(46)

Sardar Patel University

F.Y.B.A - 1st Semester (CBCS)

Subject Code: UA01ACAP01

Computer Fundamental & C Programming (Paper-I)

Date: 19/11/2014, Wednesday

Time: 02:30 p.m. to 05:30 p.m.　　　　　　　**Total Marks: 70**

Q:1　Do as directed　　　　　　　　　　　　　　　　　　　　　[08]

1)　_____ is collection of physical devices 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) Wild Area Network

　　B) Who Area Network　　 D) When Area Network

3)　____is output device.

　　A) Keyboard　B) Mouse　C) Monitor　 D) All of above

4)　**Printer is an output device.**

　　A) True　B) False

5)　_____ is volatile memory.

　　A) RAM　B) ROM　C) Cache　D) Non 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 of start and stop in algorithm.

　　A) ☐　B) ☐　C) ☐　D) ☐

8)　_____ is a computer program that converts instructions written in one language to another in terms of computer language.

　　A) Complier　B) Convertor　C) Peripheral　D) All of above

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

1)　Draw block diagram of computer system.

2)　Define Protocol and Interpreter.

3)　Explain Mouse in brief.

4)　Differentiate between plotter and scanner.

5)　Write a short note keyboard.

6)　Differentiate Volatile and Non Volatile memory.

7)　Differentiate between primary and secondary memory.

8)　Define Algorithm and Flow chart.

9)　List symbols used to draw flow chart.

Q:3(A)	List and explain features of computer system.	**[06]**
Q:3(B)	List components of CPU and draw its block diagram.	**[06]**
	OR	
Q:3(B)	Explain application areas of computer system.	**[06]**

Q:4(A)	Define Input Device. List input device and explain Keyboard in detail.	**[06]**
Q:4(B)	List output devices and explain Monitor in detail.	**[06]**
	OR	
Q:4(B)	List types of Printer and explain Inkjet printer in brief.	**[06]**

Q:5(A)	List types of computer memory and explain RAM and EPROM in detail.	**[06]**
Q:5(B)	Explain in detail Optical Disk (CD).	**[06]**
	OR	
Q:5(B)	Explain Hard Disk with diagram.	**[06]**

Q:6(A)	Write algorithm and draw flow chart to calculate simple interest [SI=P*R*N)/100].	**[06]**
Q:6(B)	List and explain advantages of algorithm.	**[06]**
	OR	
Q:6(B)	List types of computer languages. Explain machine level computer languages in detail.	**[06]**

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