

# IBPS COMPUTER KNOWLEDGE PAPERS WITH ANSWERS

## COMPUTER KNOWLEDGE PAPER - 1

- 1 The process by which computers manipulate data into information is called
  - 1) Programming
  - 2) Processing
  - 3) Storing
  - 4) Organising
  - 5) None of these
- 2 Errors in a computer program are referred to as
  - 1) Bugs
  - 2) Mistakes
  - 3) Item overlooked
  - 4) Blunders
  - 5) None
- 3 A computer's hard disk is
  - 1) an arithmetic and logical unit
  - 2) computer software
  - 3) an operating system
  - 4) computer hardware
  - 5) None of these
- 4 A compiler is used to translate a program written in
  - 1) a low level language
  - 2) computer software
  - 3) assembly language
  - 4) machine language
  - 5) None of these
- 5 In programming, you use the following keys
  - 1) Arrow keys
  - 2) Function keys
  - 3) Alpha keys
  - 4) page up & page down keys
  - 5) None of these
- 6 Nibble describes a combination of
  - 1) 5 bits
  - 2) 6 bits
  - 3) 7 bits
  - 4) 4 bits
  - 5) None
- 7 A byte consists of
  - 1) 9 bits
  - 2) 8 bits
  - 3) 7 bits
  - 4) 4 bits
  - 5) None
- 8 Memory in a PC is addressable through
  - 1) Bits
  - 2) Byte
  - 3) Nibble
  - 4) All
  - 5) None
- 9 The resolution of a monitor is measured in
  - 1) Megabits
  - 2) Hz
  - 3) Dots per inch(DPI)
  - 4) Inches (diagonal)
  - 5) None of these
- 10 Windows and Macintosh computers
  - 1) are both manufactured by Motorola
  - 2) both use Intel Microprocessors
  - 3) both use the same operating system
  - 4) are not compatible
  - 5) None of these
- 11 Arithmetic Operations
  - 1) involve matching one data item to another to determine if the first item is greater than, equal to, or less than the other item
  - 2) sort data items according to standard, predefined criteria in ascending order or descending order
  - 3) use conditions with operators such as AND, OR and NOT
  - 4) include addition, subtraction, multiplication division
  - 5) None of these
- 12 \_\_\_\_\_ software allows users to perform calculations on rows and columns of data
  - 1) word processing
  - 2) Presentation graphics
  - 3) Database Management systems
  - 4) Electronic Spreadsheet
  - 5) None of these
- 13 A \_\_\_\_\_ represents approximately one billion memory locations.
  - 1) kilobyte
  - 2) megabyte
  - 3) gigabyte
  - 4) terabyte
  - 5) None
- 14 \_\_\_\_\_ cells involves creating a single cell by combining two or more selected cells.
  - 1) Formatting
  - 2) Merging
  - 3) Embedding
  - 4) Splitting
  - 5) None
- 15 A data warehouse
  - 1) can be updated by the end users
  - 2) contains numerous naming conventions and formats
  - 3) is organised around important subject areas
  - 4) contains only current data
  - 5) None of these
- 16 \_\_\_\_\_ servers store and manage files for network users.
  - 1) Authentication
  - 2) Main
  - 3) Web
  - 4) File
  - 5) None of these
- 17 All of the following are examples of real security privacy risks, except
  - 1) hackers
  - 2) spam
  - 3) viruses
  - 4) identity theft
  - 5) None of these
- 18 An output device that uses words or messages recorded on a magnetic medium to produce audio response is
  - 1) Magnetic tape
  - 2) Voice response unit
  - 3) Voice recognition unit
  - 4) Voice band
  - 5) None of these
- 19 Which of the following will happen when data is entered into a memory location ?
  - 1) It will be added to the content of the location.
  - 2) It will change the address of the memory location
  - 3) It will erase the previous content.
  - 4) It will not be fruitful if there is already some data at the same location
  - 5) None of these

20 A storage area used to store data to compensate for the difference in speed at which the different units can handle data is

- 1) Memory
- 2) Buffer
- 3) Accumulator
- 4) Address
- 5) None

21 A terabyte consists of

- 1) 1024 gigabyte
- 2) 1024 kilobyte
- 3) 1024 megabyte
- 4) 1024 byte
- 5) None

22 Select the smallest memory size.

- 1) Terabyte
- 2) Gigabyte
- 3) Kilobyte
- 4) Megabyte
- 5) All

23 Ctrl, Shift and Alt are called \_\_\_\_\_ Keys.

- 1) Modifier
- 2) Function
- 3) Alphanumeric
- 4) Adjustment
- 5) None

24 What is the permanent memory built into your computer called ?

- 1) RAM
- 2) ROM
- 3) CPU
- 4) CD-ROM
- 5) None

25 The memory which is almost accessible to the processor

- 1) Cache memory
- 2) RAM
- 3) Hard Disk
- 4) Flash memory
- 5) None

26 CD-ROM is a kind of

- 1) Optical disk
- 2) Magneto-Optical disk
- 3) Magnetic disk
- 4) Magnetic disc
- 5) None

27 What type of device is a Computer Printer ?

- 1) Input
- 2) Output
- 3) Software
- 4) Storage
- 5) None

28 To move to the beginning of a line of text, press \_\_\_\_\_ key ?

- 1) Home
- 2) Ctrl
- 3) Space
- 4) Enter
- 5) None

29 For creating a document you use \_\_\_\_\_ command at file menu.

- 1) Open
- 2) Close
- 3) New
- 4) Save
- 5) None

30 The contents of \_\_\_\_\_ are lost when the computer is turned off.

- 1) input
- 2) output
- 3) memory
- 4) storage
- 5) None

31 Which of the following memories has the shortest access time ?

- 1) Cache memory
- 2) Magnetic bubble memory
- 3) Magnetic core memory
- 4) RAM
- 5) None

32 A 32 bit microprocessor has the word length equal to

- 1) 2 byte
- 2) 32 byte
- 3) 4 byte

33 \_\_\_\_\_ tags, when placed on an animal, can be used to record and track in a database all of the movements.

- 1) POS
- 2) RFID
- 3) PPS
- 4) GPS
- 5) None

34 A set of information that defines the status of resources allocated to a process is

- 1) Process control
- 2) ALU
- 3) Register Unit
- 4) Process description
- 5) None

35 Any method for controlling access to or use of memory is known as

- 1) Memory map
- 2) Memory protection
- 3) Memory management
- 4) Memory instruction
- 5) None of these

36 Software applies \_\_\_\_\_ also called as algorithms, to process data.

- 1) arithmetic
- 2) procedures
- 3) objects
- 4) rules
- 5) None of these

37 A file extension is separated from the main file a(n) \_\_\_\_\_, but no spaces.

- 1) question mark
- 2) exclamation mark
- 3) underscore
- 4) period
- 5) None of these

38 An ad hoc query is a

- 1) pre-planned question
- 2) pre-scheduled question
- 3) spur-of-the-moment question
- 4) question that will not return any result
- 5) None of these

39 An interrupt handler is a

- 1) location in memory that keeps track of re-generated interrupts
- 2) peripheral device
- 3) utility program
- 4) special numeric code that indicates the priority of a request
- 5) None of these

A spooler is a (n)

- 1) location in memory that maintains the contents of document until it is printed out
- 2) Print job
- 3) program that coordinates the print jobs that are waiting to be printed

- 4) message sent from the printer to the operating system when a print job is completed
- 5) None of these

41 Virtual memory is typically located  
1) on a floppy disk 2) in the CPU  
3) in a flash card

4) on the hard drive 5) None

42 The purpose of a swap(or page) file is to 1) maintain ages of documents that are being spooled to the printer

2) Hold a program's data or instructions in virtual memory when it cannot be fitted in RAM  
3) prevent thrashing in a multitasking environment

4) allow multiple print jobs to print their pages out simultaneously

5) None of these

43 The definition of thrashing is

1) swapping data between virtual memory and RAM too frequently  
2) insufficient hard disk space

3) too many processors being managed by the operating system  
4) inaccurate information stored in the registry  
5) None of these

Which protocol is used by an operating system to generate error message like 'Host Unreachable' over a TCP/IP network ?

1)HTTP/1.1 2) ICMP

3) PPP 4) ICGM 5) TCP/IP

45 What does SNMP stand for ?

1) Simple Network Mail Protocol 2) Single Network Mail Protocol  
3) Single Network Message Protocol 4) Simple Network Management Protocol  
5) None of these

On a school computer, Lucy learned how to copy programs. A classmate asked her to copy a program for his home use. Her most ethical response would be which of the following ?

1) I'll copy it, but you have to promise not to tell anyone

2) I don't know how to copy disks.

3) I can't copy it because it will break copyright laws.

4) I'll copy it for you, but you can't copy it for anyone else.

5) None of these

47 Which of the following is not true ?

1) LOGO stands for Live On Google's Orkut. 2) BIOS is a system software.

3) GRUB is a Linux boot loader.

4) Ruby is a web scripting language. 5) LILO is a Linux boot loader.

\_\_\_\_\_ terminals

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

5) None of these

1) Data 2) Directory 3) Graph

4) Point-of-sale(POS) 5) None A \_\_\_\_\_ is a small program that helps to automate a frequently used series of commands in most productivity software tools.

1) template 2) macro 3) utility

4) wizard 5) None

50 Multithread means ?

1) One program doing more than one thing at a time  
2) More than one program doing one thing at a time  
3) Both 1) and 2)

4) Multi-programmes linked via various threads

## COMPUTER KNOWLEDGE PAPER - 2

- 1 The four main functions of a computer are
  - 1) input, processing, output and storage
  - 2) learning, thinking, intelligence and virtuosity
  - 3) data, information, bits, and bytes
  - 4) hardware, software, modeling and operations
  - 5) None of these
- 2 Which of the following computers can be carried around easily ?
  - 1) Laptops
  - 2) Super computers
  - 3) PCs
  - 4) Minicomputers
  - 5) None
- 3 What menu is selected to change the font and style ?
  - 1) Tools
  - 2) File
  - 3) Format
  - 4) Edit
  - 5) None
- 4 Where is the disk put in a computer ?
  - 1) In the hard drive
  - 2) in the disk drive
  - 3) in the CPU
  - 4) In the modem
  - 5) None
- 5 The field that investigates the mechanics of human intelligence is
  - 1) Artificial science
  - 2) Cognitive science
  - 3) Psychology
  - 4) Sociology
  - 5) None
- 6 A 'C' data structure, called a structure, is a group of items in which each item is identified by its own identifier, each of which is known as a member of a structure. The member is also known as ?
  - 1) Information
  - 2) Field
  - 3) Record
  - 4) Data type
  - 5) None
- 7 SONET is used
  - 1) for exchanging data between LAN and WAN
  - 2) to provide support for operations, administration and maintenance (OAM)
  - 3) to provide a way to multiplex multiple digital channels
  - 4) All the above
  - 5) None of these
- 8 \_\_\_\_\_ terminals (formerly known as cash registers) are often connected to complex inventory and sales computer systems.
  - 1) Data
  - 2) Sales
  - 3) Query
  - 4) Point of Sales (POS)
  - 5) None
- 9 The OSI model is divided into \_\_\_\_\_ processes called layers.
  - 1) Five
  - 2) Six
  - 3) Seven
  - 4) Eight
  - 5) None
- 10 System software is the set of programs that enables your computer's hardware devices and \_\_\_\_\_ software to work together.
  - 1) management
  - 2) processing
  - 3) utility
  - 4) application
  - 5) None
- 11 Which of the following is NOT a good Web security ?
  - 1) Restrict access to the Web server, keep a number of ports open
  - 2) Limit the users who can load software, edit or add files
  - 3) Add demo programs, so that users can test without accessing production data
  - 4) Remove unnecessary compilers and interpreters
  - 5) None of these
- 12 The altering of data so that it is not usable unless the changes are undone is known as
  - 1) Biometrics
  - 2) Compression
  - 3) Encryption
  - 4) Ergonomics
  - 5) None
- 13 FTP stands for
  - 1) File Translate Protocol
  - 2) File Transit Protocol
  - 3) File Typing protocol
  - 4) File Transfer Protocol
  - 5) None
- 14 A voice mail.
  - 1) is the exchange of text messages and computer files transmitted via a communications network such as a local area network or the internet
  - 2) permits users to converse in real time with each other via the computer while connected to the Internet.
  - 3) functions much like an answering machine, allowing callers to leave a voice message for the called party
  - 4) involves using video and computer technology to conduct a meeting between participants at geographically separate locations
  - 5) None of these
- 15 A communication processor that connects dissimilar networks by providing translation from one protocol to another is known as
  - 1) Bridge
  - 2) Gateway
  - 3) Router
  - 4) Modem
  - 5) All
- 16 In MS-Excel 2003, the default workbook sheet contains maximum \_\_\_\_\_ rows.
  - 1) 65535 rows
  - 2) 65536 rows
  - 3) 1048576 rows
  - 4) 65537 rows
  - 5) None
- 17 In MS-word, a menu item in dim color (gray) indicates that the menu is
  - 1) Toggle menu
  - 2) Unavailable for current context
  - 3) Not much required menu
  - 4) Over used menu
  - 5) None of these

- 18 Hot key is a  
1) Fire Wire port 2) Alternate Key  
3) keyboard shortcut 4) primary key 5) None

- 19 A group of attribute/field in a database is known as a \_\_,  
1) Record 2) File 3) Database 4) Entry 5) None

- 20 A(n) \_\_\_\_ Describes a category of information in a table of database.  
1) Record 2) File 3) Entry 4) Field 5) None

- 21 A goal of data mining includes which of the following ? 1) To confirm that data exists  
2) To create a new data warehouse  
3) To analyse data for expected relationships 4) To explain some observed events or conditions 5) None of these

- 22 The correct hierarchical order, smallest to largest, for the following database terms is  
1) File, Field, Record, Database  
2) File, Record, Field, Database  
3) Record, Field, File, Database  
4) Field, Record, File, Database  
5) None of these

- 23 Which of the following is not a unit of measurement in computer systems ?  
1) DPI 2) PPI 3) API 4) Bd 5) MB

- 24 In Windows XP, which shortcut is used to cycle through opened items in taskbar ?  
1) Ctrl+tab 2) Alt+tab 3) Ctrl+Esc 4) Alt+Esc 5) None

- 25 A digital computer computes the value of the expression  $2^5 \times 2^2$  inside  
1) RAM 2) CPU Chip 3) HDD 4) Floppy Disk 5) MS-Excel

- 26 Software providers who develop many productivity tools may also provide stripped down versions that combine the simpler features of these tools bundled together into a(n) 1) software suite  
2) personal information manager  
3) integrated software application  
4) limited software edition  
5) None of these

- 27 To produce a high-quality graphics (hardcopy) in colour, you would want to use a  
1) Virtual Printer 2) Laser Printer  
3) Ink-jet Printer 4) Plotter  
5) RGB Monitor

- 28 Which of the following is the fastest memory ?  
1) DDR RAM 2) DDR2 RAM  
3) DDR3 RAM 4) Swap Memory  
5) Buffer Memory

- Which protocol is used by an operating system to generate error message like 'Host Unreachable' over a TCP/IP Network ?  
1) HTTP/1.1 2) ICMP 3) PPP 4) ICGM 5) TCP/IP

- 30 SNMP Stands for  
1) Simple Network Mail Protocol  
2) Single Network Mail Protocol  
3) Single network Message protocol  
4) Simple Network Management Protocol  
5) None of these

- The primary purpose of a computer is to process \_\_\_\_ and 31 convert it into information.  
1) electricity 2) data  
3) raw material 4) a bit 5) None

- 32 The Extension of Batch file is  
1) .doc 2) .btc 3) .bpc 4) .bat 5) None

- 33 The File that is executed at the time of Booting is  
1) Autoexec.bat 2) ABC.txt  
3) windows.bat 4) Start.bat 5) None

- 34 BIOS Stands for  
1) Basic Input Output Services  
2) Big Integrity of System  
3) Base Interface Outerface System  
4) Basic Inter Operating System  
5) None of these

- 35 DISK operating system is a  
1) Single-user operating system  
2) Multi-user operating system  
3) Multi-programming operating system  
4) All the above  
5) None of these

- 36 RAM Stands for  
1) Random Access Memory  
2) Random All Memory  
3) Rise All Memory  
4) Random Access Memory Chip  
5) None of these

- 37 Bit refers to a  
1) computer language 2) CPU instruction  
3) 0 or 1 value  
4) digital representation of an alphabetic character

38 There are \_\_\_\_ bits in a byte.  
1) two      2) four      3) six      4) eight      5) None

39 In computer language, each letter, number, and an array of special characters consists of  
1) 8 k byte 2) 8 bytes 3) a bit      4) 8 bits      5) None

A small biomedical device available in the market that can be implanted underneath the skin for identification purpose is called  
1) Identitron      2) Verichip  
3) Digicard      4) Nanoguard      5) None

41 Physical components of a computer are called \_\_\_\_.  
1) hardware      2) software  
3) firewall      4) driver      5) None

42 Microprocessor was introduced in which generation computer ?  
1) Second Generation      2) Fourth Generation  
3) Both 1) & 2)      4) Third Generation      5) None

43 GUI Stands for  
1) Graphical User Interface  
2) Graph Use Interface  
3) Graphical Universal Interface  
4) All the above      5) None of these

44 The time taken by the CPU to retrieve and interpret the instruction to be executed is called as  
1) Instruction cycle      2) Fetch cycle  
3) Both 1 & 2      4) All of these      5) None

45 Which of the following is responsible for all calculations ?  
1) ALU      2) Control Unit  
3) Registers      4) BUS      5) None

46 Internal memory in a CPU is nothing but  
1) a set of registers      2) a set of ALU  
3) Microprocessor      4) BUS      5) None

47 Which of the following is permanent memory ?  
1) SRAM      2) DRAM 3) ROM      4) All      5) None

48 Which of the following is used as a primary storage ?  
1) Magnetic tape      2) PROM  
3) Floppy disk      4) All of the above      5) None

49 Information retrieval is faster from  
1) Floppy disk      2) Magnetic tape  
3) Hard disk      4) All of the above      5) None

50 Operating system is  
1) a collection of hardware components  
2) a collection of input-output devices  
3) a collection of software routines 4)  
All the above  
5) None of these



## COMPUTER KNOWLEDGE PAPER - 3

- 1 If you wish to extend the length of the network without having the signal degrade, you would use a
- 1) resonance
  - 2) router
  - 3) gateway
  - 4) switch
  - 5) repeater
- 2 A repair for a known software bug, usually available at no charge on the internet, is called
- 1) Version
  - 2) Patch
  - 3) tutorial
  - 4) FAQ
  - 5) rectifier
- 3 URL stands for
- 1) Universal Research List
  - 2) Universal Resource List
  - 2) Uniform Research List
  - 4) Uniform Research Locator
  - 5) Uniform Resource Locator
- 4 When data changes in multiple lists and all lists are not updated, this causes
- 1) data redundancy
  - 2) information overload
  - 3) duplicate data
  - 4) data inconsistency
  - 5) data repetition
- 5 What is a backup ?
- 1) Restoring the information backup
  - 2) An exact copy of a system's information
  - 3) The ability to get a system up and running in the event of a system crash or failure
  - 4) All of these
  - 5) None of these
- 6 The Internet is
- 1) a large network of networks
  - 2) an internal communication system for a business
  - 3) a communication system for the Indian government
  - 4) a communication system for some cities of India
  - 5) a communication system for some cities of India
- 7 Computers that are portable and convenient for travel are known as
- 1) supercomputers
  - 2) planners
  - 3) minicomputers
  - 4) file servers
  - 5) laptops
- 8 What is the storage area for e-mail messages called ?
- 1) A folder
  - 2) A mail box
  - 3) A directory
  - 4) The hard disk
  - 5) None
- 9 One advantage of dial-up Internet access is that
- 1) it utilises broadband technology
  - 2) it is Indian
  - 3) it uses a router for security
  - 4) modem speeds are very fast
  - 5) it utilises existing telephone service
- 10 What is the process of copying software programs from secondary storage media to the hard disk called ?
- 1) Configuration
  - 2) Download
  - 3) Storage
  - 4) Upload
  - 5) Installation
- 11 Which process checks to ensure the components of the computer are operating and connected properly ?
- 1) Booting
  - 2) Processing
  - 3) Saving
  - 4) Editing
  - 5) Starting
- 12 A means of capturing an image (drawing or photo) so that it can be stored on a computer is
- 1) Modem
  - 2) Software
  - 3) Scanner
  - 4) Key board
  - 5) Mouse
- 13 An error in a computer program is called a \_\_\_\_\_.
- 1) crash
  - 2) power failure
  - 3) bug
  - 4) virus
  - 5) fatal error
- 14 Access control based on a person's fingerprints is an example of
- 1) biometric identification
  - 2) characteristic identification
  - 3) characteristic security
  - 4) fingerprint security
  - 5) logistics
- 15 The patterns of printed lines on most products are called
- 1) prices
  - 2) striping
  - 3) scanners
  - 4) OCR
  - 5) barcodes
- 16 Most mail programs automatically complete the following two parts in an e-mail:
- 1) From: and Body:
  - 2) From: and Date:
  - 3) From: and To:
  - 4) From: and Subject:
  - 5) None of these
- 17 The computer's capability of distinguishing spoken words is called
- 1) voice analysis
  - 2) speech acknowledgment
  - 3) speech recognition
  - 4) speech interpretation
  - 5) vocalisation
- 18 Which of the following is an advantage of mounting application on the Web ?
- 1) The possibility of 24-hour access for users
  - 2) Creating a system that can extend globally
  - 3) Standardising the design of the interface
  - 4) All of these
  - 5) None of these
- 19 The first page of a Web site is called the
- 1) Home page
  - 2) Index
  - 3) java script
  - 4) Book mark
  - 5) Intro page
- 20 ERP is an acronym for
- 1) Enterprise Retirement Planning
  - 2) Enterprise Relationship Planning
  - 3) Enterprise Resource Planning
  - 4) Enterprise Reorder Planning
  - 5) Enterprise Retention Planning

- 21 The software that allows users to surf the Internet is called a/an
- 1) Search engine
  - 2) Internet Service Provider (ISP)
  - 3) Multimedia application
  - 4) Browser
  - 5) Internet Surfing provider
- 22 The issues that deal with the collection and use of data about individuals is
- 1) access
  - 2) publicity
  - 3) accuracy
  - 4) property
  - 5) privacy
- 23 A term related to sending data to a satellite is
- 1) downlink
  - 2) modulate
  - 3) demodulate
  - 4) uplink
  - 5) inter-relate
- 24 Online document containing underlined phrases or icons that a user can click in order to move immediately to related of the current document or to other documents relative information are called
- 1) hypermedia
  - 2) hypertext
  - 3) HTML
  - 4) URL
  - 5) FTP
- 25 Physical security is concerned with protecting hardware from human tampering and natural disasters. \_\_\_\_\_ security is concerned with protecting software from unauthorised tampering or damage.
- 1) data
  - 2) cyber
  - 3) Internet
  - 4) metaphysical
  - 5) publicity
- 26 Hackers
- 1) all have the same motive
  - 2) are people who maintain computers
  - 3) may legally break into computers as long as they do not do any damage
  - 4) are people who are allergic to computers
  - 5) break into other people's computers
- 27 Unauthorised copying of software to be used for personal gain instead of for personal backups is called
- 1) program thievery
  - 2) data snatching
  - 3) software piracy
  - 4) program looting
  - 5) data looting
- 28 Junk e-mail is also called
- 1) spam
  - 2) spoof
  - 3) cooke crumb
  - 4) sniffer script
  - 5) spill
- 29 What is usually used for displaying information at public places?
- 1) Monitors
  - 2) Overhead Projections
  - 3) Monitors and Overhead Projections
  - 4) Touch screen Kiosks
  - 5) Loud Speakers
- 30 What is MP3
- 1) A Mobile Phone
  - 2) A Mouse
  - 3) A sound format
  - 4) A scanner
  - 5) A Printer
- 31 What is the most popular hardware for multimedia creations ?
- 1) PCs
  - 2) Minicomputers
  - 3) Super computers
  - 4) mainframe computers
  - 5) WANs
- 32 Which of the following is needed for sound recording ?
- 1) Speaker
  - 2) microphone
  - 3) Talker
  - 5) Telephone
  - 5) Mouse
- 33 The life span of a CD-ROM is
- 1) Approximately one year
  - 2) approximately two year
  - 3) approximately five years
  - 4) approximately twenty-five year
  - 5) almost unlimited
- 34 The \_\_\_\_\_ settings are automatic and standard.
- 1) default
  - 2) CPU
  - 3) peripheral
  - 4) user-friendly
  - 5) defaulter
- 35 What are the two parts of an e-mail address ?
- 1) user name and street address
  - 2) Legal name and phone number
  - 3) user name and domain name
  - 4) initials and password
  - 5) User name and recipient name
- 36 \_\_\_\_\_ participants can see and hear each other in a/an
- 1) electronic mail system
  - 2) message system
  - 3) teleconference
  - 4) bulletin board
  - 5) None of these
- 37 Magnetic tape is not practical for applications where data must be quickly recalled because tape is
- 1) a random access medium
  - 2) expensive
  - 3) a read-only medium
  - 4) fragile and easily damaged
  - 5) a sequential access medium
- 38 Why should you delete unknown e-mail attachments ?
- 1) It can make you land in jail.
  - 2) The person could track you down and hurt you.
  - 3) It is a bad manners.
  - 4) It might contain a virus that could hurt your computer.
  - 5) None of these
- 39 How is it possible that both programs and data can be stored in the same floppy disk ?
- 1) A floppy disk has two sides, one for data and one for programs.
  - 2) A floppy disk has to be formatted for one or for the other.
  - 3) Programs and data are both software and both can be stored in any memory device.
  - 4) Floppy disks can only store data, not programs.
  - 5) Floppy disks are better than CDs.



- 40 What is an embedded system?
- 1) A program that comes wrapped in a box
  - 2) A program that is permanent part of a computer
  - 3) A computer that is part of a larger computer
  - 4) A computer and software system that controls a machine or appliance
  - 5) None of these
- 41 Which of the following will you require to hear music on your computer ?
- 1) Video Card
  - 2) Tape Recorder
  - 3) Mouse
  - 4) Soy Stick
  - 5) Sound card
- 42 The signal which shows that a computer is waiting for command from the user is
- 1) Prompt
  - 2) Event
  - 3) time slice
  - 4) interrupt
  - 5) None
- 43 Which of the following software allows the user to move from page to page on the Web by clicking on or selecting a hyperlink or by typing in the address of the destination page ?
- 1) Web browser
  - 2) Web search engine
  - 3) Web home page
  - 4) Web service
  - 5) None
- 44 For viewing video CDs, you would use
- 1) CD player
  - 2) Windows Media Player
  - 3) WindowsVideoPlayer
  - 4) Windows Movie Player
  - 5) Sound card
- 45 Executing more than one program concurrently by one user on one computer is known as
- 1) multi-programming
  - 2) Multi-processing
  - 3) Time sharing
  - 4) Multi-tasking
  - 5) Multi-action
- 46 Which of the following controls the interaction between the user and the operating system ?
- 1) Language translator
  - 2) Platform
  - 3) User interface
  - 4) Icon
  - 5) None
- 47 You can keep your personal files/folders in
- 1) My Folder
  - 2) My Documents
  - 3) My Files
  - 4) My Text
  - 5) My Collection
- 48 Three types of compact disks include CD-ROM, \_\_\_\_\_.
- 1) CD-W
  - 2) CD-RAM
  - 3) CD-DVD
  - 4) CD-RW
  - 5) None
- 49 All computers must have
- 1) A word processing software
  - 2) an operating system
  - 3) an attached printer
  - 4) a virus checking program
  - 5) None of these
- 50 Collecting personal information and effectively posing as another individual is known as
- 1) Spooling
  - 2) Spoofing
  - 3) hacking
  - 4) identity theft
  - 5) None

## COMPUTER KNOWLEDGE PAPER - 4

- 1 An example of a telecommunications device is a \_\_\_\_\_.
  - 1) keyboard
  - 2) Mouse
  - 3) modem
  - 4) printer
  - 5) scanner
- 2 Every component of your computer is either \_\_\_\_\_.
  - 1) software or CPU/RAM
  - 2) hardware or software
  - 3) application software or system software
  - 4) input device or output device
  - 5) usable or unusable
- 3 A \_\_\_\_\_ is a unique name that you give to a file of information.
  - 1) Folder
  - 2) File name
  - 3) filename extension
  - 4) device letter
  - 5) username
- 4 Junk e-mail is also called as \_\_\_\_\_.
  - 1) cookie crumbs
  - 2) spoof
  - 3) spam
  - 4) sniffer script
  - 5) garbage
- 5 A \_\_\_\_\_ contains specific rules and words that express logical steps of an algorithm.
  - 1) Programming language
  - 2) Syntax
  - 3) programming structure
  - 4) logic chart
  - 5) graph
- 6 \_\_\_\_\_ is the process of finding errors in software code.
  - 1) Hacking
  - 2) Compiling
  - 3) Running
  - 4) Testing
  - 5) Debugging
- 7 A \_\_\_\_\_ is a small hand-held computer that helps your surf the Web and perform simple tasks.
  - 1) desktop computer
  - 2) mobile phone
  - 3) notebook computer
  - 4) button user interface
  - 5) voice instruction system
- 8 Most application softwares today come with an interface called a(n) \_\_\_\_\_.
  - 1) graphical user interface
  - 2) character user interface
  - 3) icon user interface
  - 4) button user interface
  - 5) voice instruction system
- 9 A web site address is a unique name that identifies a specific \_\_\_\_\_ on the Web.
  - 1) Web browser
  - 2) PDA
  - 3) Website
  - 4) link
  - 5) user
- 10 Which of the following is considered an input device ?
  - 1) keyboard
  - 2) Monitor
  - 3) Floppy disk
  - 4) Printer
  - 5) CD
- 11 \_\_\_\_\_ are bundles of related software packages that are sold together.
  - 1) Personal productivity tools
  - 2) Word and Power Point
  - 3) Screen Saver
  - 4) Excel and Word Perfect
  - 5) Software suites
- 12 Hackers
  - 1) all have the same motive
  - 2) is another name for users
  - 3) may legally break into computers as long as they do not do any damage
  - 4) are people who are allergic to computers
  - 5) break into other people's computers
- 13 The \_\_\_\_\_ manual tells you how to use a program.
  - 1) documentation
  - 2) programming
  - 3) technical
  - 4) dictionary
  - 5) user
- 14 microcomputer hardware consists of three categories of physical equipment, viz \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
  - 1) keyboard, monitor, hard drive
  - 2) system unit, input/output, memory
  - 3) system unit, input/output, secondary storage
  - 4) system unit, primary storage, secondary storage
  - 5) CD, Floppy, pen Drive.
- 15 \_\_\_\_\_ are distinct items that don't have much meaning to you in a given context.
  - 1) Fields
  - 2) Data
  - 3) Queries
  - 4) Properties
  - 5) Users
- 16 Processors contain a control unit and a(n) \_\_\_\_\_.
  - 1) adapter card
  - 2) arithmetic logic unit (ALU)
  - 3) expansion slot
  - 4) Port
  - 5) CD drive
- 17 you organise files by storing them in \_\_\_\_\_.
  - 1) archives
  - 2) folders
  - 3) indexes
  - 4) lists
  - 5) None
- 18 You may be required to insert the program disc into the drive while you use, or \_\_\_\_\_, the software.
  - 1) install
  - 2) run
  - 3) activate
  - 4) register
  - 5) buy
- 19 Which of the following is an example of connectivity?
  - 1) CD
  - 2) Floppy disk
  - 3) activate
  - 4) Data
  - 5) Internet
- 20 How many bits are there in a byte ?
  - 1) 2
  - 2) 4
  - 3) 16
  - 4) 24
  - 5) 8
- 21 Which of the following is another name for a chip ?
  - 1) Silicon chip
  - 2) Integrated circuit
  - 3) Semiconductor
  - 4) All of these
  - 5) None

- 22 Decreasing the amount of space required to store data and programs is accomplished by \_\_\_\_.
- 1) pressing
  - 2) disk caching
  - 3) RAID
  - 4) crashing
  - 5) File compression
- 23 Data on a floppy disk is recorded in rings called \_\_\_\_.
- 1) sectors
  - 2) ringers
  - 3) rounders
  - 4) tracks
  - 5) segments
- 24 Documents on the Web are called \_\_\_\_.
- 1) Web pages
  - 2) Web sites
  - 3) Web communities
  - 4) Web tags
  - 5) Home pages
- 25 Which type of memory holds only that program and data the CPU is presently processing ?
- 1) CMOS
  - 2) ROM
  - 3) RAM
  - 4) ASCII
  - 5) CD
- 26 The \_\_\_\_ is an information system that must be reliable and capable of handling the expected workload.
- 1) hardware
  - 2) software
  - 3) data input
  - 4) people
  - 5) Mobile
- 27 Which of the following is part of the system unit ?
- 1) Keyboard
  - 2) Floppy disks
  - 3) Monitor
  - 4) Memory
  - 5) CD
- 28 Specialised programs that allow particular input or output devices to communicate with the rest of the computer system are called \_\_\_\_.
- 1) operating systems
  - 2) utilities
  - 3) device drivers
  - 4) language translators
  - 5) connectors
- 29 The primary purpose of a software is to turn data into \_\_\_\_.
- 1) Web sites
  - 2) graphs
  - 3) programs
  - 4) objects
  - 5) information
- 30 Storage that retains its data after the power is turned off is referred to as \_\_\_\_.
- 1) volatile storage
  - 2) sequential storage
  - 3) direct storage
  - 4) non-volatile storage
  - 5) Mobile storage
- 31 An essential ingredient for effective presentations incorporates user participation or \_\_\_\_.
- 1) Links
  - 2) buttons
  - 3) interactivity
  - 4) integration
  - 5) speed
- 32 A device that copies or reproduces text and images is also called a(n) \_\_\_\_.
- 1) optical scanner
  - 2) bar code reader
  - 3) character device
  - 4) digital camera
  - 5) printer
- 33 A CD-RW disk \_\_\_\_.
- 1) has a faster access than an internal disk
  - 2) can be erased and rewritten
  - 3) is a form of optical disk, so it can only be written once
  - 4) holds less data than a floppy disk
  - 5) is not easily available
- 34 Which of the following is a secondary storage device ?
- 1) Optical disks
  - 2) RAM
  - 3) Microprocessor
  - 4) All of these
  - 5) None of these
- 35 A web site containing stories and articles relating to current events, life, money, sports, and the weather is considered a(n) \_\_\_\_ Web site.
- 1) business/marketing
  - 2) portal
  - 3) Informational
  - 4) retailing
  - 5) news
- 36 You can have a live conversation with a connected user via \_\_\_\_.
- 1) e-mail
  - 2) instant messaging
  - 3) e-commerce
  - 4) distance learning
  - 5) word package
- 37 The rectangular area of the screen that displays a program, data, and/or information is a \_\_\_\_.
- 1) title bar
  - 2) button
  - 3) dialog box
  - 4) window
  - 5) interaction box
- 38 Video-conferencing requires a microphone, speakers, and a \_\_\_\_ attached to your computer.
- 1) mouse
  - 2) keyboard
  - 3) video camera
  - 4) mobile phone
  - 5) scanner
- 39 The process of a computer receiving information from a server on the internet is known as \_\_\_\_.
- 1) acquisition
  - 2) pulling
  - 3) transferring
  - 4) pushing
  - 5) downloading
- 40 Any hardware component that allows you to enter data or instructions into a computer is called a(n) \_\_\_\_.
- 1) printer
  - 2) storage device
  - 3) output device
  - 4) system unit
  - 5) input device
- 41 The communications device that allows the computer access a network is called a \_\_\_\_ card.
- 1) modem
  - 2) video
  - 3) sound
  - 4) network
  - 5) dialog
- 42 With \_\_\_\_ the computer's modem uses a standard telephone line to connect to the internet.
- 1) DSL
  - 2) dial-up-access
  - 3) ISDN
  - 4) cable television internet services
  - 5) satellite
- 43 you must instruct the \_\_\_\_ to start the application software.
- 1) utility program
  - 2) memory
  - 3) operating system
  - 4) processor
  - 5) user

- 44 Incorrect information is generated by \_\_\_\_\_ in the information system.
- 1) unreliable hardware
  - 2) incorrect data
  - 3) untested software
  - 4) unskilled people
  - 5) inconvenient timing of work
- 45 A portable, personal computer, small enough to fit on a lap, is called a \_\_\_\_\_.
- 1) notebook computer
  - 2) handheld computer
  - 3) mainframe computer
  - 4) desktop computer
  - 5) super computer
- 46 The new \_\_\_\_\_ integrates the functions of a processor, memory and video card on a single chip.
- 1) micro processor
  - 2) power processor
  - 3) system on a chip
  - 4) multimedia processor
  - 5) chip processor
- 47 A collection of computers and devices connected together via communications devices and transmission media is called a \_\_\_\_\_.
- 1) workgroup
  - 2) server
  - 3) mainframe
  - 4) network
  - 5) computer lab
- 48 \_\_\_\_\_ services are available free at portals on the Web.
- 1) E-mail
  - 2) FTP
  - 3) Video-conferencing
  - 4) Telephone
  - 5) All
- 49 Professional designers can create sophisticated documents that contain text, graphics, and many colours, using \_\_\_\_\_.
- 1) computer aided design (CAD)
  - 2) illustration
  - 3) image editing
  - 4) desktop publishing(DTP)
  - 5) power Point
- 50 Oracle is an example of \_\_\_\_\_ application software.
- 1) database
  - 2) word processing
  - 3) project management
  - 4) presentation graphics
  - 5) desktop

## COMPUTER KNOWLEDGE PAPER - 5

- 1 How many digits are used in a Binary Language ?  
 1) It depends on the speed of the processor.  
 2) It depend on the memory of the computer.  
 3) One  
 4) Two  
 5) None of these
- 2 A collection of programs that controls how your computer system runs and processes information is called  
 1) Operating System  
 2) Computer  
 3) Office  
 4) compiler  
 5) Interpreter
- 3 Computer connected to a LAN (Local Area network) can  
 1) Run Faster  
 2) Go online  
 3) Send email  
 4) share information and /or peripheral equipments  
 5) None of these
- 4 Information travels between components on the mother board through  
 1) Flash memory  
 2) CMOS  
 3) Bays  
 4) Buses  
 5) Peripherals
- 5 How are data organised in a spreadsheet ?  
 1) In lines and spaces  
 2) In layers and planes  
 3) In Height and width  
 4) In rows and columns  
 5) None of these
- 6 A \_\_\_\_ is approximately a million bytes.  
 1) gigabyte  
 2) kilobyte  
 3) megabyte  
 4) terabyte  
 5) None of these
- 7 The blinking symbol on the computer screen is called the  
 1) Mouse  
 2) logo  
 3) hand  
 4) palm  
 5) cursor
- 8 optical storage unit used in modern PC is known as  
 1) Floppy  
 2) CD  
 3) ROM  
 4) RAM  
 5) None of these
- 9 A \_\_\_\_ is also called as the brain of a computer and is responsible for processing data.  
 1) Motherboard  
 2) Memory  
 3) RAM  
 4) Central Processing Unit  
 5) None of these
- 10 Wordprocessing, spreadsheet and photo-editing are examples of  
 1) application software  
 2) system software  
 3) operating system software  
 4) platform software  
 5) None of these
- 11 A \_\_\_\_ is approximately one billion bytes.  
 1) kilobyte  
 2) bit  
 3) gigabyte  
 4) megabyte  
 5) None of these
- 12 A/n \_\_\_\_ is a set of computer programs used to help computer to perform a task.  
 1) instruction  
 2) software  
 3) memory  
 4) procesor  
 5) None of these
- 13 A string of eight zeroes and ones is called  
 1) Megabyte  
 2) Byte  
 3) Kilobyte  
 4) Gigabyte  
 5) None of these
- 14 SMPS stands for  
 1) Switched Mode Power Supply  
 2) Start Mode power Supply  
 3) Store Mode Power Supply  
 4) Single Mode power Supply  
 5) None of these
- 15 A goal of data mining includes which of the following?  
 1) To explain some observed events or conditions  
 2) To confirm that the data exists  
 3) To analyse the data for expected relationships  
 4) To create a new data warehouse  
 5) None of these
- 16 URL stands for  
 1) Universal Research List  
 2) universal Resource List  
 3) Universal Resource Locator  
 4) Uniform Research Locator  
 5) None of these
- 17 A database management system (DBMS) is a  
 1) hardware system used to create, maintain and provide controlled access to a database.  
 2) hardware system used to create, maintain and provide uncontrolled access to a database.  
 3) software system used to create, maintain and provide uncontrolled access to a database.  
 4) software system used to crate, maintain and provide controlled access to a database.  
 5) None of these
- 18 A proxy server is used for which of the following?  
 1) To provide security against unauthorised users  
 2) To process client requests for web pages  
 3) To process client requests for database access  
 4) To provide TCP/IP  
 5) None of these
- 19 Which of the following is NOT a goal of transaction processing system ?  
 1) To capture, process and store transactions  
 2) To produce a variety of documents related to routine business activites  
 3) To reduce manual efforts associated with processing business transactions  
 4) To produce standard reports used for management decision making  
 5) None of these
- 20 When data changes in multiple lists and all lists are not updated, this causes  
 1) Data redundancy  
 2) Information overload  
 3) duplicacy data  
 4) data inconsistency  
 5) None of these
- 21 Physical structure of computer is called  
 1) Software  
 2) Hardware  
 3) Humanware  
 4) All of these  
 5) None of these

22 A computer can perform which of the following tasks ?

- 1) Computation                      2) Communication
- 3) Processing                      4) All of these
- 5) None of these

23 CPU Stands for

- 1) Computer Processing Unit
- 2) Central Processing Unit
- 3) Both 1) and 2)
- 4) Communication Processing Unit
- 5) None of these

24 Which of the following computers represent data as discrete signals ?

- 1) Analog computer                      2) Digital Computer
- 3) Both 1) and 2)
- 4) Digilog computer
- 5) None of these

25 Which of the following is now available in the form of a PC?

- 1) Mainframe                      2) Microcomputer
- 3) Minicomputer                      4) Both 2) and 3)
- 5) None of these

26 PARAM is an example of

- 1) PC                      2) Super computer                      3) Laptop
- 4) PDA                      5) None of these

27 Who developed the 'analytical engine'?

- 1) Jacquard Loom                      2) Charles Babbage
- 3) Shannon                      4) IBM
- 5) None of these

28 Granting an outside organisation access to internet web pages is often implemented using a(n) \_\_\_\_\_.

- 1) extranet                      2) intranet                      3) internet
- 4) hacker                      5) None of these

29 Chip is a common nickname for a(n)

- 1) transistor                      2) resistor
- 3) integrated circuit                      4) semiconductor
- 5) None of these

30 Which of the following terms identifies a specific computer on the web and the main page of the internet site ?

- 1) URL                      2) Web site address
- 3) Hyperlink                      4) Domain name
- 5) None of these

31 The code that relational database management systems use to perform their database task is referred to as

- 1) QBE                      2) Sequel server                      3) OLAP
- 4) SQL                      5) None of these

32 The purpose of the primary key in a database is to

- 1) unlock the database
- 2) provide a map of the data
- 3) uniquely identify a record
- 4) establish constraints on database operations
- 5) None of these

33 Which is the best view for getting your thoughts for presentation out on the computer?

- 1) Outline view                      2) Notes page view
- 3) Slide sorter view                      4) Slide view
- 5) None of these

34 The arrangement of elements such as title and subtitle, text, picture, tables etc is called ?

- 1) Layout                      2) Presentation                      3) Design
- 4) Scheme                      5) None of these

35 A chart can be put as a part of the presentation using

- 1) Insert → Chart
- 2) Insert → Pictures → Chart
- 3) Edit → Chart
- 4) View → Chart
- 5) None of these

36 Which view in power point can be used to speaker's comments?

- 1) Normal                      2) Slide show
- 3) Slide sorter                      4) Notes page view
- 5) None of these

37 The box that is displayed to indicate that the text, pictures or objects are placed in it is called \_\_\_\_?

- 1) Auto text                      2) Placeholder                      3) Text box
- 4) Word text                      5) None of these

38 Which of the following statements is not true ?

- 1) Holding down the shift key while you draw an object creates perfect squares, circles and straight lines.
- 2) The text in a text box can't be formatted.
- 3) The drawing toolbar contains tools for drawing shapes, lines, arrows and more
- 4) Ctrl+S save the document
- 5) None of these

39 \_\_\_\_\_ servers store and manage files for network users.

- 1) Main                      2) Authentication                      3) Web
- 4) File                      5) None of these

40 All of the following are examples of real security and risks except

- 1) hackers                      2) identify theft                      3) spam
- 4) Viruses                      5) None of these

41 \_\_\_\_\_ terminals (formerly known as cash registers) are often connected to complex inventory and computer systems.

- 1) Data                      2) Point-of-sale (POS)                      3) Query
- 4) Sales                      5) None of these

42 The OSI model is divided into \_\_\_\_\_ processes called layers.

- 1) Five                      2) Six                      3) Seven
- 4) Eight                      5) None of these

43 System software is a set of programs that enables your computer's hardware devices and \_\_\_\_\_ software to work together.

- 1) Utility                      2) Management                      3) processing
- 4) application                      5) None of these

44 Memory also called as random access memory (RAM)

- 1) Contains the electronic circuits that cause processing to occur
- 2) makes the information resulting from processing available for use
- 3) allows data, programs, commands, and responses to be entered into a computer
- 4) Consists of electronic components that store data
- 5) None of these



- 45 Correcting errors in a program is referred to as  
1) debugging 2) bugging 3) rectifying  
4) modifying 5) None of these

- 46 An assembler is used to translate a program written in  
1) a low level language 2) machine language  
3) a high level language 4) assembly language  
5) None of these

- The capability of an operating system to enable two or more than two programs to execute simultaneously in a single computer system by using a single processor is called  
47  
1) Multiprocessing 2) Multitasking  
3) Multiprogramming 4) Multixecution  
5) None of these

- 48 What menu is selected for printing ?

- 1) edit 2) special 3) file  
4) tools 5) None of these

- 49 The name a user assigns to file is called ?

- 1) file name 2) program 3) record  
4) data 5) None of these

- 50 To access properties of an object we use mouse to

- 1) left-click 2) right-click 3) drag  
4) drop 5) None of these

## COMPUTER KNOWLEDGE PAPER - 6

- 1 CDs are of which of the following shapes ?  
1) Square 2) Rectangular 3) Pentagonal  
4) Hexagonal 5) None of these
- 2 The blinking point which shows your position in the text  
1) Blinker 2) Causer 3) pointer  
4) Cursor 5) None of these
- 3 For seeing the output, you use  
1) Monitor 2) Keyboard 3) Mouse  
4) Scanner 5) None of these
- 4 Father of C" programming language was  
1) Dennis Ritchie 2) Prof Jhon Kemeny  
4) Thomas Kurtz 4) Bill Gates  
5) None
- 5 Which of the following is permanent memory  
1) SRAM 2) DRAM 3) ROM  
4) All of these 5) None of these
- 6 A \_\_\_ is a computer over internets which read IP address on a packet and relay it towards its destination.  
1) switch 2) server 3) hub  
4) router 5) None of these
- 7 A floppy can be write-protected by  
1) Breaking the slider  
2) Positioning the slider to cover the hole  
3) Positioning the slider away from the hole  
4) A floppy cannot be write-protected.  
5) None of these
- 8 Rotaional delay time is also known as  
1) Seek time 2) Shift time 3) Latency  
4) Access time 5) None of these
- 9 The averae drives have an access time of  
1) 14-29ms 2) 9-14ms 3) 60-70ms  
4) Alltheabove 5) None of these
- 10 In which of the following kinds of disk does the read/write head physically touch the surface ?  
1) hard Disk 2) Compact Disk  
3) Floppy disk 4) All the above  
5) None of these
- 11 RAID stands for  
1) Reproduce Array of Intelligent Disks  
2) Reproduce Array of Inexpensive Disks  
3) Redundant Array of Inexpensive Drives  
4) Redundant Array of Inexpensive Disks  
5) None of these
- 12 CD-ROM is a kind of  
1) Optical disk 2) Magneto-optical disk  
3) Magnetic disk 4) All the above  
5) None of these
- 13 Hotmail, a free web-based email service, is operated by which of the following companies?  
1) Apple 2) Rediff 3) Microsoft  
4) Yahoo 5) Google
- 14 A collection of binary digits is known as  
1) half Bit 2) 1/2 KB 3) Byte  
4) Nibble 5) None of these
- 15 Which of the following is not a part of the CPU ?  
1) Arithmetic and Logic Unit 2) Storage Unit  
3) Program Unit 4) Control Unit  
5) None of these
- 16 Which of the following is not a unit of measurement in computer systems ?  
1) DPI 2) PPI 3) API  
4) Bd 5) MB
- 17 In Windows XP, which of the following shortcuts is used to cycle through opened items in taskbar ?  
1) Ctrl +Tab 2) Alt + Tab 3) Ctrl+Esc  
4) Alt + Esc 5) None of these
- 18 In concern of databases, what does OLTP stands for ?  
1) On-Line Transfer Process  
2) On-Line Transfer Protocol  
3) On-Line Transaction Protocol  
4) On-Line Transaction Processing  
5) None of the above
- 19 \_\_\_ Is a process of analysing data from different perspectives and summarising it into useful information.  
1) Normalisation 2) Data Mining  
3) Data Manipulation 4) Data Warehouse  
5) None of the above
- 20 A network point that acts as an entrance to network is called  
1) Switch 2) Gateway 3) Router  
4) Pepelining 5) Handshake
- 21 The toolbar in which you can type a web address is called Bar.  
1) Address 2) Format 3) Status  
4) Navigation 5) None of these
- 22 What is stop-level domain name of the following URL ?  
Http://www.yahoo.com/mail/default.asp  
1) http 2) www 3) yahoo  
4) .com 5) .asp
- 23 \_\_\_ are web addresses that users have asked the web browser to remember for convenient access in the future.  
1) URL 2) Favorites 3) Hyperlink  
4) Domain name 5) None of these
- 24 Which of the following is a characteristic of data warehouse ?  
1) It can be updated by the end users.  
2) It contains numerous naming conventions formats.  
3) It is organised around important subject areas.  
4) It contains only current data.  
5) None of these
- 25 \_\_\_ Servers store & manage files for network users.  
1) Main 2) Authentication 3) Web  
4) file 5) None of these
- 26 An Applet  
1) is an interpreted program that runs on the client  
2) tracks the number of visitors to a Website  
3) is a compiled program that usually runs on the client  
4) collects data from visitors to a Website  
5) None of these
- 27 The network interface card of LAN is related to which of the following layers of OSI Model ?  
1) Transport 2) Network 3) Data Link  
4) physical 5) All of these

- 28 A \_\_\_\_\_ sometimes called a boot-ector virus, executes when a computer boots up because it resides in the boot sector of a floppy disk or the master boot record of a hard disk.
- 1) System virus
  - 2) Trojan horse virus
  - 3) File virus
  - 4) macro virus
  - 5) None of these
- 29 Which of the following error detection methods uses one's complement arithmetic ?
- 1) Simply parity check
  - 2) Checksum
  - 3) Two-dimensional parity check
  - 4) CRC
  - 5) None of these
- 30 A computer virus cannot lead to
- 1) Disk crash
  - 2) Mother board crash
  - 3) Corruption of program
  - 4) Deletion of files
  - 5) None of these
- 31 \_\_\_\_\_ allows wireless mobile devices to access the internet and its services such as the Web and e-mail.
- 1) TCP/IP
  - 2) Ethernet
  - 3) WAP
  - 4) Token ring
  - 5) None of these
- 32 A DOS floppy disk does not have
- 1) A Boot Record
  - 2) A File Allocation Table
  - 3) A Root Directory
  - 4) Virtual Memory
  - 5) BIOS
- 33 MICR technology, used for clearance of cheques by banks, refers to
- 1) Magnetic Ink Character Recognition
  - 2) Magnetic Intelligence Character Recognition
  - 3) Magnetic Information Cable Recognition
  - 4) Magnetic insurance Cases Recognition
  - 5) None of these
- 34 All the information collected during development is stored in a \_\_\_\_\_ database
- 1) repository
  - 2) data warehouse
  - 3) RAD
  - 4) CASE
  - 5) None of these
- 35 The \_\_\_\_\_ component is used by the data analyst to create the queries that access the database.
- 1) Data extraction
  - 2) end-user query tool
  - 3) end-user presentation tool
  - 4) data store
  - 5) None of these
- 36 Why is 80486 DX costlier than 80486 SX ?
- 1) Clock speed
  - 2) Numeric com-processor
  - 3) Cache mommy
  - 4) Flags
  - 5) None of these
- 37 In C++, by default, the members of a class are
- 1) Public
  - 2) Private
  - 3) Both public and Private
  - 4) All the above
  - 5) None of these
- 38 Which of the following is an operating system called ?
- 1) CREATE
  - 2) LINK
  - 3) SYSTEM
  - 4) All of these
  - 5) None of these
- 39 An ATM header consists of
- 1) 48 byte
  - 2) 15 byte
  - 3) 5 byte
  - 4) 24 byte
  - 5) None of these
- 40 Network components are connected to the same cable in the \_\_\_\_\_ topology.
- 1) star
  - 2) ring
  - 3) bus
  - 4) mesh
  - 5) mixed
- 41 A computer checks the \_\_\_\_\_ of user names and passwords or a match before granting access.
- 1) website
  - 2) network
  - 3) backupfile
  - 4) database
  - 5) None of these
- 42 VDU is also called
- 1) Screen
  - 2) Monitor
  - 3) Both 1 and 2
  - 4) Printer
  - 5) None of these
- 43 A polymorphic virus
- 1) modifies its program code each time it attaches itself to another program or file
  - 2) is a malicious-logic program that copies repeatedly in memory or on a disk drive until no memory or disk space remains
  - 3) a malicious-logic program that hides within or looks like a legitimate program
  - 4) infects a program file, but still reports the size and creation date of the original, uninfected program
  - 5) None of these
- 44 Microwave transmission is used in environments where installing physical transmission media is
- 1) difficult or impossible and where line-of-sight transmission is unavailable
  - 2) easy or promising and where line-of-sight transmission is unavailable
  - 3) difficult or impossible and where line-of-sight transmission is available
  - 4) easy or promising and where f-sight transmission is available
  - 5) None of these
- 45 Which of the following is NOT a good web security strategy ?
- 1) Restrict access to the Web server; keep a munimum number of posts open
  - 2) Limit the users who can load software, edit or add files
  - 3) Add demo programs, so that users can test system without accessing production data
  - 4) Remove unnecessary compilers and interpreters
  - 5) None of these

46 How is power supplied to a low-power USB device?

- 1) Through a power cable
- 2) From an external power supply
- 3) Directly from the computer's power supply
- 4) Through a USB cable
- 5) None of these

47 All of the following are basic principles of networks, except

- 1) each computer must have a network card
- 2) there must be communications media connecting the network hardware devices
- 3) there must be at least one connecting device
- 4) each computer must have software that supports the movement of information
- 5) None of these

The \_\_\_\_ data mining technique derives rules from real world case examples.

- 1) Rule discover
- 2) Signal processing
- 3) Neural nets
- 4) Case-based reasoning
- 5) None of these

49 \_\_\_\_ are used to identify a user who returns to a Website.

- 1) Cookies
- 2) Plug-ins
- 3) Scripts
- 4) ASPs
- 5) None of these

50 Which of the following objects is passed to a java Bean when one of its properties is set via a JSP action?

- 1) Servlet Request
- 2) Http Servlet Request
- 3) Servlet Response
- 4) Http Servlet Response
- 5) None of these

## COMPUTER KNOWLEDGE PAPER - 7

- 1 An Internet Adapter (telephonic IA)
  - 1) is a UNIX program that enables a dial-up shell 13 account to emulate a SLIP connection.
  - 2) allows the user to run internet SW native to his or her desktop environment without the full costs/fal functionality of real SLIP.
  - 3) Both 1 and 2 are true
  - 4) Both 1 and 2 are false
  - 5) None of these
- 2 Hybrid computer refers to
  - 1) a combination of an analog and a digital computer
  - 2) computer systems that utilize the measuring capacity of an analog computer and the counting capability of a digital computer
  - 3) Both 1 and 2
  - 4) Either 1 or 2
  - 5) None of these
- 3 Any letter, number, or symbol found on the keyboard that you can type into the computer is called
  - 1) an output 2) a character 3) a type
  - 4) a print 5) None of these
- 4 The secret code that gives you ccess to some programs is
  - 1) clue 2) cue 3) password
  - 4) help 5) None of these
- 5 The different styles of lettering in a word processing program is called
  - 1) font 2) calligraphy 3) writing
  - 4) majuscrip5) None of these
- 6 Key-to-disk is
  - 1) a device used to enter data onto a disk or device
  - 2) a device used to enter data onto a magnetic tape
  - 3) a storage device
  - 4) All the above 5) None of these
- 7 Which of the following keys can be used together with the other keys for special tasks ?
  - 1) Insert,Delete
  - 2) Ctrl, Shift
  - 3) Left Arrow, Right Arrow
  - 4) page up,Page down 5) None of these
- 8 A symbol or question on the screen that prompts you to take action and tells the computer what to do next is
  - 1) Scanner 2) questionnaire
  - 3) prompt and dialog box 4) information seeker
  - 5) None of these
- 9 Choice are referred to as
  - 1) options 2) exit 3) boot
  - 4) folder 5) None of these
- 10 Anything written on the screen is called
  - 1) cursor 2) text 3) folder
  - 4) boot 5) None of these
- 11 \_\_\_\_ lets you leave a screen or program
  - 1) Boot 2) Programs 3) Exit
  - 4) Text 5) None of these
- 12 Instruction that tell the computer what to do are called
  - 1) Programs 2) CPU 3) options
  - 4) folder 5) None of these
- An e-mail address typically consists of a user ID followed by \_\_\_\_ sign and the name of the e-mail sevr that manages the user's electronic post-office box.
  - 1) @ 2) # 3) & 4) \*
  - 5) None of these
- 14 Software applies \_\_\_\_ also called algorithms, to process data.
  - 1) arithmetic 2) Procedures 3) objects
  - 4) rules 5) None of these
- A file extension is separated from the main file name with a (n) \_\_\_\_, but no spaces.
  - 1) question mark 2) exclamation mark 3) underscore
  - 4) period 5) None of these
- 16 An ad hoc query is a
  - 1) pre-planned question
  - 2) pre-scheduled question
  - 3) spur-of-the-moment question
  - 4) question that will not return any results
  - 5) None of these
- A web \_\_\_\_ consists of one or more Web pages located on a Web server.
  - 1) hub 2) site 3) story
  - 4) template 5) None of these
- 18 A computer \_\_\_\_ is a set of program instructions that can attach itself to a file, reproduce itself, and spread to other files.
  - 1) worm 2) virus 3) trojan horse
  - 4) phishing scam 5) None of these
- 19 Programs such as Internet explorer that serve as navigable windows into the Web are called
  - 1) Hypertext 2) Network 3) Web browsers
  - 4) Internet 5) None of these
- A \_\_\_\_ is a device that not only provi protection, but also furnishes your computer with battery backup power during a power outage.
  - 1) surge strip 2) USB 3) UPS
  - 4) battary strip 5) None of these
- 21 When you save to \_\_\_\_, your data will remain intact even when the computer is turned off.
  - 1) RAM 2) motherboard
  - 3) secondary storage device 4) primary storage device
  - 5) None of these
- 22 The mother board is
  - 1) a circuit board that houses peripheral devices
  - 2) the same as the CPU chip
  - 3) the first chip that is accessed when the computer is turned on
  - 4) a circuit board that contains a CPU and other chips
  - 5) None of these
- 23 A computer -intensive problem runs on a
  - 1) server 2) mainframe 3)super PC
  - 4) super compter 5) None of these
- the time interval between the instant at which data i called from a storage device and the instant at which delivery begins is called
  - 1) Access time 2) Delivery time 3)Service time
  - 4) All of the above 5) None of these

25 What is meant by a dedicated computer? It is a computer

- 1) which is used by one person only.
- 2) which is assigned one and only one task.
- 3) which uses one kind of software
- 4) which is meant for application software.
- 5) None of these

26 The system unit of a personal computer typically contains all of the following except

- 1) Microprocessor
- 2) Disk controller
- 3) Serial interface
- 4) Modem
- 5) None of these

27 A computer program that converts an entire machine language is called a/an

- 1) Interpreter
- 2) Simulator
- 3) Compiler
- 4) Commander
- 5) None of these

28 The majority of computer crimes are committed by

- 1) hackers
- 2) insiders
- 3) overseas criminals
- 4) young teenage computer geniuses
- 5) None of these

29 A small or intelligent device is so called because it contains within it a

- 1) computer
- 2) Microcomputer
- 3) Program
- 4) Sensor
- 5) None of these

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

- 1) ANSI
- 2) ASCII
- 3) EBCDIC
- 4) ISO
- 5) None of these

31 A Pixel is

- 1) a computer program that draws picture
- 2) a picture stored in secondary memory
- 3) the smallest resolvable part of a picture
- 4) All of the above
- 5) None of these

32 Which of the following device is used as the standard pointing device in a Graphical user Environment?

- 1) Keyboard
- 2) Mouse
- 3) Joystick
- 4) Track ball
- 5) None of these

33 Which of the following systems is usually followed in a typical 32-bit computer?

- 1) 2
- 2) 10
- 3) 32
- 4) 16

34 What is the name of the 64-bit microprocessor developed by AMD?

- 1) Opteron
- 2) RISC-9000
- 3) iMac
- 4) Athlon
- 5) None of these

35 Which of the following computer manufacturers quotes, "Empowering your PC"?

- 1) Canon
- 2) Epson
- 3) Mercury
- 4) Samsung
- 5) None of these

36 Nortel is a company which manufactures

- 1) Software
- 2) Processors
- 3) Cables
- 4) Network equipment
- 5) None of these

In most IBM PCs, the CPU, the device drives, memory

37 expansion slots and active components are mounted on a single board. What is the name of this board?

- 1) Motherboard
- 2) Breadboard
- 3) Daughter board
- 4) Grandmother board
- 5) None of these

38 Which of the following is a personal computer manufacturer from Taiwan?

- 1) Sony
- 2) IBM
- 3) Samsung
- 4) Acer
- 5) None of these

39 SCSI is a term related with

- 1) Storage
- 2) Network Data Transfer
- 3) Keystroke Rate
- 4) picture resolution
- 5) None of these

40 Which of the following companies did SCO sue for using the code UNIX in its Operating system?

- 1) RedHat
- 2) SuSE
- 3) IBM
- 4) Microsoft
- 5) None of these

41 What is the maximum cable length of STP?

- 1) 100 ft
- 2) 200 ft
- 3) 100 m
- 4) 200 m
- 5) None of these

42 What is the maximum data capacity of STP?

- 1) 10 mbps
- 2) 100 mbps
- 3) 1000 mbps
- 4) 10000 mbps
- 5) None of these

43 Which of the following connectors does STP use?

- 1) BNC
- 2) RJ-11
- 3) RJ-45
- 4) RJ-69
- 5) None of these

44 What is the central device in star topology?

- 1) STP server
- 2) Hub/switch
- 3) PDC
- 4) Router
- 5) None of these

45 What is the maximum data capacity for optical fibre cable?

- 1) 10 mbps
- 2) 100 mbps
- 3) 1000 mbps
- 4) 10000 mbps
- 5) None of these

46 Which of the following architectures uses CSMA/CD access method?

- 1) ARC net
- 2) Ethernet
- 3) PDC
- 4) Router
- 5) None of these

47 Which of the following protocols is used to find hardware address or MAC address when IP address is known?

- 1) ARP
- 2) TCP
- 3) FTP
- 4) DHCP

48 A \_\_\_\_\_ is a type of malware program that alters your computer's browser settings so that you are redirected to web sites that you had no intention of visiting.

- 1) Virus
- 2) Trojan
- 3) Hacker
- 4) browser hijacker
- 5) None of these

49 The World Wide Web is made of documents created in language called

- 1) PERL
- 2) HMLT
- 3) HTML
- 4) URL
- 5) None of these

50 Computers can be on different local networks in a \_\_\_\_.

- 1) Transmission
- 2) Workgroup
- 3) peer to peer
- 4) Domain
- 5) None of these



# COMPUTER KNOWLEDGE KEY ANSWERS SHEET

## Computer Knowledge Paper - 1

Question	1	2	3	4	5	6	7	8	9	10
Answer	2	1	4	2	1	4	2	2	3	4
Question	11	12	13	14	15	16	17	18	19	20
Answer	4	3	3	2	3	4	2	1	3	2
Question	21	22	23	24	25	26	27	28	29	30
Answer	1	3	1	2	1	3	2	1	3	3
Question	31	32	33	34	35	36	37	38	39	40
Answer	1	3	2	4	2	1	5	2	4	3
Question	41	42	43	44	45	46	47	48	49	50
Answer	4	2	1	2	4	3	1	4	2	1

## Computer Knowledge Paper - 2

Question	1	2	3	4	5	6	7	8	9	10
Answer	1	1	3	2	2	2	4	4	3	4
Question	11	12	13	14	15	16	17	18	19	20
Answer	4	3	4	3	2	2	2	3	1	4
Question	21	22	23	24	25	26	27	28	29	30
Answer	3	4	3	4	2	3	4	5	2	4
Question	31	32	33	34	35	36	37	38	39	40
Answer	2	4	1	1	4	1	3	4	4	2
Question	41	42	43	44	45	46	47	48	49	50
Answer	1	2	1	1	1	1	3	2	3	3

## Computer Knowledge Paper - 3

Question	1	2	3	4	5	6	7	8	9	10
Answer	5	2	5	4	4	1	5	2	5	5
Question	11	12	13	14	15	16	17	18	19	20
Answer	1	3	3	1	5	2	3	4	1	3
Question	21	22	23	24	25	26	27	28	29	30
Answer	4	5	4	2	2	5	3	1	3	3
Question	31	32	33	34	35	36	37	38	39	40
Answer	1	2	3	1	3	3	5	4	3	4
Question	41	42	43	44	45	46	47	48	49	50
Answer	5	4	1	2	4	3	2	4	2	2

## Computer Knowledge Paper - 4

Question	1	2	3	4	5	6	7	8	9	10
Answer	3	2	2	3	2	5	3	1	4	1
Question	11	12	13	14	15	16	17	18	19	20
Answer	5	5	1	4	2	2	2	1	5	5
Question	21	22	23	24	25	26	27	28	29	30
Answer	2	5	4	1	3	2	4	1	5	4
Question	31	32	33	34	35	36	37	38	39	40
Answer	3	1	2	1	3	2	4	3	5	5
Question	41	42	43	44	45	46	47	48	49	50
Answer	1	2	3	2	1	1	4	1	1	1

## Computer Knowledge Paper - 5

Question	1	2	3	4	5	6	7	8	9	10
Answer	4	1	4	3	4	3	5	2	4	1
Question	11	12	13	14	15	16	17	18	19	20
Answer	3	2	2	1	1	3	4	2	2	4
Question	21	22	23	24	25	26	27	28	29	30
Answer	2	4	2	2	2	1	2	1	3	1
Question	31	32	33	34	35	36	37	38	39	40
Answer	4	2	1	1	2	4	2	2	4	2
Question	41	42	43	44	45	46	47	48	49	50
Answer	4	3	4	4	1	4	3	3	1	2

## Computer Knowledge Paper - 6

Question	1	2	3	4	5	6	7	8	9	10
Answer	5	4	1	1	3	4	3	3	2	3
Question	11	12	13	14	15	16	17	18	19	20
Answer	4	1	3	4	3	3	4	4	2	2
Question	21	22	23	24	25	26	27	28	29	30
Answer	1	3	2	3	4	3	5	5	2	2
Question	31	32	33	34	35	36	37	38	39	40
Answer	3	4	1	2	2	2	2	4	3	3
Question	41	42	43	44	45	46	47	48	49	50
Answer	4	3	1	4	4	4	2	3	1	3

## Computer Knowledge Paper - 7

Question	1	2	3	4	5	6	7	8	9	10
Answer	3	2	2	3	1	1	2	3	1	2
Question	21	22	23	24	25	26	27	28	29	30
Answer	3	4	4	1	2	4	1	1	4	1
Question	41	42	43	44	45	46	47	48	49	50
Answer	4	2	3	2	3	2	1	4	3	4

Question	11	12	13	14	15	16	17	18	19	20
Answer	3	1	1	2	5	2	2	2	3	3
Question	31	32	33	34	35	36	37	38	39	40
Answer	3	2	1	1	3	4	1	4	1	4