



Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Scholarship Exam-2080 Bhadra

Program: Diploma in IT Engineering

Full Marks: 40

Year/Part: II/I (2022) © Arjun

Pass Marks: 16

Subject: PC Troubleshoot and Maintenance

Time: 1½hrs.

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

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Attempt Any Four questions.

1. Define troubleshoot and troubleshooting technique. Also, explain the block diagram of SMPS in brief. [4+6]
2. What is secondary memory? Differentiate between RAM and ROM. [4+6]
3. a) Write and explain different parts of motherboard. Also, write the steps to troubleshoot BIOS problem in motherboard. [3+3]
b) Explain different types of processors in brief. [4]
4. Describe the preventive maintenance for system care. Explain in brief about backup and disaster recovery. [5+5]
5. Write short notes on: (**any Two**) [2×5=10]
 - a) Hard disk
 - b) Steps to troubleshoot common printer problem
 - c) Working principle of UPS
 - d) System case

Good Luck!