absent in a computer, however sophisticated it may be?
A. High speed
B. Intelligence
C. Accuracy
D. Perfect Memory

Answer is = B

Computer Science Mcqs For PCS & CSS Exams

(i) When all access and processing is done in one location, a computer system is said to be
networked
distributed
centralized
linked

(ii) Tools to change PROM chips, called
    chip kits
    RAM burners
    PROM burners
    none of
these

(iii) The type of modulation that changes the height of the single is called (a) frequency
    phase
    amplitude
    prophase

    A connection for similar network:
(a) satellite
(b) bridge
(c) gateway
(d) fax

    The technology whereby part of the program is stored on disk and is brought into memory for execution as needed is called
(a) memory allocation
(b) virtual storage
(c) interrupts
(d) prioritized memory

6) The processor's components are synchronized by:
    Instructions
    Data
    Information
    Clock pulses

Ans. (d)
7) External devices are linked to a small computer system through:
    Channels
    Control units
    Plugs
    interfaces

Ans. (d)
8) Data on disk are recorded on a series of concentric circle called:
    Sectors
    Cylinders
    Blocks
    Tracks

Ans. (d)
9) The simplest data structure is a:
    File
    List

    Record
    Array

Ans. (d)

10) Several computers linked by communication lines for a:
    Network
    Distributed system
    Time share system
    Ring

Ans. (a)

11) What is Fast Ethernet?
     How do you add a workstation to the domain?
     What is the draw back of Array implementation of Collection?
     Briefly write the procedure for Binary Search.
     Conceptually what happens in a DBMS?
     Briefly describe ROM – BIOS.
     How do you define PORTS? Name different types of ports.
     What is Password? Where and how will you use it?
     How do viruses infect PCs?
     Briefly describe Data Transmission Modes

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1-object (also called _____) is a common data type that includes photograph, audio, vedio, or a document in other applications.
(a) Number (b) BLOB (c) Integer (d) binary (e) none of these

2. in database, a(n) _____ field is a group of related fields.
(a) Table (b) Key (c) Record (d) Primery field (e) Non of these

    In a database, a(n) _____ field is a field that uniquely identifies each record in a file.
(a) Main (b) Identifying (c) Master (d) Key (e) none of these

    If a lowest annual fee at a discount wherehouse is Rs.2025 and the highest is Rs.5550, a(n)_____ on annual fee field ensure it is a value between Rs.2025 and Rs.5550.
(a) Range Check (b) compelteness check (c) consistency Check (d) alphabetic/numeric check (e) none of these

    A DBMS uses the _____ to perform validation checks.
(a) Data Server (b) data smart (c) data wherehouse (d) data dictionary (e) none of these

_____ is a network technology that defines how messages are routed from one end of a network to other, ensuring the datat arrives correctly by dividing it into packets.
(a) HTML (b) XML (c) HTTP (d) TCP/IP (e) none of these

When a computer sends data over the internet, the data is divided into small pieces , or _____
(a) Bundles (b) packets (c) slices (d) baskets (e) none of these

The amount of data, instructions and information that can travel over a communication channel somtimes is called _____
(a) broadband (b) baseband (c) latency (d) bandwidth (e) none of these

fiber optic cables have all of the following advantages over cables that used wire except _____
(a) lower costs & easier installation and modification
(b) Faster data transmission & smaller size
(c) Less susceptible to noise from other divices
(d) Better security for signals during transmission
(e) none of these

A_____ is a network that connects compter and divices in a limited geographical area, such as home, school computer laboratory , or office building
(a) LAN (b) MAN (c) WAN (d) VAN (e) none of these

with _____ memory , the operating system allocates a portion of storage medium, usually the hard disk , to function as additional RAM
(a) Virtual (b) performance (c) device (d) Manged (e) none of these

If a new a device such as printer or scanner is attached to a computer, its _____ must be installed before the divice can be used
(a) Driver (b) platform (c) manager (d) kernel (e) none of these

A _____ is an icon on the desktop that provides a user with immediate access to a program or file.
(a) kernel (b) spooler (c) buffer (d) Shortcut (e) none of these

_____ a disk or reorgnizing it so the files are stored in contiguous sectors, speeds up disk access and thus performance of entire computer .
(a) Formating (b) Defregmenting (c) Spooling (d) compressing (e) none of these

the term cmputer _____ discribes potentially damging computer program that affects or infects a computer by altering the way the compter works without the users knowledge or permission .
(a) Hot spot (b) File compression Utillty (c) Virus (d) File conversion Utillity (e) none of these

In a diagram (a DFD diagram was given) _____ shows the input and output of information into or out from a prosses .
(a) Use Case (b) Data Flow (c) entity relationship (d) Class Diagram (e) none of these

Although used in all types of bussiness modeling the _____ has been adopted as a standard notation for object modeling.
(a) UML (b) CASE Tool (c) USE CASE Diagram (d) EMR (not sure) (e) none of these

For each input and output, a systems analyst tipicaly develops _____ which is a sample of the input or output and contains actual data.
(a) adoption (b) prototype (c) Mockup (d) feasibility Scheme (e) none of these

_____ is a working modle of propesed system .
(a0 Adoption (b) feasibilty Scheme (c) Mockup (d) Prototype (e) none of these

20. A unit test _____
   verifies that each individule program works by itself
   verifies that all programs in an application work togather properly
   verifies that an application works with other applications
   is performed by end-users and verifies that the new system works with actual data
   none of these

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Q.1. Select the best option/answer and fill in the appropriate box on the Answer Sheet. (20)

(i) AX register is also known as:
   Accumulator
   Collector
   Distributor
   Counter
   None of these

(ii) In the Base + Offset addressing, Offset address is also known as:
   Physical Address
   Logical Address
   Actual Address
   Instruction Address
   None of these

(iii) The technique for allowing a unit to check the status of another independently function unit is known as?
   Interrupt
   System call
   Polling
   Trape
   None of these

(iv) The method for storing data temporarily such that the input-output of the same job is overlapped with its own processing, is known as:

Spooling
Contention
I/O wait
Buffering
None of these

(v) The DMA that uses Busses when CPU is not using them is termed as:
Shared DMA
Cycle Stealing
Channel
Transparent DMA
None of these

_____ Scheduler deals with the decision as to whether to admit another new job to the system.
(a) High Level
(b) Medium Level
(c) Low Level
(d) Short term
(e) None of these

When the process is in the states of Blocked Suspended or Ready Suspended, its relevant data is
stored in:
(a) Main Memory
(b) Hard Disk
(c) Magnetic Tape
(d) Buffer
(e) None of these

Priority, P = (Time Waiting + Run Time) / Run Time is used to calculate priority in _____ scheduling algorithm:
(a) Shortest Job First
(b) Priority Scheduling
(c) Longest Wait First
(d) Highest Response Ratio Next
(e) None of these

HDLC Protocol stands for:
High-Level Data Link Control
High Level Development Protocol
Huge Level Data Link Control
High Development Level Control
None of these

(x) _____ is the generic name for a set of standards issued by the International CommunicationsStandards Body CCITT, designed to support Message Handling Systems; i.e. Electronic Mail.
TCP/IP
ISDN

X.400
X.25
None of these

_____ layer is responsible for the transfer of a packet of data along one link in the network. It organizes data into frames and detects errors in transmission.
(a) Physical Layer
(b) Data Link Layer
(c) Network Layer
(d) Transport Layer
(e) None of these

Encryption is the conversion of data in some intelligible format into an unintelligible format called _____ to prevent the data from being understood if read by an unauthorized party.
(a) Clear Text
(b) Encrypted Text
(c) Cipher Text
(d) Coded Text
(e) None of these

(xiii) Binary search requires about _____ comparisons with an initial list of 1,000,000 elements.
10
20
35
100
None of these

A _____ header list is a header list where the last node contains the null pointer.
(a) Grounded
(b) Circular
(c) One way
(d) Rooted
(e) None of these

_____ are small applications that are accessed on an internet server, transported over the internet, automatically installed and run as part of a web document.
(a) Applets
(b) Java Bean
(c) Sockets
(d) Java Component
(e) None of these

AWT stands for:
Abstract Window Technique
Abstract Window Toolkit
Actual Window Technique
Added Window Toolkit
None of these

GIF images can have only upto _____ colors.
(a) 128
(b) 256
(c) 512
(d) 1024
(e) None of these

_____ is stored on a client and contains state information of the website visited.
(a) Cookies
(b) Servelet
(c) History
(d) Resident Page
(e) None of these

In software Engineering KPA denotes.
Key Process Audit
Key Process Area
Key Process Analysis
Key Problem Area
None of these

(xx) The _____ Process Model defines a series of events that will trigger transitions from state to state for each of software engineering activities.
Spiral
Operational
RAD
Concurrent Development
None of these