## UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Second Semester – Spring 2023

Paper: Computer Science

Course Code: GC-112

Roll No. ....

Time: 3 Hrs. Marks: 60

## THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

- Q.1. Answer the following short questions (15x2=30)
- 1) What is the difference input unit and output unit?
- 2) What are the basic operations of computer system?
- 3) List five usages of Internet?
- 4) What is the difference between hard copy and soft copy of any file?
- 5) What is the difference between random access and sequential access storage unit?
- 6) Define hardware with two examples?
- 7) Define software with two examples?
- 8) List down five input devices.
- 9) List down five output devices.
- 10) Define operating system.
- 11) What is the difference between laser printer and inkjet printer?
- 12) What is the main function of storage unit?
- 13) What is super computer?
- 14) Define computer network? Internet?
- 15) List down five programming languages used for development.

## Q.2. Answer the following questions (3x10=30)

- 1) What is a MS Excel? How nested if/else function can be implemented? Provide one example.
- 2) Draw a block diagram to illustrate the basic organization of computer system and also highlight each unit of the computer. Explain each unit separately.
- 3) Differentiate between two types of software's on the basis of the following parameters (usage, high level or low level, easy or complex, computer dependency, software dependency). To solve this question, make a table and solve it.