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SARDAR PATEL UNIVERSITY
F.Y.B.Sc. (First Semester) (CBCS) EXAMINATION
2010
Thursday, 18th November
11.30 a.m. to 1.30 p.m.
US01FICT02 : Information and Communication Technology (ICT)

Maximum Marks : 60

Note:-   Answers of all the questions (including multiple choice questions) should be written in the provided answer book only.

Q.1   Multiple choice of Question   [10]

[1] To start a program or command in separate window following command is used
    a) START PROG   b) START
    c) OPEN PROG   d) START COMMAND

[2] MAR is stands for
    a) Memory allocation register   b) Memory address register
    c) Memory accuracy registers   d) None of these

[3] A _____ is a device that converts mechanical energy waves or sound into electrical energy waves.
    a) Speaker   b) microphone
    c) None of above   d) All of above

[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] Which of the following is associated with networks?
    a) Node   b) Star topology
    c) Both (a) and (b)   d) None of the above

[6] Terminators are used in _____ topology.
    a) Bus   b) Star
    c) Ring   d) Mesh

[7] Primitive data type is defined as
    a) predefined data type of any language b) user defined data type
    c) both 1 and 2   d) None of this

[8] A Field is defined as
    a) Group of related data item   b) Collection of records or table
    c) Collection of filed   d) Both b and c

[9] Storage devices are used
    a) To store data   b) To speed up our pc or laptop
    c) To use the internet   d) None of these

[10] _____ is the volatile memory.
    a) RAM   b) ROM
    c) EPROM   d) PROM

Q.2   **Attempt any 10 questions**   [20]

[1] Write purpose of CD & CHKDSK commands.
[2] Explain Cache Memory in brief.
[3] Draw a logical System architecture diagram of a computer system.
[4] Explain Pointing Devices in brief.
[5] List out output devices.
[6] What is LCD Projector?
[7] Write down advantages of CD (Compact Disc)
[8] Explain Flash Memory Card in brief.
[9] Define : File & Record
[10] Definition of Computer Network.
[11] Explain in brief "Point-to-Point Networks"
[12] Explain in brief : Switching Elements

(1)

Q.3 [a] What is Computer? What is Computer Hardware & Software? Explain |5|
     Relationship between Hardware and Software.
     [b] What is Operating System? Why is it necessary for a computer |5|

OR

Q.3 [a] Explain RAM, ROM, PROM, EPROM, EEPROM. |5|
     [b] Explain Different types of software. |5|

Q.4 [a] Explain Keyboard with it's any five function keys. |5|
     [b] Explain any two output device. |5|

OR

Q.4 [a] Explain printer with its type. |5|
     [b] Explain any two input device. |5|

Q.5 [a] Explain DVD with its Advantages. |5|
     [b] Define the term "Back-Up". Explain the necessity of it. Differentiate |5|
     Main Memory and Backing Storage.

OR

Q.5 [a] Explain Pen Drive with its different parts. |5|
     [b] Explain "Hard Disk" with advantages and disadvantages. |5|

Q.6 [a] Explain Modem in detailed. |5|
     [b] What is Topologies? Explain Bus topology in Detail. |5|

OR

Q.6 [a] What is Network? Explain the needs of Networks. |5|
     [b] Explain Star topology with its advantages and disadvantages. |5|

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