TAMIL NADU OPEN UNIVERSITY
School of Computer Science

SPOT ASSIGNMENT AY 2018-19

NOTE: Part A Contains 3 Questions and will carry 5 Marks each, Part B Contains 1 Question and will carry 10 Marks. Students are requested to write 150 words and should not exceed 2 pages each in Part A, 300 words and should not exceed 4 pages in Part B.

Vocational Diploma in Computer Hardware Servicing (VDHS)

Course Code: VDHS -1
Course Title: Personal Computer Organization (PCO)
(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions   **(3 X 5 = 15 Marks)**

1. Explain - Block diagram of motherboard.

2. List out the keyboard switches and explain it.

3. Principle and Construction of Floppy Disk Drive (FDD).

Part- B- Long Answer Question

Answer the following question   **(1 X 10 = 10 Marks)**

4. a) Discuss – Printing mechanism.

   (OR)

   b) Explain in detail about Video display Adaptors

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Vocational Diploma in Computer Hardware Servicing (VDHS)

Course Code: VDHS- 02
Course Title: Computer Hardware Servicing
(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions   **(3 X 5 = 15 Marks)**

1. Explain any two bus architecture system.
2. Illustrate the function of a BIOS in detail.
3. How to configure the mother board. Explain in detail.

Part- B- Long Answer Question

Answer the following question   **(1 X 10 = 10 Marks)**

4. a) Explain the Dot-Matrix Printer.

          (OR)

   b) Demonstrate the PC Troubleshooting strategy.

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Vocational Diploma in Computer Hardware Servicing (VDHS)

Course Code: VDHS- 03
Course Title: Trouble Shooting & Data Recovery
(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions   **(3 X 5 = 15 Marks)**

1. Discuss the different types of DOS command

2. Describe the checking the device for errors.

3. How does the optical disk drive works?

Part- B- Long Answer Question

Answer the following question   **(1 X 10 = 10 Marks)**

4. a) Explain the overview of windows operating system

                 (OR)

    b) Discuss about the tracks, sector, cylinder, clusters, and master boot record.