

Website :- <https://www.arjun00.com.np>

Council for Technical Education and Vocational Training
Office of the Controller of Examinations
Sanothimi, Bhaktapur

Regular/Back Exam-2078, Magh/Falgun (Schlorship+Regular)

Program: Diploma in Geomatics/Civil/Hydro/ Architecture Engg. **Full Marks: 40**

Year/Part: I/II (2018, 2013, 2017, 2014) **Pass Marks: 16**

Subject: Computer Application **Time: 1.5 hrs.**

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

Website :- <https://www.arjun00.com.np>

Attempt Any Four questions.

1. a) Differentiate between computer Hardware and Software. [5]
b) Draw a well labelled block diagram of digital computer. [5]
2. a) What do you mean by an Operating System? What are its functions? [2+3]
b) Differentiate between GUI and CLI with examples. [5]
3. a) Differentiate between a word processing package and a spreadsheet package. Why do we use MS Powerpoint? [3+2]
b) Define Database. Explain DBMS. [1+4]
4. a) Define computer virus. List its removal techniques. [1+4]
b) Explain the concept of client and server with a suitable figure. [2+3]
5. Write short notes on: **(Any Five)** [5x2=10]
 - i) NIC
 - ii) LAN
 - iii) Disk Operating System
 - iv) Web Browsers
 - v) Auxiliary Memory
 - vi) Optical Storage

Good Luck !

Website :- <https://www.arjun00.com.np>