



# TALEEM CITY INSTITUTE

Ameenpur, Faisalabad

03126987979

Name:		Roll#:		Class:	Inter Part-I
Subject:	Computer Science-11	Date:		Time:	
Test Type #	Type 8 - Short Test (No Choice) - Marks=30				
Test Syllabus:	Unit-1,				

## Q.1 Circle the Correct Answers.

(6x1=6)

- A collection of raw fact and figure is called:  
(A) Data (B) Information (C) Processing (D) Procedure
- Which Software is used to solve everyday person or business tasks?  
(A) Opening System (B) System Software (C) Application Software (D) Device Drive
- Which operation is not performed by computer?  
(A) Inputting (B) Processing (C) Controlling (D) Understanding
- Which of the following is not an example of system software?  
(A) Operating system (B) Drivers (C) MS-Word (D) Utility program
- A Kilobyte is exactly equal to:  
(A) 1 bytes (B) 100 bytes (C) 256 bytes (D) 1024 bytes
- The last stage of SDLC is;  
(A) System Development (B) System Implementation (C) System Maintenance  
(D) Execution in Computer

## Q.2 Write short answers of the following questions.

(8x2=16)

- What is meant by information technology?
- What is system software?
- Define Application software.
- Define Computer?
- Give three example of system software?
- Why does application software need operating system?
- List four basic units of data storage?
- What is System? List different Components of System?

## NOTE: Attempt the long question.

(8x1=8)

- Differentiate between Software and Hardware. Describe the different categories of Software.

# MCQs Ans Key.

Q:1 (A)

Q:2 (C)

Q:3 (D)

Q:4 (C)

Q:5 (D)

Q:6 (C)



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Test Type #	Type 9 - Short Test (No Choice) - Marks=35				
Test Syllabus:	Unit-2,				

## Q.1 Circle the Correct Answers.

(9x1=9)

- Identify LAN's Protocol:  
(A) TCP / IP (B) UDP (C) Ethernet (D) HTTP
- DSL stands for:  
(A) Domain server (B) Direct server (C) Digital Subscriber (D) Digital server
- Which of the following protocols is used to access internet?  
(A) Ethernet (B) Arcnet (C) TCP/IP (D) SDL
- Which of the following is an internet Protocol:  
(A) Ethernet (B) ARC net (C) TC/IP (D) MAC
- Which of the following is an internet Protocol:  
(A) Processing (B) Network (C) Chatting (D) Centralized system
- Which is not network Type?  
(A) LAN (B) MAN (C) WAN (D) NAN
- Total No of layer is OSI model is:  
(A) 6 (B) 9 (C) 7 (D) 8
- The layer that is responsible for flow control is called:  
(A) Application (B) Session (C) Physical (D) transport
- Cabling on a linear bus topology can be extended using which of following.  
(A) Terminator (B) Barrel connector (C) Network Adaptor card (D) Medium Attachment

## Q.2 Write short answers of the following questions.

(5x2=10)

- What is DSL?
- What do you mean by Router?
- What is network protocol?
- What is repeater?
- State the purpose of data link layer?

## NOTE: Attempt the following questions.

(2x8=16)

What is LAN'S protocol? Explain three types of networking protocol.

4. What is network topology? Write in details types of network topologies?

## MCQs Ans Key.

Q:1 (A)

Q:2 (C)

Q:3 (C)

Q:4 (C)

Q:5 (B)

Q:6 (D)

Q:7 (C)

Q:8 (D)

Q:9 (B)



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Test Type #	Type 10 - Short Test - Marks=35				
Test Syllabus:	Unit-3,				

## Q.1 Circle the Correct Answers.

(9x1=9)

- Data Communication requires only:  
(A) Sender (B) Receiver (C) Transmission Medium (D) All of these
- Amplitude is the characteristic of:  
(A) Digital signal (B) Analog signal (C) Parallel signal (D) Serial transmission
- A signal is a representation of ;  
(A) Light wave (B) Heat wave (C) Sun wave (D) Full wave
- Frequency is measured in:  
(A) Sec (B) BPS (C) Volts (D) Hertz
- Example of numeric data is:  
(A) 5.2 (B) 6.4 (C) 3456 (D) All of these
- Which of the following type of data is used to displaying action and movement?  
(A) Audio (B) Video (C) Image (D) Text
- Start and stops Bits are not required in these types of transmission:  
(A) Archncronous (B) Isosynchronous (C) Synchronous (D) Monochronous
- Which of the following is not a communication media?  
(A) Twisted (B) UTP (C) Microwave (D) Modem
- Transmission from satellite to its earth-based station is called:  
(A) Downlink (B) Uplink (C) Baselink (D) Geolink

## Q.2 Write short answers to any (5) of the following questions.

(5x2=10)

- What is Data Communications?
- Define Encoder and Decoder.
- Define digital Signals.
- Describe data representation in computer.
- What is Start Signal? List its different States.
- Explain the term "Baseband".
- Write two names of unbounded media.
- Why data transfer instruction are used?

## NOTE: Attempt any Two (2) questions.

(2x8=16)

- Define Guided media. Briefly describe different guided media for communication.
- Dafine data Communication. Explain its four Basic Components of Communication Network.
- What is Data Communication Mode? Explain its types in detail.

## MCQs Ans Key.

Q:1 (D)

Q:2 (B)

Q:3 (A)

Q:4 (D)

Q:5 (D)

Q:6 (B)

Q:7 (A)

Q:8 (C)

Q:9 (B)



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Test Type #	Type 9 - Short Test (No Choice) - Marks=35				
Test Syllabus:	Unit-4,				

## Q.1 Circle the Correct Answers.

(9x1=9)

- MICR stands for:  
(A) Magic in character Redo (B) Magnetic ink character recorder  
(C) Magnetic ink character Redo (D) Magnetic ink character reader
- Which of the following is related to business?  
(A) Marketing (B) Stock Exchange (C) Banks (D) All of these
- An Automated teller machine can be used for:  
(A) Keeping records (B) Making budgets (C) Watching Movies (D) Withdraw Cash
- Process of automating office tasks using computer is:  
(A) Office Support (B) Office Automation (C) Data Management (D) Re prographics
- \_\_\_\_\_ is related to Business:  
(A) Bank (B) Stock Exchange (C) Marketing (D) All of these
- Most Application of robotics are in which area?  
(A) Cooking (B) Manufacturing (C) Teaching (D) Farming
- A \_\_\_\_\_ is an automatic programmable machine:  
(A) CAD (B) CAM (C) CBT (D) ROBOT
- Which is an automatic Programmable machine?  
(A) CAD (B) CAM (C) ATM (D) ROBOT
- Which of the following is not an example of E-Commerce:  
(A) Electronic Banking (B) Electronic Shopping (C) Online Chatting (D) Online Education

## Q.2 Write short answers of the following questions.

(5x2=10)

- What is the use of computer in stock exchange?
- Write the purpose of document management system.
- Define the term video conferencing.
- What is electronic shopping?
- Differentiate between CAD and CAM.

**NOTE: Attempt the following questions.**

(2x8=16)

## MCQs Ans Key.

Q:1 (D)

Q:2 (D)

Q:3 (D)

Q:4 (B)

Q:5 (D)

Q:6 (B)

Q:7 (D)

Q:8 (D)

Q:9 (D)





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Test Type #	Type 9 - Short Test (No Choice) - Marks=35				
Test Syllabus:	Unit-5,				

## Q.1 Circle the Correct Answers.

(9x1=9)

- ALU has \_\_\_\_\_ Units:  
(A) 2 (B) 3 (C) 4 (D) 5
- The Out put of Computer is:  
(A) Source Code (B) Object Code (C) Linked Code (D) Encode
- The Cells of memory are logically organized into group of:  
(A) 8 bits (B) 12 bits (C) 32 bits (D) 4 bits
- Temporary storage Area within CPU is called:  
(A) Register (B) ROMS (C) RAM (D) None of these
- \_\_\_\_\_ is not kind of register:  
(A) Flag (B) Segment (C) Math processor (D) Accumulator
- Which media can be used for backup?  
(A) RAM (B) ROM (C) CPU (D) Hard drive
- Which CPU register holds the address of next instruction to be executed?  
(A) Instruction Register (B) Memory Buffer Register  
(C) Memory address register (D) Program Counter register
- Extra segment register deals with:  
(A) Stack Data (B) I/O units (C) Mathematical data (D) Variables
- Program syntax errors are detected by:  
(A) Compiler (B) Linker (C) Loader (D) Debugger

## Q.2 Write short answers of the following questions.

(5x2=10)

- Why RAM is called Random Access Memory?
- Why EPROM is used?
- Write the name of different types of buses.
- State the purpose of CPU registers.
- What is program counter?

## NOTE: Attempt the following questions.

(2x8=16)

Define system bus. Explain three types of system bus in detail.

4. Define Operating System. Discuss any six functions of operating system.

## MCQs Ans Key.

Q:1 (A)

Q:2 (B)

Q:3 (A)

Q:4 (A)

Q:5 (C)

Q:6 (D)

Q:7 (D)

Q:8 (D)

Q:9 (B)



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Test Type #	Type 9 - Short Test (No Choice) - Marks=35				
Test Syllabus:	Unit-6,				

- i. Mac fee is a data:  
(A) Virus (B) Antivirus (C) Hacker (D) Warm
- ii. A data bus with 32 lines can transfer which data at a time:  
(A) 32 bit (B) 32 bytes (C) 4 bytes (D) Both A and C
- iii. Viruses are transferred from one computer to another due to:  
(A) Exchange data and program (B) Exchange of displaying screen  
(C) Dust in room (D) High temperature of room
- iv. Additional copy of your data is called:  
(A) Backup of data (B) Taking of data (C) Moving of data (D) Forwarding of Data
- v. A Program that detects the viruses, called:  
(A) Virus (B) Groupware (C) Anti virus (D) Shareware
- vi. How a virus reaches from one computer to another?  
(A) Data is exchanged between computers (B) Exchange of displaying screen  
(C) Exchange of keyboard (D) Exchange of printer
- vii. Which of the following is an antivirus?  
(A) Redlof (B) Logic bomb (C) NOD32 (D) Trojan Horse
- viii. Security protection for personal computers include.  
(A) Internal components (B) Lock and cables (C) Software (D) All of these
- ix. A right of person to keep his personal information away from the unauthorized access is called:  
(A) Piracy (B) Privacy (C) Personal issue (D) Assets

## Q.2 Write short answers of the following questions.

(5x2=10)

- i. Define Pirated Software.
- ii. What is logic bomb?
- iii. Define chermobal Virus.
- iv. State the purpose of password.
- v. What is privacy issue?

## NOTE: Attempt the following questions.

(2x8=16)

Discuss two security threats to data security write any four solutions to these threats.

4. Discuss different types of Viruses.

## MCQs Ans Key.

Q:1 (B)

Q:2 (D)

Q:3 (A)

Q:4 (A)

Q:5 (C)

Q:6 (A)

Q:7 (C)

Q:8 (D)

Q:9 (B)



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Test Type #	Type 9 - Short Test (No Choice) - Marks=35				
Test Syllabus:	Unit-7,				

- i. Windows is the most popular product of:  
(A) Microsoft (B) Sun system (C) ANSI (D) Hewtell
- ii. An operating system is a:  
(A) System utility (B) Application Software (C) System Software (D) Software Package
- iii. GUI stands for:  
(A) General User Interrupt (B) Graph Utilities Icon (C) Graphical User Interface  
(D) Grayed User Interface
- iv. Pressing and releasing the left mouse button quickly is called:  
(A) Clicking (B) Dropping (C) Pointing (D) Dragging
- v. Devices which are automatically detected by windows are called:  
(A) Plug+play devices (B) Automatic Devices (C) Serial Devices (D) Installed devices
- vi. All files that are deleted from computer are stored in:  
(A) My document (B) Recycle bin (C) Printer port (D) Desktop
- vii. The folder, which contains administrative system is:  
(A) Installer (B) Control Panel (C) Debugger (D) Linker
- viii. The operating system based on NT technology is:  
(A) Windows 95 (B) Windows 97 (C) Windows 98 (D) Windows 2000
- ix. The Maximum partitionary that can be created on a basic disk is:  
(A) 2 (B) 4 (C) 6 (D) 8

## Q.2 Write short answers of the following questions.

(5x2=10)

- i. What is an Operating System?
- ii. What is the Purpose of recycle Bin?
- iii. List out four objects/components of windows operating system.
- iv. What is desktop?
- v. What is extended partition?

## NOTE: Attempt the following questions.

(2x8=16)

## MCQs Ans Key.

Q:1 (A)

Q:2 (C)

Q:3 (C)

Q:4 (D)

Q:5 (A)

Q:6 (B)

Q:7 (B)

Q:8 (D)

Q:9 (A)



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Test Syllabus:	Unit-8,				

## Q.1 Circle the Correct Answers.

(9x1=9)

- The bar that contains the name of program and document is:  
(A) Menu bar (B) Title bar (C) Status bar (D) Tool bar
- By default, windows save the documents created in MS-word in the folder:  
(A) My document (B) Recycle bin (C) My Computer (D) Windows Explorer
- The extension of MS-Word file is:  
(A) Exxt (B) .Xts (C) .doc (D) .rtx
- Any change to the document can be reversed using option:  
(A) Redo (B) Do (C) Undo (D) Again do
- When creating MS Word document, the default name of Document is:  
(A) File (B) Word (C) Document (D) .Doc
- The process of producing multiple copies of a document is called.  
(A) Word processing (B) Image processing (C) Spreadsheets (D) Reprographics
- Short cut key for paste is:  
(A) Ctrl + C (B) Ctrl + V (C) Ctrl + A (D) Ctrl + P
- Which function key is used for checking spelling and grammar in word?  
(A) F5 (B) F7 (C) F9 (D) F12
- The process of moving up/down in word processing documents is called:  
(A) Line movement (B) Word-wrap (C) Pull-down (D) Scrolling

## Q.2 Write short answers of the following questions.

(5x2=10)

- What is word Processing?
- List any two uses of word processor.
- What are advantages of word processor over Typewriter?
- Write down names of two simple text editors?
- What is WYSIWYG?

**NOTE: Attempt the following questions.**

(2x8=16)

## MCQs Ans Key.

Q:1 (B)

Q:2 (A)

Q:3 (C)

Q:4 (C)

Q:5 (C)

Q:6 (D)

Q:7 (B)

Q:8 (B)

Q:9 (D)





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Test Syllabus:	Unit-9,				

## Q.1 Circle the Correct Answers.

(9x1=9)

- The default number format assigned to a cell is:  
(A) Currency (B) Numer (C) Text (D) General
- Which of the following is an absolute address?  
(A) A1 (B) \$A1 (C) A\$1 (D) \$A\$1
- A word book is a group of:  
(A) Table (B) Formulas (C) Sheets (D) Functions
- The cell range from A3 to G3 should be written as:  
(A) A3-G3 (B) A3:G3 (C) A3+G3 (D) A3.G3
- The intersection of a row and a column is called:  
(A) intersection (B) cell (C) field (D) address
- Calling a cell in MS. Excel by just their addresses (like,AB) is called:  
(A) Named range (B) Labeling (C) Relative refreshing (D) Absolute refreshing
- Formula can only be applied on:  
(A) Labels (B) Values (C) Unmerged cells (D) Charts
- A cell at second column and 15<sup>th</sup> row has a cell address:  
(A) 15 A (B) 15 B (C) B 15 (D) A 15
- The function in MS-Excel is used to get the smallest value is called:  
(A) MAX (B) MIN (C) Minimum (D) Smallest

## Q.2 Write short answers of the following questions.

(5x2=10)

- List two benefits of spread sheet.
- Write the formula for calculating the average of cell B2 and B3.
- Write functions that totals cell B3 through B10.
- Write function that does total of cell from A1 to A5.
- What is Formula?

**NOTE: Attempt the following questions.**

(2x8=16)

# MCQs Ans Key.

Q:1 (A)

Q:2 (A)

Q:3 (C)

Q:4 (B)

Q:5 (B)

Q:6 (C)

Q:7 (B)

Q:8 (C)

Q:9 (B)



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Test Syllabus:	Unit-10,				

## Q.1 Circle the Correct Answers.

(9x1=9)

- Who owns the internet?  
(A) Us government (B) Pak telecom (C) United nations (D) None of these
- \_\_\_\_\_ is used to find information on the world wide web:  
(A) Web browser (B) Web site (C) Search Engine (D) Web server
- Which of the following services is provided by internet?  
(A) WWW (B) FTP (C) E-mail (D) All
- How many types of addressing scheme are?  
(A) 2 (B) 3 (C) 4 (D) 5
- Internet differentiates one computer from another by:  
(A) Architecture (B) Manufacture (C) IP address (D) Brand Name
- The length of IP address is:  
(A) 4-bits (B) 16 bits (C) 32 bits (D) 64 bits
- The length of IP-V4 address is:  
(A) 8-bits (B) 16-bits (C) 32-bits (D) 256-bits
- A collection of related web-pages is called:  
(A) WWW (B) Web portal (C) Website (D) Web server
- Which of the following is e-mail client software?  
(A) IE (B) Google.Com (C) Outlook express (D) MS Word

## Q.2 Write short answers of the following questions.

(5x2=10)

- Define IP Addressing?
- List out four domains with their type of institution?
- What is the concept of Web Hosting?
- What are advantages of E.mail?

**NOTE: Attempt the following questions.**

(2x8=16)

## MCQs Ans Key.

Q:1 (D)

Q:2 (C)

Q:3 (D)

Q:4 (A)

Q:5 (C)

Q:6 (C)

Q:7 (C)

Q:8 (C)

Q:9 (C)