S.B. Roll No…………………………………..

COMPUTER PERIPHERALS AND INTERFACING
5th Exam/Comp/IT/CSE/2620/May'19

Duration: 3Hrs.   **M.Marks:75**

SECTION-A

Q1. Fill in the blanks.   **10x1.5=15**

   a. _____ refers to individual dot on the screen.
   b. _____ & _____ are examples of storage devices.
   c. ATM stands for_____.
   d. CMOS stands for_____.
   e. PS/2 has _____ pins.
   f. CVT stands for_____
   g. POST stands for_____.
   h. Wi-Max stands for_____.
   i. _____ is an open wireless technology standard for exchanging data over short distances from fixed and mobile devices, creating PAN (personal area network) with high level of security.
   j. The ROM-BIOS keyboard services are provided under _____.

SECTION-B

Q2. Attempt any five questions.   **5x6=30**

   i. Differentiate between serial and parallel port.
   ii. Explain the construction and working of a CRT.
   iii. Define UPS. Explain its types.
   iv. Define scanner? Explain various types of scanner.
   v. Differentiate between raster and random scan.
   vi. Explain different types of hard disk drives.
   vii. What is MODEM? Explain various types of MODEM.
   viii. Explain the construction and working of thermal printers.

SECTION-C

Q3. Attempt any three questions.   **3x10=30**

   a. Explain the construction and working of keyboard?
   b. Explain the various components of Motherboard?
   c. Explain the construction and working of LASER Printer in detail?
   d. Define the following.
      i. Aspect ratio
      ii. Light pen
      iii. CDMA
      iv. Digital camera

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S.B. Roll No……………………………………………….

COMPUTER PERIPHERALS & INTERFACING
5th Exam/COMP/IT/CSE/2620/Sep'2020

Duration: 1.15 Hrs.   **M.Marks:25**

SECTION-A

Q1. Attempt any three questions.   **3x5=15**

    a.   Differentiate between Raster and Random scan.
    b.   What is MODEM?. Explain its types.
    c.   What do you mean by video Display adaptors? Discuss any two display adaptors.
    d.   Differentiate between parallel and serial port.
    e.   What is difference between CVT and UPS?
    f.   Write a note on the following.   a) PCI bus   b) ISA bus
    g.   Explain the working principle of SMPS used in computer.

SECTION-B

Q2. Attempt any one question.   **1x10=10**

    a.   Describe in detail the working principle of CRT with the help of a diagram.
    b.   What is secondary memory and describe hard disk and its working principle in detail.
    c.   What is use of Mother Board, describe its various components.
    d.   What are input and output devices .explain one input and one output device in detail.
    e.   Explain working of Laser printer.

S.B. Roll. No.....................................

COMPUTER PERIPHERALS AND INTERFACING
5th Exam/COMP/IT/CSE/2620/Jun'2021

Duration: 1.15Hrs.   **M.Marks:25**

SECTION-A

Q1. Attempt any three questions.   **3x5=15**

   i. Differentiate between impact and non- impact printers.
   ii. Explain working of an optical mouse in brief.
   iii. What are various types of USB cables?
   iv. Explain working of modem in brief..
   v. What is the basic principle of Touch screen?
   vi. Differentiate between random scan display and raster scan display.
   vii. Write a note on wireless LAN.

SECTION-B

Q2. Attempt any one question.   **1x10=10**

   a. Explain construction, working and interface of Hard disk Drive in detail.
   b. Explain working of monochrome CRT with the help of diagram.
   c. Explain construction and working of dot-matrix printer in detail.
   d. What is a UPS? Explain two types of UPS..

S.B. Roll. No.....................................

COMPUTER PERIPHERALS AND INTERFACING
5th Exam/CSE/2695/Jun'2021
(For 2018 Batch onwards)

Duration: 1.15Hrs.   **M.Marks:25**

SECTION-A

Q1. Attempt any three questions.   **3x5=15**

   i. What is role of MODEM?
  ii. What are various slots and ports on motherboard?
 iii. Write a note on Raspberry Pi.
 iv. Explain working principal of flat bed scanner.
  v. Explain construction of CRT.
 vi. What is role of software drivers?
vii. Explain working of optical mouse.

SECTION-B

Q2. Attempt any one question.   **1x10=10**

  a. Explain logical structure of Hard Disk.
  b. Classify printer based on their technologies. Explain working of Ink Jet Printer in detail.
  c. Explain working of ONLINE UPS.
  d. Explain various types of video adapters.

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S.B. Roll. No……………………………………………

COMPUTER PERIPHERALS AND INTERFACING
5ᵗʰ Exam/COMP/IT/CSc/2620/Jun'2022

Duration: 3Hrs.   **M.Marks:75**

SECTION-A

Q1. Do as directed.   **15x1=15**
   a. The _____of an image is ratio of height and width of the image to its height, expressed as two numbers separated by colon.
   b. CDMA stands for _____
   c. FAT stands for _____
   d. A name or number used to identify a storage location is called _____
   e. _____refers to individual dots on the screen
   f. _____and _____are two output device
   g. RS232 is a _____
   h. The basic categories of video modes are _____and _____mode
   i. Full form of CGA is _____
   j. _____is smallest unit of memory
   k. SCSI stands for _____
   l. OCR stands for _____
   m. LCD stands for _____
   n. Projector Is a _____
   o. Ps/2 connector has a _____ pin

SECTION-B

Q2. Attempt any six questions.   **6x5=30**
   i. Differentiate between Bluetooth and Wi-Fi?
   ii. Describe the working of CD?
   iii. What do you mean by Software Interrupts? Explain?
   iv. What is MODEM? Describe various types of MODEM?
   v. What is the use of UPS? What are its types?
   vi. Explain the construction and working of thermal printers?
   vii. Differentiate between raster and random scan?
   viii. Explain the concept of Light pen?

SECTION-C

Q3. Attempt any three questions.   **3x10=30**
   a. Write short note on: i) Touch Screen   ii) Video Adapters
   b. Explain the various components of Motherboard?
   c. Explain the construction and working of INKJET Printer in detail?
   d. Explain the working principle of SMPS used in computer.
   e. Explain the construction and working of a CRT?

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COMPUTER PERIPHERERALS AND INTERFACING
5th Exam/CSE/IT/2695/Jun'2022
(For 2018 Batch Onwards)

Duration: 3Hrs.   M.Marks:75

SECTION-A

Q1. Do as directed.   15x1=15

a. The full form of CRT_____
b. The pixel is the smallest addressable _____element.
c. The _____stores the image in the computer's memory.
d. The CRT consists of _____and _____
e. PCI stands for_____
f. Motherboard is appropriately called as_____
g. BIOS stands for_____
h. SMPS stands for_____
i. Laser jet is impact printer (True/False)
j. Inkjet is impact printer (True/False)
k. POST stands for_____
l. DOS stands for_____
m. Modem converts _____and vice versa.
n. Primary output device is_____
o. A Mouse is a _____Device

SECTION-B

Q2. Attempt any six questions.   6x5=30

i. Explain basic principle of working of UPS.
ii. Explain serial and parallel port.
iii. Explain working of SMP's used in computers.
iv. What do you mean by Raspberry pi.
v. Compare CRT, LED and plasma display.
vi. What id Modem? Explain various types of modem.
vii. What is Online/Offline UPS? Write their relative advantages over each other.
viii. Explain raster and random adapter in detail

SECTION-C

Q3. Attempt any three questions.   3x10=30

a. Name various output devices and explain the working of any two of them.
b. Differentiate between impact and non-impact printers. Explain construction and working of one printer from each category.
c. Name various input devices. Explain any three of them.
d. Write down comparison between online ups and offline ups.
e. Explain CRT monitors in detail with diagram.

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