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No. Of Printed Pages: 2

**SARDAR PATEL UNIVERSITY**  
**M.Sc. Integrated Biotechnology Examination - First Semester (NC)**  
**2<sup>nd</sup> April, 2016(Saturday)**  
**PS01CIGB03- Introduction to Computers**  
**Time: 2:30 p.m. to 5:30 pm.**

**Total Marks: 70**

**Q-1 Multiple Choice Questions.**

**[08]**

- 1 \_\_\_\_\_ is used in third generation computers.  
A) Transistors  
B) Vacuum Tubes  
C) Integrated circuits  
D) None of these
- 2 \_\_\_\_\_ is an impact printer.  
A) Line  
B) Dot matrix  
C) Laser  
D) None of these
- 3 In HTML \_\_\_\_\_ tag is used for horizontal rule.  
A) <hr>  
B) <Href>  
C) <br>  
D) None of these
- 4 In Flash, the short cut key for inserting new keyframe is \_\_\_\_\_.  
A) F5  
B) Ctrl + B  
C) F6  
D) None of these
- 5 The short cut key for copy command in MS word is \_\_\_\_\_.  
A) Ctrl + V  
B) Ctrl + X  
C) Ctrl + C  
D) None of these
- 6 \_\_\_\_\_ is a single user and single tasking operating system.  
A) MS DOS  
B) Windows  
C) UNIX  
D) None of these
- 7 \_\_\_\_\_ characters can be coded in ASCII-8 and EBCDIC.  
A) 8  
B) 255  
C) 256  
D) 128
- 8 The \_\_\_\_\_ element forces a break in the current line of text.  
A) <b>  
B) <br>  
C) <P>  
D) None of these

**P.T.O.**

**Q-2 Write short answers of following questions. (Any 7 out of 9) [14]**

- 1 Explain 10's complement method.
- 2 Differentiate : Volatile memory vs. Nonvolatile memory.
- 3 What is word processor? Also list few examples of word processor.
- 4 What is web browser? Also give at least two examples of it.
- 5 Define: IP address and Domain name.
- 6 What is Double Dabble method?
- 7 List out Advantages of Flash.
- 8 What is Cell and Cell Address in Excel?
- 9 What do you mean by PDA?

**Q-3 (A) Write a detail note on applications of computers in various field. [06]**

**Q-3 (B) Do following conversion: (Each of 2 marks) [06]**

- 1)  $(2480)_{10}$  to  $(?)_2$                       2)  $(1100011.1101)_2$  to  $(?)_{16}$                       3)  $(325)_{10}$  to  $(?)_8$

**OR**

**Q-3 (B) Write a detail note on third generation. [06]**

**Q-4 (A) What is operating system? Explain the types of operating system. [06]**

**Q-4 (B) Explain in detail E-mail with its advantages and disadvantages. [06]**

**OR**

**Q-4 (B) Write down types of printers and explain working of laser printer. [06]**

**Q-5 (A) Explain in detail mail merge facility of MS Word. [06]**

**Q-5 (B) Explain any two functions available in MS Excel. [06]**

**OR**

**Q-5 (B) Write a detail note on HTML table with example. [06]**

**Q-6 (A) Discuss in detail HTML lists and its types. [06]**

**Q-6 (B) Write a brief note on motion tween with example. [06]**

**OR**

**Q-6 (B) Enlist and explain tools available in Flash for drawing and painting. [06]**

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