

SARDAR PATEL UNIVERSITY
F.Y.B.Sc EXAMINATION
SEMESTER – I

US01FICT02 : Information & Communication Technology

Monday, 18th November, 2013

Time : 02:30pm to 04:30pm

Max.Marks : 70

Q.1 Multiple choice of Question:

10

- [1] The following memory is used by cpu to reduce average time to access memory.
 - (a) ROM
 - (b) Hard disk
 - (c) Memory sticks
 - (d) Cache memory
- [2] To display a message on screen following command is used
 - (a) MSG
 - (b) MESSAGE
 - (c) ECHO
 - (d) all of above
- [3] To display disk label following command is used
 - (a) DISP
 - (b) DLABEL
 - (c) VOL
 - (d) None of these
- [4] The output quality of a printer is measured by
 - (a) Dot per inch
 - (b) Dot per sq. Inch
 - (c) Dots printed per unit time
 - (d) All of above
- [5] A hard copy would be prepared on a
 - (a) Line printer
 - (b) Dot matrix Printer
 - (c) Typewriter terminal
 - (d) All of the above
- [6] _____ is an input device.
 - (a) Monitor
 - (b) Keyboard
 - (c) Printer
 - (d) All of above
- [7] DDR is a type of
 - (a) Pen drive
 - (b) Hard disk
 - (c) RAM
 - (d) Processor
- [8] Which of the following does not have physical existence?
 - (a) RAM
 - (b) Virtual Memory
 - (c) Hard Disk
 - (d) Processor
- [9] Which of the following is associated with networks?
 - (a) Node
 - (b) Star topology
 - (c) Both (a) and (b)
 - (d) None of the above
- [10] Which of the following topology is highly reliable?
 - (a) Star
 - (b) Ring
 - (c) Fully connected graph
 - (d) None of these

Q.2 Attempt any 10 questions:

20

- [1] List out minimum four popular operating system.
- [2] What is process management?
- [3] Differentiate between Hardware and Software
- [4] List Out the output Devices
- [5] Define: Printers. State types of Printers
- [6] What is Monitors? State types of it.
- [7] What is Alphanumeric Data Type?
- [8] Write difference between Main Memory and Backing Storage
- [9] Define the terms : File, Record.
- [10] Write advantage of computer network
- [11] State disadvantage of computer network.
- [12] What is topology? State types of topology.

Q.3 [a] What is Operating System? Why is it necessary for a computer system? 5

[b] What is firmware and what is its importance to the computer system architect? 5

OR

Q.3 [a] List out the various functions normally performed by an operating system. Explain any two functions. 5

[b] What is the use of RAM, ROM, PROM, EPROM and EEPROM? 5

Q.4 [a] Explain Touch Screen and Remote control in brief. 5

[b] Write a short note on Scanners 5

OR

Q.4 [a] Write a short note on Microphones. 5

[b] Explain CRT monitors. State the advantages and Dis-advantages of it. 5

Q.5 [a] Write a note on Pen drive. 5

[b] Describe in brief about compact disk. 5

OR

Q.5 [a] Write a note on Hard Disk. 5

[b] Write a note on Flash Memory Card. 5

Q.6 [a] Write a note on modem. 5

[b] What is computer network? Discuss need for computer network. 5

OR

Q.6 [a] Write advantage and disadvantage of STAR topology. 5

[b] Write a note on transmission technology of LAN. 5

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