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(Pages : 2)

Reg. No.....

Name.....

**B.VOC. DEGREE EXAMINATION, APRIL 2019**

**Sixth Semester**

**COMPUTER HARDWARE AND NETWORKING**

(For B.Voc. Programmes in Sustainable Agriculture and Food Processing Technology)

Time : Three Hours

Maximum : 80 Marks

**Part A (Short Answer Questions)**

*Answer all questions.*

*1 mark each.*

Define :

- |               |                      |
|---------------|----------------------|
| 1. DMP.       | 2. PATHPING.         |
| 3. DVD.       | 4. Operating system. |
| 5. CMOS       | 6. LAN               |
| 7. Windows.   | 8. BUS.              |
| 9. IP config. | 10. Boot process.    |

(10 × 1 = 10 marks)

**Part B (Brief Answer Questions)**

*Answer any eight questions.*

*2 marks each.*

Write about :

11. Display adaptor.
12. Serial and parallel port.
13. Benefits of networks.
14. External drive.
15. Magnetic recording.
16. Secondary memory devices.
17. Mother board trouble shooting.
18. Types of WAN technologies.

**Turn over**

19. Modem.
20. ROM and RAM.
21. Accessing files.
22. HDD.

(8 × 2 = 16 marks)

### **Part C**

*Answer any **six** questions.  
4 marks each.*

23. Give an account on types and organization of keyboard.
24. What is IP gateway and explain how IP gateway can be located.
25. Write an account on types of PCs.
26. Give an account on filing system.
27. Explain netstat and tracert commands.
28. Write about different types of mouse.
29. Explain ink jet and laser printer.
30. Explain how IP address can be assigned. Write about the routing.
31. Write about USB devices and hub.

(6 × 4 = 24 marks)

### **Part D (Long Answer Questions)**

*Answer any **two** questions.  
15 marks each.*

32. Give an account of motherboard. Mention importance of CPU cooling.
33. Write about parallel devices associated with computer.
34. Explain types of networks. Write about structure of intranet and internet.
35. Explain input and output devices.

(2 × 15 = 30 marks)