

Don't write your answers on this paper. Use only papers delivered in exam!

Write on every paper:

- course information: T-106.1043 Information Technology, basic course
- your name and your student number
- your study program
- date and year
- page number / number of all pages

1. What is
 - a. Variable
 - b. GUI
 - c. ISP

6 p.

2. Create a drawing which shows the structure of basic computer hardware. Describe each element and its main tasks shortly.

6 p.

3. Explain how a message is transmitted in a packet-switching network. You can draw a picture if it helps.

6 p.

4. Write a function SMALL_CALC which takes two parameters, A and B. If A is bigger than B, then the function subtracts B from A. Else the function calculates the sum of A and B. Function returns the result.

6 p.

- 6 Introduce potential problems with the ever-growing technology use in our society.

6 p.