

[25]

No. Of Printed Pages: 02

**Sardar Patel University**

**B.A - 1<sup>st</sup> Semester, Subject Code: UA01ACAP01**

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



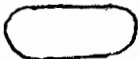

**Date: 27/11/2013, Wednesday**

**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 WAN is \_\_\_\_\_.  
A) Wide Area Network C) Word Area Network  
B) World Area Network D) Wild Area Network
- 3) \_\_\_\_\_ is pointing device used to enter command into the computer.  
A) Keyboard B) Mouse C) Monitor D) All of above
- 4) Plotter is an output device.  
A) True B) False
- 5) \_\_\_\_\_ is volatile memory.  
A) RAM B) ROM C) Hard Disk D) None of above
- 6) \_\_\_\_\_ memory is computer memory that 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 start/stop 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) Convertor 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) Define Topology.
- 3) Explain Mouse in brief.
- 4) Write a short note on CD drive.
- 5) Write a short note on Scanner.
- 6) Differentiate between Volatile and Non Volatile memory.
- 7) Differentiate between primary and secondary memory.
- 8) List types of Language Translator.
- 9) Define Algorithm. List symbols used to draw flow chart.

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

**Q:3(B)** Write acronym of CPU. 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 Keyboard in detail. [06]

**Q:4(B)** List output devices and explain CRT-Monitor in detail. [06]

**OR**

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

**Q:5(A)** List types of Computer Memory and explain types of Volatile Memory. [06]

**Q:5(B)** Explain in detail Magnetic Tape with figure. [06]

**OR**

**Q:5(B)** List Secondary Storage device and explain Hard Disk in detail with figure. [06]

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

**Q:6(B)** Define Flow Chart. Explain different types of RAM. [06]

**OR**

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

☺☺☺ Wish You All The Best ☺☺☺