

**Sardar Patel University**  
**B.A - 1<sup>st</sup> Semester (N.C.)**  
**Subject Code: UA01ACAP01**



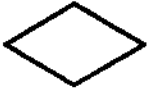
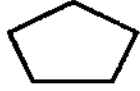
**Computer Fundamental & C Programming (Paper-I)**

**Date: 27/04/2015, Monday**

**Time: 10:30 a.m. to 01:30 p.m.**

**Total Marks: 70**

**Q:1 Do as directed [08]**

- 1) \_\_\_\_\_ is graphical representation of computer programs that can be used with a particular computer.  
A) Algorithm B) Flow Chart C) Software D) Hardware
- 2) Acronym of LAN is \_\_\_\_\_.  
A) Local Area Network C) Line Area Network  
B) Least Area Network D) None of All
- 3) \_\_\_\_\_ is a device used to enter command using keys into the computer.  
A) Keyboard B) Mouse C) Monitor D) All of above
- 4) Scanner is an output device.  
A) True B) False
- 5) \_\_\_\_\_ is Non Volatile memory.  
A) RAM B) ROM C) Cache D) None of above
- 6) \_\_\_\_\_ memory is computer memory that don't requires power to maintain the stored information.  
A) Volatile B) Non Volatile C) Both A & B D) None of above
- 7) \_\_\_\_\_ is a symbol used to indicate decision in flow chart.  
A)  B)  C)  D) 
- 8) \_\_\_\_\_ is a computer program that converts instructions written in one language to another in terms of computer language.  
A) Translator B) Converter C) Peripheral D) All of above

**Q:2 Answer the following. (Any seven) [14]**

- 1) Draw block diagram of computer system and list generation of computer language.
- 2) Write acronym of WAN and MAN.
- 3) List various types of Memory.
- 4) Differentiate between CD Drive and Hard Drive.
- 5) Write a short note on Plotter.
- 6) Differentiate between Volatile and Non Volatile memory.
- 7) Differentiate between primary and secondary memory.
- 8) Define Compiler and Interpreter.
- 9) Define Algorithm and Flow Chart.

**Q:3(A)** List and explain advantages of using computer system in education. [06]

**Q:3(B)** Explain CPU with block diagram. [06]

**OR**

**Q:3(B)** List and explain application areas of computer system. [06]

**Q:4(A)** List input device and explain Mouse in detail. [06]

**Q:4(B)** Explain CRT-Monitor in detail. [06]

**OR**

**Q:4(B)** Explain Inkjet Printer in detail. [06]

**Q:5(A)** List types of Volatile Memory and explain any one in detail. [06]

**Q:5(B)** Explain Hard Disk with figure. [06]

**OR**

**Q:5(B)** List Secondary Storage device and explain CD in detail. [06]

**Q:6(A)** Write algorithm and draw flow chart to add n numbers. [06]

**Q:6(B)** Explain various symbols used to draw flow chart. [06]

**OR**

**Q:6(B)** Define computer languages. Explain Middle level language detail. [06]

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