

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number with marker or pen. Cutting or filling two or more circles will result in zero mark in that question.

1. i. The keyboard layout that is most commonly used is the  
(A) qinerty (B) devork (C) splitter (D) inriter
- ii. Testing all program components together in SDLC is called  
(A) group testing (B) volume testing (C) system testing (D) composite testing
- iii. Layer that is responsible for transferring frames in OSI model is  
(A) application layer (B) data link layer (C) presentation layer (D) session layer
- iv. Terminators are used in \_\_\_\_\_ topology.  
(A) bus (B) star (C) ring (D) mesh
- v. Television and radio broadcasts are example of  
(A) simplex transmission (B) half-duplex transmission  
(C) full duplex transmission (D) duplex transmission
- vi. Which of the following coding schemes uses 16 –bit code?  
(A) BCD (B) ASCII (C) EBCDIC (D) Unicode
- vii. The process of producing multiple copies of a document is called  
(A) desktop publishing (B) image processing (C) data management (D) reprographics
- viii. RAM usually has \_\_\_\_\_ types.  
(A) 2 (B) 3 (C) 4 (D) 5
- ix. Which of the following is not a type of bus in computer?  
(A) Data bus (B) Address bus (C) Timer bus (D) Control bus
- x. Trojan Horse is a type of  
(A) antivirus (B) virus (C) horse (D) hacker
- xi. A person who gains illegal access to a computer system is called  
(A) hacker (B) network controller (C) computer operator (D) computer consultant
- xii. The devices that are automatically detected by Windows are called.  
(A) automatic devices (B) installed devices (C) plug and play devices (D) serial devices
- xiii. Clipboard stores \_\_\_\_\_ in word processing.  
(A) entered text (B) copied text (C) deleted text (D) repeated text
- xiv. The number of argument in SQRT ( ) function in MS-Excel is / are  
(A) one (B) two (C) equal to range (D) equal to column number
- xv. Web pages are written in which type of language is  
(A) SQL (B) Assembly (C) Pascal (D) HTML

**SUBJECTIVE**

Note: Section I is compulsory. Attempt any three Questions from section II.  
( Section - I )

2. Write short answers to any Six parts. ( 6 x 2 = 12 )

- i. What is data?
- ii. How does mouse work?
- iii. What is UPC?
- iv. Define telecommunication.
- v. Write the use of server in computer networks.
- vi. Why repeater is used?
- vii. Define bit and byte.
- viii. How is data transmitted in asynchronous transmission?
- ix. Define refraction.

3. Write short answers to any Six parts. ( 6 x 2 = 12 )

- i. What is robot?
- ii. Define computer aided learning.
- iii. Give two uses of computer in medical field.
- iv. Define low level language.
- v. What is the purpose of execute instruction?
- vi. Define memory address register.
- vii. Write two differences between source code and object code.
- viii. What is the use of parallel port?
- ix. Define software piracy.

4. Write short answers to any Six parts. ( 6 x 2 = 12 )

- i. What is meant by multitasking operating system?
- ii. Describe the use of control panel.
- iii. What is an event?
- iv. Describe "Undo" and "Redo" commands.
- v. What are Headers and Footers in Microsoft Word?
- vi. Differentiate between workbook and worksheet.
- vii. What is cell and cell address?
- viii. Define Web browsing.
- ix. Differentiate between URL and Website.

**( Section - II )**

Attempt any three (3) questions:

( 3 x 8 = 24 )

5. What is video display screen? Explain CRT and Flat panel display. (2+3+3) = 8
6. Define Network and explain its types in detail. (2+2+2+2) = 8
7. What do you know about un-guided media? Explain micro-wave and satellite media in detail. (2+3+3) = 8
8. What are language translators? Write in detail types of language translators (compiler, Interpreter and Assembler) (2+2+2+2) = 8
9. What is virus? Explain any three causes of computer virus. (2+6) = 8