### Part – I COMPUTER SCIENCE Set A Practice set

1. **Any computer is controlled by**
   1. Hardware (b) Information (c) **Instructions** (d) Memory

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| **2. Storage mapping is done by** |  | |
| (a) Operating System | (b) | **Compiler** |
| (c) Linker | (d) | Loader |

1. **The input and output device in a computer system is**
   1. Printer (b) **Touch Screen** (c) Keyboard (d) Mouse
2. **Computer memory consists of**
   1. RAM (b) ROM (c) PROM (d) **All of the above**
3. **The BIOS is the abbreviation of**
   1. Best Input Output System (b) Basic Input Output Symbol

(c) Base Input Output System (d) **Basic Input Output System**

1. **Which of the memory has the shortest access time ?**
   1. **Cache Memory** (b) Virtual Memory

(c) Secondary Memory (d) All of the above

1. **What do you call a single point on a computer screen ?**
   1. Bit (b) Element (c) **Pixel** (d) Cell
2. **Through which of the device, the main components of Computer communicate with each** **other ?**
   1. **System Bus** (b) Monitor (c) Memory (d) Keyboard
3. **The main electronic components used in fourth generation computers were**
   1. Integrated circuits (b) **VLSI**

(c) Vacuum tubes and valves (d) None of the above

1. **The abbreviation bps stands for**
   1. Bytes per second (b) Bandwidth per second

(c) **Bits per second** (d) Baud rate per second

1. **The silicon chips used for data processing are called**
   1. ROM chips (b) RAM chips

(c) PROM chips **(d) Microprocessor**

1. **IBM PC and clones belong to the**
   1. Second generation (b) Third generation

(c) **Fourth generation** (d) Fifth generation

1. **When a PC is started, which of the following program is executed ?**
   1. DOS (b) **BIOS**

(c) Startup (d) None of the above

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| **14. Working area of CPU is** |  | |
| (a) Program Counter | (b) | Instruction Register |
| (c) Information Decoder | (d) | **Accumulator** |

1. **Which of the following layer is not in OSI model ?**
   1. Physical layer **(b) Internet layer**
   2. (c) Network layer (d) Transport layer
2. **IPv4 address is**
   1. 8 bits (b) 16 bits (c) **32 bits** (d) 48 bits
3. **What is the Port number for HTTP ?**
   1. (a) **80 (b)** 99 (c) 82 (d) 23
4. **Which layer of OSI model is responsible for dialog control and token management ?**
   1. Physical layer (b) Data-link layer
   2. (c) Network layer (d) **Session layer**
5. **DHCP stands for**
   1. Dynamic Host Control Protocol
   2. **Dynamic Host Configuration Protocol**
   3. Dynamic Host Connection Protocol
   4. None of the above
6. **A computer network uses a star topology if**
   1. Computers are arranged in closed loop.
   2. **All computers attach to a central point.**
   3. All computers attach to a single long cable.
   4. None of the above.
7. **Fiber Distributed Data Interface (FDDI) is an example of**
   1. **Token ring** (b) Token bus
   2. (c) Star topology (d) Multipoint network
8. **Error detection at the data-link layer is achieved by**
   1. Bit stuffing (b) **Cyclic Redundancy check**
   2. (c) Hamming codes (d) Equalization
9. **NIC stands for**
   1. New Internet Connection (b) **Network Interface Card**
   2. (c) Network Interface Connection (d) Net Interface Card
10. **Switch is related to**
    1. Network layer (b) Application layer
    2. (c) Session layer (d) **Data-link layer**
11. **File virus attaches itself to**
    1. Backup file (b) Source file (c) Object file (d) **Executable file**
12. **In asymmetric key cryptography, the private key is kept by**
    1. Sender (b) **Receiver**

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| (c) Sender & Receiver both | (d) | All connected devices to the network |
| 1. **URL stands for**    1. Unique Reference Label | (b) | Uniform Reference Label |
| (c) **Uniform Resource Locator** | (d) | Unique Resource Locator |
| 1. Digital signature is a    1. Scanned signature | (b) | Signature in binary form |

(c) **Encrypting Information** (d) None of the above

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| 1. **All of the following are top level domains, except**    1. .com (b) .edu (c) .org | (d) | **.army** |
| 1. **The first page of a website is called as**    1. Main page (b) **Home page** (c) First page | (d) | Design page |

1. **Which of the following protocol is used for transferring e-mail message from one machine** **to another ?**
   1. FTP (b) SNMP (c) **SMTP** (d) RPC
2. **A computer which stores the different webpages is called as**
   1. Service provider (b) **Web server**

(c) Web browser (d) None of these

1. **In the e-mail address** [**abc@gmail.com**](mailto:abc@gmail.com) **what is ‘abc’ ?**
   1. Client computer (b) Server Name

(c) Domain Name (d) **User Name**

1. **Google is a**

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| **35.** | (a) LAN Navigator  (c) Hardware Part  **The main function of a browser is to** | (b)  (d) | **Search Engine** None of the above |  |
|  | (a) Compile HTML  (c) Interpret CGI program | (b)  (d) | **Interpret HTML**  None of the above |
| **36.** | **Error reporting protocol is**  (a) ARP (b) TCP | (c) | UDP (d) | **ICMP** |
| 1. **HTTP is a protocol to**    1. Copy files between computers. | | (b) | **Transfer webpages to a browser.** | |
| (c) Limit access to company data. | | (d) | None of the above | |

1. **Telnet is a**
   1. Network of Telephones (b) Television Network

(c) **Remote login** (d) None of the above

1. **Which protocol is used for browsing websites ?**
   1. **HTTP** (b) FTP (c) SMTP (d) TELNET
2. **Virtual memory is**
   1. An extremely large main memory.
   2. An extremely large secondary memory.
   3. **An illusion of an extremely large memory.**
   4. A type of memory used in super-computers.
3. The delay between job submission and job completion is called
   1. **Turn around time** (b) In-process time

(c) Response time (d) Waiting time

1. The module that gives the control of CPU to the process selected by short-term scheduler is
   1. **Dispatcher** (b) Scheduler

(c) Context switcher (d) All of the above

1. The substitution made by the Operating System between processes to allocate space is
   1. **Swapping** (b) Deadlock (c) Fragmentation (d) Paging
2. Which of the following system software resides in main memory always ?

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| (a) Text editor (b) Assembler | (c) Linker | (d) **Loader** |

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| **44.**  **45.** | ×®Ö´®Ö ´Öë ÃÖê ÛúÖî®Ö ÃÖÖ ×ÃÖÃ™ü´Ö ÃÖÖò°™ü¾ÖêµÖ¸ü ´ÖãÜµÖ ´Öê´ÖÖê¸üß ´Öë Æü´Öê¿ÖÖ ¸üÆüŸÖÖ Æîü ?  (a) ™êüŒÃÖ™ü ‹›üß™ü¸ü (b) †ÃÖê´²Ö»Ö¸ü (c) ×»Ö®Ûú¸ü  **A program which merges many object modules is called**  (a) **Linker** (b) Loader (c) Interpreter | | | (d)  (d) | »ÖÖê›ü¸ü  Compiler |
| **46.** | **MS-DOS is a**  (a) Multi User Operating System | (b) | Time Sharing Operating System | | |
|  | (c) **Single User Operating System** | (d) | None of the above | | |

1. **The time during which a job is processed by the computer is**
   1. Delay time (b) Real time (c) **Execution time** (d) Down time
2. **A translator which reads an entire program written in a high level language and converts it into machine language code is**
   1. Assembler (b) **Compiler**

(c) Translator (d) System Software

1. **In computer which language is used to write source program ?**
   1. English (b) Hindi (c) Symbolic (d) **High level**
2. **When a computer is first turned on or restarted, a specific type of absolute loader is executed, called a**
   1. Boot loader (b) Compile and Go loader

(c) **Bootstrap loader** (d) Start loader

1. **Dijkstra’s banking algorithm in an operating system solves the problem of**
   1. **Deadlock Avoidance** (b) Deadlock Recovery

(c) Mutual Exclusion (d) Context Switching

1. **Which command of MS-DOS is used to search for a specific string of text in one or more files ?**
   1. SEARCH (b) SORT (c) **FIND** (d) MORE
2. **Which command is used to delete the directory and all its contents in one step ?**
   1. DEL \*·\* (b) **RD** (c) DELTREE (d) DELDIR
3. **JPEG stands for**
   1. Joint Photo Experiment Group (b) **Joint Photographic Experts Group**

(c) Joint Photographic Enlarge Group (d) Joint Photogenic Experts Group

1. **MIDI stands for**
   1. Multimedia Instrument Digital Interface
   2. Musical Instrument Design Interface
   3. Musical Instrument Digital Instruction
   4. **Musical Instrument Digital Interface**
2. Which of the following program is not popular desktop publishing program ?
   1. Adobe PageMaker (b) Microsoft Publisher

(c) **Lotus AmiPro** (d) Quark Xpress

1. **Program used to create or modify bitmap images is called**
   1. Illustration program (b) **Paint program**

(c) Graphical modifier (d) Bit publishing package

1. Raster images are also known as
   1. **Bitmap images** (b) Vector images

(c) Clip-art images (d) Multimedia images

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| **59.** | **Corel Draw is an example of a**  (a) Groupware Application | (b) | Bit Publishing Package |
|  | (c) Paint Program | (d) | **Graphics Suite** |
| **60.** | **Microsoft front page is an example of**  (a) Authorizing Streaming Program | (b) | Graphical map editor |
|  | (c) **Webpage Editor** | (d) | Robotics authoring program |

1. **Data is filled up into a MS-ACCESS database using**
   1. **Data sheet view** (b) Advance filter view

(c) Design view (d) Relationship view

1. **The default value for text field size in MS –Access is**
   1. **50 characters**  (b) 55 characters (c) 60 characters (d) 80 characters
2. **In a relational schema, each tuple is divided into fields called**
   1. Relations (b) **Domains** (c) Queries (d) None of these
3. **Arranging data in a specific order is called**
   1. Merging (b) **Sorting** (c) Classification (d) Verification
4. **Relational calculus is a**
   1. Procedural language (b) **Non-procedural language**

(c) Data definition language (d) High level language

1. **In E-R diagram, attributes are represented by**
   1. Rectangle (b) Square (c) **Ellipse** (d) Triangle
2. **In the architecture of database system external level is**
   1. Physical level (b) Logical level (c) Conceptual level (d) **View level**
3. **E-R modelling technique is**
   1. **Top-down approach** (b) Bottom-up approach

(c) Left-right approach (d) None of the above

1. **Data integrity refers to**
   1. Non-duplication of data (b) **Accuracy of data**

(c) Security of data (d) Centralised data

1. **Which is not a component of relational database ?**
   1. Entity (b) Attribute (c) Table (d) **Hierarchy**
2. **Name the extension of an access database file.**
   1. .dat (b) .**mdb** (c) .txt (d) .exe
3. **Which SQL Query is used to remove a table and all its data from the database ?**
   1. Create table (b) **Drop table** (c) Alter table (d) None of these
4. **Which of the following is not an aggregate function ?**
   1. MIN (b) MAX (c) **SELECT** (d) AVG
5. Which of the following is not used for modification in the database ?
   1. DELETION (b) **SORTING** (c) INSERTION (d) UPDATING
6. **What is Unicode ?**
   1. Standard Font (b) Software

(c) **Character Encoding System** (d) Keyboard Layout

1. **Which attribute is used to specify the link URL in HTML ?**
   1. src (b) **href** (c) rel (d) link
2. **What is the correct syntax in HTML for creating a link on a webpage ?**
   1. **< A HREF = “abc.html” >** (b) < LINK SRC = “abc.html” >

(c) < HYPER SRC = “abc.html” > (d) < BODY SRC = “abc.html”>

1. **Tags that are not directly displayed on the page are written in which of the following section ?**
   1. < html > (b) **< head >** (c) < title > (d) < body >
2. **What is the correct HTML tag for inserting a line break ?**
   1. **< br >** (b) < break > (c) < new line > (d) < lb >
3. **How can you make an e-mail link in HTML ?**
   1. < mail href = “yyy@xxx” > (b) < mail > yyy@xxx</mail >

(c) **< a href = “mail to : xxx@yyy” >** (d) < a href = “xxx@yyy” >

1. **Which of the following converts ordinary text into hypertext ?**
   1. XML (b) **HTML** (c) JavaScriptü (d) HTTP
2. **What is the correct syntax for inserting image in HTML ?**
   1. < background img = “background.gif ” >
   2. < body background = “background.gif ” >
   3. **< img src = “background.gif ” >**
   4. None of these
3. **Which is not a markup language, but a language for defining markup language ?**
   1. HTML (b) DHTML (c) **SGML** (d) None of these
4. **Which attribute is used to specify the relationship between current document and the linked document ?**
   1. **rel** (b) target (c) href (d) relation
5. **HTML stands for**
   1. Hyper Text Makeup Language (b) Hyper Technical Markup Language

(c) **Hyper Text Markup Language** (d) None of the above

1. **Choose the correct HTML tag to make the text bold.**

(a) **<B>** (b) <I> (c) <P> (d) <H1>

1. **Architecture of the database can be viewed as**
   1. two levels (b) **three levels** (c) four levels (d) one level
2. **In relational model, cardinality is termed as**
   1. **Number of tuples** (b) Number of attributes

(c) Number of tables (d) Number of constraints

1. **Raster is a synonym for the term**
   1. **Matrix** (b) Array (c) Model (d) All of the above
2. **Graphics that contain movement are often referred as**
   1. Motion (b) Premier Adobe (c) Flash (d) **Animation**

### Part – II

1. **Trojan Horse is**
   1. **A code segment that misuses its file** (b) Good for file accessing

(c) Name of special file directory (d) None of these

1. **To switch to the next task, press the following keys in windows :**
   1. Alt + Ctrl (b) Alt + Esc (c) Alt + Del (d) **Alt + Tab**
2. **Which is not the filename extension of an image ?**
   1. .gif (b) .jpg (c) .png (d) **.ppt**
3. **Which of the following extension suggests that the file is a backup copy ?**
   1. **.bak** (b) .bas (c) .srt (d) .img
4. **Date and time are available on the desktop at**
   1. My Computer (b) **Task bar**

(c) Recycle bin (d) None of the above

1. **In MS-DOS how a floppy or hard disk can be formatted ?**
   1. Clean (b) Spooling

(c) **Format** (d) None of the above

1. **What is the name of the application used to manage files and folders in windows ?**
   1. Internet Explorer (b) Document Explorer

(c) Analytical Explorer (d) **Windows Explorer**

1. **Which of the following shows the file, which is deleted recently ?**
   1. Desktop (b) My Document

(c) **Recycle Bin** (d) All of these

1. **Which of the following attribute prevents changes to files and folders ?**
   1. Hidden (b) **Read only**

(c) System (d) None of the above

1. **“Phone and Modem” option comes under**
   1. **Control Panel** (b) My Computer

(c) Recycle Bin (d) None of the above

1. **Pointing device is used as**
   1. **Input device** (b) Input and Output device

(c) Both (a) & (b) (d) None of the above

1. **For accessing the network, the most appropriate icon to use is**
   1. Recycle Bin (b) **Network Neighborhood**

(c) My Computer (d) None of the above

1. **Which of the following is not a multimedia input device ?**
   1. Digital Camera (b) Video Camera

(c) Music input system (d) **Keyboard**

1. **To install any software in Windows, use**
   1. Add/Remove Hardware of Control Panel
   2. **Add/Remove Programs of Control Panel**
   3. Administrative Tools of Control Panel
   4. None of the above
2. **Which of the following option is clicked to display the RAM size and CPU details of computer ?**
   1. My Computer  System (b) My Document  System

(c) **Control Panel  System** (d) None of the above

1. **Data can be imported into MS-Access database from**
   1. **Excel file** (b) Word file (c) PowerPoint file (d) HTML file
2. **The MPEG stands for**
   1. Movie Picture Experts Group (b) Moving Platform Experts Group

(c) Multiple Platform Experts Group (d) **Moving Picture Experts Group**

1. **Which of the following is not a database key ?**
   1. **Index key** (b) Candidate key (c) Unique key (d) Primary key
2. **Graphics for word processor**
   1. Peripheral (b) **Clip Art** (c) Highlight (d) Execute
3. **Special effects used to introduce slides in a presentation are called**
   1. Effects (b) Custom Animations

(c) **Transitions** (d) Present Animations

1. **means changing font size.**
   1. Leading (b) Tracking (c) Editing (d) **Scaling**
2. **Which shortcut keys insert a new slide in current presentation ?**
   1. **Ctrl + M** (b) Ctrl + S (c) Ctrl + A (d) All of these
3. If **you select Insert >> Picture >> From file, then you**
   1. Insert clip arts only (b) **Insert picture only**

(c) both (a) & (b) (d) None of these

1. **To add a slide in PowerPoint presentation, which option is to be selected ?**
   1. File  add new slide (b) File  open

(c) File  new (d) **Insert  new slide**

1. **Which of the following is not an option when printing handouts per page ?**
   1. Two slides (b) Three slides (c) **Five slides** (d) Six slides
2. **Keys you press when some text is to be copied are**
   1. Ctrl + A (b) **Ctrl + C** (c) Alt + C (d) Alt + D
3. **Thesaurus tool in MS-Word is used for**
   1. Spelling suggestions (b) Grammar options

(c) **Synonyms and Antonyms word** (d) All of the above

1. **To send email to a large group at one time, we use**
   1. **List serv** (b) Group (c) Alias (d) Mail Sever
2. **In MS-Word which key underline the selected text ?**
   1. Ctrl + W (b) Ctrl + Z

(c) **Ctrl + U** (d) None of the above

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| **120.** | **Advance filter is present in which menu in MS-Excel ?** |  |
|  | (a) Tools (b) View (c) **Data** (d) | File |
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(c) ¯ÖÖ¾Ö¸ü¯ÖÖ‡Ó™ü ±úÖ‡»Ö ÃÖê (d) HTML ±úÖ‡»Ö ÃÖê

(a) »ÖßØ›üÝÖ (b) ™ÒîüØÛúÝÖ (c) ‹ê×›üØ™üÝÖ (d) ÃÛêúØ»ÖÝÖ

1. Which of the following command of MS-Excel converts a column of data into row ?
   1. Orientation (b) Cut and Paste

(c) **Paste Special  Transpose** (d) All of these

1. **The database schema is written in**
   1. **DDL** (b) HLL (c) DML (d) DCL
2. **Which of the following is the default extension of an Excel Worksheet ?**
   1. .exw (b) **.xls** (c) .wks (d) None of these
3. **Which of the following function of Excel get the column and row total automatically ?**
   1. Cell ( ) (b) **Auto Sum ( )**

(c) Auto SumX( ) (d) None of these

1. **A formula entered into a cell in MS-Excel must begin with the sign**

(a) + or – (b) \* or + (c) = or \* (d) **+ or =**

1. **To open the format cell dialog Box in MS-Excel, press the keys**

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|  | (a) Alt + 1 (b) **Ctrl + 1** | (c) | Ctrl+Shift+1 (d) F1 |  | |
| **127.** | **Report generator is used to**  (a) update files | (b) | data entry |  |  |
|  | (c) **print files on paper** | (d) | delete files |  |  |
| **128.** | **Portrait and Landscape are**  (a) Paper size | (b) | Paper layout |  |  |
|  | (c) Style | (d) | **Paper orientation** |  |  |
| **129.** | **Which of the following function number ?**  (a) UPPER ( ) (b) CELL ( ) | of MS-Excel  (c) | is used to get the absolute value  SUM ( ) (d) **ABS ( )** | of | a |

1. **How to specify cell range from A9 to A99 in MS-Excel ?**

(a) (A9, A99) (b) (A9 to A99) (c) **(A9 : A99)** (d) (A9 – A99)

1. **Which of the following is an absolute cell reference in MS-Excel ?**

(a) !A!1 (b) **$A$1** (c) #a#1 (d) A1

1. **is a table consisting of rows and columns.**
   1. **Worksheet** (b) Cell (c) Workbook (d) Range
2. **Which of the following Operating System does not implement multi-tasking truly ?**
   1. Windows 98 (b) Windows NT (c) Windows XP (d) **MS-DOS**
3. **In MS-Word the option “Mail Merge” comes under**
   1. Insert Menu (b) Format Menu

(c) **Tools Menu** (d) None of the above

1. **In MS-Word paragraph comes under the**
   1. Insert Menu (b) **Format Menu**

(c) View Menu (d) None of the above

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| **136.** | **Microsoft Office is a** |  |
|  | (a) **Desktop Application** (b) | Operating System |
|  | (c) Command Window (d) | None of the above |
| **137.** | **A popular presentation program for Windows in** | **MS-Office is** |
|  | (a) MS-Word (b) | **MS-PowerPoint** |
|  | (c) MS-Access (d) | None of the above |
| **138.** | In MS-Word, what is the smallest and largest | font size available in font size tool | on |
|  | formatting toolbar ? |  |  |
|  | (a) 8 and 68 (b) 6 and 72 (c) | 6 and 68 (d) **8 and 72** |  |

1. **In MS-Word, on which page the header or the footer is printed by default ?**
   1. On first page (b) On last page

(c) On alternate page (d) **On every page**

1. **In MS-Word, the ‘Font’ command comes under**
   1. **Format Menu** (b) File Menu

(c) Edit Menu (d) None of the above

1. **In MS-Word, which key is used to select all the text in the document ?**
   1. Ctrl + T (b) **Ctrl + A** (c) Ctrl + F (d) Ctrl + N
2. **The default font size in MS-Word-2007 page is**

(a) 8 (b) 9 (c) 10 (d) **11**

1. **In MS-Word the default values for the top and left margin respectively are**

(a) 0.5, 1 (b) **1, 1.25** (c) 1.25, 1.25 (d) 1, 1.5

1. **When the pointer is positioned on a Word, it is shaped like a hand, which shows**
   1. Grammar error (b) **Hyperlinking**

(c) Screen tip (d) Formatting error

1. **What is the default font type used in MS-Word-2007 document ?**
   1. **Calibri (Body)** (b) Arial

(c) Algerian (d) Bold

1. **What is the extension of MS-PowerPoint files ?**
   1. .fil (b) .dot (c) .txt (d) **.ppt**
2. **In MS-Word, which of the following option is not available in Insert ?**
   1. Chart (b) Clip Art (c) **Graph** (d) Word Art
3. **Which of the following line spacing is invalid in MS-Word ?**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (a) Single (b) | Double | (c) | **Triple** (d) | Multiple |
| **149.** | **Print option is in .**  (a) **File tab** (b) | Insert tab | (c) | Page layout tab (d) | View tab |

1. **In MS-Word cut, copy and paste are in group in the home tab.**
   1. Font (b) Page Setup (c) **Clip board** (d) Editing