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SEAT No. _____

No. of Printed Pages: 02

SARDAR PATEL UNIVERSITY
External Examination (CBCS)
B. A. - 1st Semester
UA01ACAP01: Computer Fundamental & C Programming (P-I)
14th November, Tuesday - 2017

Time : 10:00 am to 01:00 pm

Total Marks :70

Q-1 Select an appropriate option.

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1. The full form of WAN is _____
(a) Wide Area Network (b) Local Area Network
(c) Wider Area Net (d) None of these
2. Computer hardware refers to the _____ parts of a computer.
(a) Logical (b) Physical (c) Data (d) None of these
3. CPU stands for
(a) Control Processing Unit (b) Central Processing Unit
(c) Control Programming Unit (d) None of these
4. _____ is output device.
(a) Keyboard (b) Mouse (c) Monitor (d) All of these
5. Data can be re-written in _____.
(a) CD or DVD ROM (b) Rewritable CD or DVD
(c) Both (a) and (b) (d) None of above
6. The full form of ROM is _____.
(a) Read Open Memory (b) Read Only Memory
(c) Read Open Mark (d) Read Only Mark
7. The step by step process to solve any problem is called _____.
(a) Flowchart (b) Algorithm (c) Compiler (d) Translator
8. The graphical / pictorial representation of algorithm is called _____.
(a) Flowchart (b) Compiler (c) Interpreter (d) None of these

Q-2 Answer the following questions. (Attempt any SEVEN)

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1. Draw block diagram of Computer System.
2. Differentiate between hardware and software.
3. What is Joy Stick?
4. Explain the use of plotter.
5. List different types of printer.
6. List the difference between primary and secondary memory.
7. What is Translator?
8. Define: (i) Algorithm (ii) Flowchart
9. What do you mean by volatile and non-volatile memory?

- Q-3
- (a) Write short note on application areas of Computer System. 06
- (b) Explain in detail the elements of Computer Processing System. 06

OR

- (b) What is 'Networking'? Explain LAN and WAN. 06

- Q-4
- (a) Write short note on Monitor. 06
- (b) Explain Inkjet printer in detail. 06

OR

- (b) What is Input Device? Explain Keyboard in detail. 06

- Q-5
- (a) Explain Hard Disk in detail. 06
- (b) Write short note on Memory and its types. 06

OR

- (b) Explain DVD in detail. 06

- Q-6
- (a) Write algorithm and draw a flow chart to calculate Simple Interest. 06
- $SI = (P * R * N) / 100$
- (b) List and explain advantages of Algorithm. 06

OR

- (b) Explain High Level and Machine Level Language in detail. 06

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(2)