

[67]

**SARDAR PATEL UNIVERSITY**  
**M.Sc.IT Examination, 1<sup>st</sup> Semester**  
**Saturday, 1<sup>st</sup> December, 2012.**

**Morning Time: 10:30 A.M to 01:30 P.M**

**Subject Code: PS01CIIT01/ Paper No: 01**

**Subject: Introduction to Information Technology**

**Total Weight age/Marks: 70**

**Q.1 Multiple Choice Questions.**

**10**

1. Data is collection of
  - A. Facts and entities relevant to user
  - B. A set of numbers and alphabet
  - C. Raw material
  - D. Input material for a computer
2. \_\_\_\_\_ are the devices which convert analog signals into digital.
  - A. Router
  - B. Modem
  - C. Bridge
  - D. Gateway
3. A user could run a program larger than main memory by which of the following techniques?
  - A. Multi-programming
  - B. Overlays
  - C. Time sharing
  - D. Multi-processing.
4. A society where we don't need money in our pockets, the so-called
  - A. Paperless society
  - B. Priceless society
  - C. Cashless society
  - D. None of the above
5. \_\_\_\_\_ Shares characteristics with both hardware and software.
  - A. Operating System
  - B. Software
  - C. Data
  - D. None of the Above
6. TPS is the short form of
  - A. Transparent Process System
  - B. Transaction Processing System
  - C. Transaction Preparing System
  - D. Transfer Processing System
7. An antivirus application is an example of
  - A. System Software
  - B. Application Software
  - C. Utility Software
  - D. All of the Above
8. CBT is the short form of
  - A. Computer Based Techniques
  - B. Computer Based Training
  - C. Carrier Based Training
  - D. None of the Above
9. Determined which of the following statements are true:
  - A. DOS is software
  - B. A directory can contain files, but not other directories.
  - C. Only text can be stored in file
  - D. Direct operating system is the full form of DOS.
10. Portable computers that fit into a briefcase are called as \_\_\_\_\_
  - A. Desktop
  - B. Super computer
  - C. Laptop
  - D. Mainframe computer

**P.T.O**

<b>Q.2</b>	Answer the following questions in short. (Any 10)	<b>20</b>
	1) Define data and information with example. 2) Distinguish between analog and digital computer 3) Write the definition of Operating System. 4) Describe the difference in information use at each management level in brief. 5) Define Assembler in brief. 6) What are the different types of microcomputer? 7) List the requirement of software on Pay-roll preparation. 8) Write the full form of the following. 1. DSS              2. MIS              3. TPS              4. OAS 9) Explain Half-duplex mode and Full-duplex mode in brief. 10) Define translator in brief. 11) Briefly explain EPF. 12) List the elements of a health care network.	
<b>Q.3(A)</b>	Explain the difference between data and information and Explain levels of information in detail	<b>10</b>
	<b>OR</b>	
<b>Q.3(A)</b>	List and explain features and categories of information in detail.	<b>10</b>
<b>Q.4(A)</b>	Write a short note on MODEM.	<b>06</b>
<b>(B)</b>	List and explain limitations of computer.	<b>04</b>
	<b>OR</b>	
<b>Q.4(A)</b>	Explain capabilities of computer in detail.	<b>06</b>
<b>(B)</b>	Write a short note on computer classification.	<b>04</b>
<b>Q.5(A)</b>	Write a short note on DOS commands with example.	<b>06</b>
<b>(B)</b>	Explain functions of operating system.	<b>04</b>
	<b>OR</b>	
<b>Q.5(A)</b>	Write a short note on compiler, interpreter and translator.	<b>06</b>
<b>(B)</b>	Write a short note on software and its types.	<b>04</b>
<b>Q.6(A)</b>	Write a short note on CBT.	<b>05</b>
<b>(B)</b>	Write a short note on Health Care Applications.	<b>05</b>
	<b>OR</b>	
<b>Q.6(A)</b>	Write a short note on Payroll System	<b>05</b>
<b>(B)</b>	Write a short note on Use of computer in entertainment.	<b>05</b>

\*\*\*\*\*